THE AIR FACILITY SYSTEM (AFS) BUSINESS RULES COMPENDIUM

This compendium was initially compiled in 2003 via the collaborative efforts of the EPA, its Regions and users of AFS. It is intended to be a living document, to change when the air compliance/enforcement program changes, and when the AFS changes.

VERSION 4.1-- August 2009

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THE OFFICE OF ENFORCEMENT AND COMPLIANCE ASSURANCE
OFFICE OF COMPLIANCE
ENFORCEMENT TARGETING & DATA DIVISION
DATA INFORMATION SYSTEM MANAGEMENT BRANCH
MEDIA SYSTEMS AND SUPPORT SECTION

AFS Business Rules, Version 4.1
August 2009

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RECORD OF DOCUMENT CHANGES

Revision #	Date	Summary of Changes/Additions
0	July 2004	Initial release of the document
1	July 2005	Update: Complete replacement
2	July 2006	Various grammatical and editorial updates were made throughout the compendium. In addition, content updates also were completed and the following sections have been changed: Section 2, 3B1, 3B2, and 3C11, along with the addition of Section 4 and Subsections: 3C17, and 3C18. All appendices were updated with new additions of appendices 3b, 3c, 4, 5, & 6.
3	Aug 2007	Update: Complete replacement. Correction-"Receipt of Stack Test Report" action type as a Discovery Date action versus PCE, page 44. Addition of Section 15, Dropped HPV Cases, page 56.
3.1	Sep 2007	Update: Additional HPV Discovery Date action type of TV ACC Due/Received, reference pages 49, 51, 52.
4.0	Mar 2009	Updated MDR Table page 6, new CMS categories for Tribal sources page 11, new CMS Fixed reports page 15, historic CMS category codes page 16, updated archive rule page 18, added new TIP air program code page 24, moved compliance status value 7 to out of compliance values page 27-28, new optional stack test actions page 36, included new HPV enhancements and retrievable acronyms pages 44, added federal Air Toxics Initiative page 65, added AFS Utilities schedule Appendix 9, updated all appendices. Updated listing of allowable duplicate action types (5/22/09)
4.1	Aug 2009	Added contingency planning documentation to security section (section 4) and AFS contacts list (section 8). Addition of Appendix 10: AFS Contingency Planning Data Entry Form

INTRODUCTION

In July of 2003 at the National AFS Workshop in Chicago, IL, draft AFS Business Rules were introduced to all participants. These draft Business Rules are to become the documentation for how data is reported and used in AFS.

During the summer and into the fall of 2003, teleconferences with all ten EPA Regions and interested state and local participants were held to review each page and each record of the documents. Definitions were fleshed out and descriptions added resulting from the conversations held. An average of four, one-hour conference calls were held with each Region. The resulting document was provided to the Air Branch Chiefs for comment, review and approval.

The information documented in the Business Rules will be used for three important purposes: to provide all users of the Air Facility System (AFS) with a guide for the interpretation of data fields, to complete a Closeness of Fit Analysis (COFA) with the Integrated Compliance Information System (ICIS) in a modernization effort; and for further integration with the Agency's multi-media information in systems like the Online Targeting and Information System (OTIS) and the Enforcement Compliance History Online (ECHO) system.

Suggestions for changes or additions to the compendium (please refer to Appendix 8 for an optional form to be filed out to aid in submitting comments and updates to the compendium) can be forwarded to:

- An Regional AFS Compliance Manager
- The AFS Helpline, Voice 1-800-367-1044, FAX 860-278-2400, or email to AFShelpline@trcsolutions.com
- AFS System Administrator, Betsy Metcalf, Voice 202-564-5962, FAX 202-564-0032, or email to metcalf.betsy@epa.gov
- AFS Security Manager, Akachi Imegwu, Voice 202-564-0045, Fax 202-564-0032, or email to imegwu.akachi@epa.gov

Suggestions for changes/additions will be distributed among the Regional AFS Compliance Managers for comment, and then reviewed in the AFS Configuration Control Board. After approval by the Board, the compendium will be updated.

SECTION 1: CURRENT MINIMUM DATA REQUIREMENTS (MDRs)

The Clean Air Act (CAA) describes in detail the reporting requirements for agencies authorized with delegation. EPA maintains several databases that track Air Compliance and Enforcement activity. AFS is the national repository for air stationary source surveillance and state enforcement activity. It maintains a universe of sources considered "Federally Reportable". Federally Reportable sources are those which exceed (Major Sources) or have the potential to exceed (Synthetic Minor Sources) a pollutant's major emission threshold; operating Part 61 National Emission Standard for Hazardous Air Pollutant (NESHAP) sources regardless of emission level, sources identified within the Compliance Monitoring Strategy (CMS) plan, any facility with a formal enforcement action, and any facility with an active HPV. See also Appendix 7, Acronyms Used in this Document, for the definition of air program acronyms.

Every three years, an effort to document reporting requirements and measure the cost of data maintenance is completed. The "Information Collection Request (ICR)" is an identification of information collected by the Air Compliance and Enforcement community for support of the program. The most recent ICR can be found on the AFS Web Page at: http://www.epa.gov/compliance/data/systems/air/afssystem.html

The ICR provides a table of Minimum Data Requirements (MDRs). The following information provides a version of that document:

TABLE 1
SUMMARY OF NATIONAL MINIMUM DATA REQUIREMENTS (MDRs) FOR CLEAN AIR ACT STATIONARY SOURCE COMPLIANCE

Note: Unless otherwise noted, both Regions and states/locals report their data. The reportable universe of facilities for AFS includes: Major, Synthetic Minor and Part 61 NESHAP Minor facilities, other facilities identified within the CMS Evaluation Plan, any facility with a formal enforcement action and any facility with an active HPV. Facilities with formal enforcement actions (administrative orders, consent decrees, civil or criminal referrals and actions) should be tracked in AFS until the resolution of the violation, regardless of classification. If a minor source is included in the CMS universe, has a current enforcement action of <3 years old, or is listed as a discretionary HPV, it is considered reportable to AFS. Individual regional/state agreements are not superseded by this listing.

Identification	**AFS Acronym**
1. Facility Name	PNME
2. State	STAB/STTE
3. County	CNTY
4. Facility Number	PCDS
5. Street	STRS
6. City	CYNM
7. Zip Code	ZIPC
8. SIC or NAICS Code	SIC1/NIC1
9. Government Ownership	GOVT
10. HPV Linkage and Key Action (Day Zero)	Linked from Action Data
Compliance Monitoring Strategy (CMS)	
11. CMS Source Category	CMSC
12. CMS Minimum Frequency Indicator	CMSI

Note: Generally EPA enters these fields into AFS; state/locals provide this information per agreement with the EPA Region. An EPA Region may delegate data entry rights to a state/local agency.

All Regulated Air Program(s) [Note: All applicable air programs should be reflected at the plant level of AFS.]	
13. Air Program	APC1
14. Operating Status	AST1
15. Subparts for NSPS, NESHAP and MACT	SPT1

Note: Any applicable subpart for the NSPS, NESHAP or MACT air program at major and synthetic minor sources, minor source NESHAP and all other facilities reported as MDR. Reporting of minor source NSPS and MACT subparts are optional but recommended.

Regulated Pollutant(s) within Air Program(s)	
16. Pollutant(s) by Code or Chemical Abstract Service Number	PLAP/CAPP
17. Classification(s): EPA/ST	ECLP/SCLP

18. Attainment Status: EPA/ST EATN/SATN
19. Compliance Status: EPA/ST ECAP/SCAP

Actions Within Air Programs (includes Action Number, Type, Date Achieved)

20. Minimum Reportable Actions:
    - Informal Enforcement Actions: Notice of Violation(s)
    - Formal Enforcement Actions: Administrative Order(s) and Assessed Penalties, Consent Decrees and Agreements, Civil and Criminal Referrals, Civil and Criminal Actions
    - HPV Violation Discovered: Linked actions are FCEs, PCEs, Stack Tests (Observed or Reviewed), Title V Annual Compliance Certifications, Stack Test Notification Receipt
    - HPV Addressing Actions: Linked actions include but are not limited to State/EPA Civil or Criminal Referrals, State/EPA Civil or Criminal Actions, Administrative Orders, Consent Decrees, Source Returned to Compliance by State/EPA with no Further Action Required.
    - HPV Resolving Actions: Linked actions include but are not limited to Violation Resolved, Closeout Memo Issued, Source Returned to Compliance by State/EPA with no Further Action Required.
    - Full Compliance Evaluations (On or Off Site)
    - Stack Tests: Pass/Fail/Pending codes (PP/FF/99) are reported in the results code field, pending codes must be updated within 120 days.
    - Title V Annual Compliance Certification Due/Received: Reported by EPA unless otherwise negotiated. The Due Date of a Title V Annual Compliance Certification will be reported as Date Scheduled on the "Title V Annual Compliance Certification Due/Received by EPA" action, and is not enforcement sensitive.
    - Title V Annual Compliance Certification Reviewed: Includes Results Codes for Annual Compliance Certification reviews: in compliance (MC), in violation (MV) and unknown (MU). Annual Compliance Certification deviations(s) will be indicated in RD08 for EPA reviews (and state reviews as negotiated).
    - Investigations: EPA Investigation Initiated (started) and State/EPA Investigation Conducted (finished). State Investigation Initiated is added for optional use. EPA and State Investigation Initiated (started) action types are enforcement sensitive.

Additional Action Information:

21. Results Code RSC1

Note: Pass/Fail/Pending (PP/FF/99) codes are reported for Stack Test actions. Compliance Results Codes of "In Compliance (MC), In Violation (MV), or Unknown (MU)" are entered for Title V Annual Compliance Certification reviews.

22. RD08 (Certification Deviations) RD81

Note: EPA reports into AFS unless otherwise negotiated. Compliance Codes of "In Compliance (MC), In Violation (MV), or Unknown (MU)" are entered for Title V Annual Compliance Certification reviews.

23. Date Scheduled DTS1

Note: The Due Date of a Title V Annual Compliance Certification will be reported as Date Scheduled on the "Title V Annual Compliance Certification Due/Received by EPA" action, and is not enforcement sensitive.

24. HPV Violation Type Code(s) VTP1

Note: To be identified when the Day Zero action is established.
25. HPV Violating Pollutant(s) VPL1
Note: To be identified when the Day Zero action is established.

Timeliness Standard
26. Action Reported within 60 Days of Event reported in the Date Achieved (DTA1) field of the action record for state and local agencies, with a minimum upload of six (6) times per year. Monthly updating is encouraged. Federal Data is to be reported on a monthly basis.

OPTIONAL/DISCRETIONARY DATA REPORTING TO AFS: NON-MDR DATA

The following items cover data that is not considered an MDR, but will be useful and helpful for program implementation, evaluation and oversight. State and local agencies are encouraged to report the following items whenever practicable.

- Minor Facility information: For minor sources that are not MDR (MDR for minor facilities is defined as: Minor NESHAP, a minor facility identified within the CMS plan for evaluation, minor facilities with an enforcement action <3 years old, or any HPV case regardless of class) reporting is optional but encouraged. Minor source information would include NSPS and MACT subpart applicability.

- Stack Test Pollutant (PLC1)

- Partial Compliance Evaluations (PCEs) and specific reporting of On-Site PCE activity defined as: Complaint Partial Compliance Evaluation, Permit Partial Compliance Evaluation, Process Partial Compliance Evaluation, Partial Compliance Evaluation On-Site Observation. (Note: All PCEs are required to be reported by EPA Regional offices. Also, any negotiated PCEs that are part of an alternative frequency which is part of an agency's CMS plan are required to be reported.)

- Reporting more frequently than every 60 days.

- State Investigations initiated (Enforcement Sensitive).

- Title V Permit Program Data Elements (PPDEs): Required for reporting to AFS by the Office of Air Quality Planning and Standards (OAQPS), used by the Office of Enforcement and Compliance Assurance (OECA) for major source universe population. To be established when the Title V permit is issued. AFS will require the establishment of an AFS ID, the individual permit number, category, and event type for permit issued plus the date achieved. Permit Program Data Elements (PPDEs) include the Permit Number (ASPN), Permit Category (PMTC), and Permit Issuance Event Types (IF-Permit Issued and IR-Permit Renewal) and the date (PATY/PDEA).

SECTION 2: CLEAN AIR ACT STATIONARY SOURCE COMPLIANCE MONITORING STRATEGY (CMS) POLICY AS IMPLEMENTED IN AFS

A. BACKGROUND:

In April 2001, the Clean Air Act (CAA) Stationary Source Compliance Monitoring Strategy (CMS) was revised to provide national consistency in developing stationary source air compliance monitoring programs. The CMS provides a framework for developing stationary source air compliance monitoring programs that focus on achieving measurable environmental results. State, Locals, and Regions record their compliance monitoring activities and enter facility-specific compliance data in AFS.

The CMS introduces new compliance monitoring tools: Full Compliance Evaluations, Partial Compliance Evaluations, and Investigations. A Full Compliance Evaluation (FCE) is a comprehensive evaluation of the compliance status of a facility. It addresses all regulated pollutants at all regulated emission units. Furthermore, it addresses the current compliance status of each emission unit, as well as the facility's continuing ability to maintain compliance at each emission unit. A Partial Compliance Evaluation (PCE) is a documented compliance assessment focusing on a subset of regulated pollutants, regulatory requirements, or emission units at a given facility. A PCE should be more comprehensive than a cursory review of individual reports. It may be conducted solely for the purpose of evaluating a specific aspect of a facility, or combined over the course of a year to satisfy the requirements of a Full Compliance Evaluation. PCEs may include: Site Visits, Conferences, Review of Required Reports, Compliance Reviews of individual Air Programs, Emission Inventory reviews, Stack Test reviews, or other activities. **It is recommended that Regional values of PCEs describe the evaluating action taking place, such as "Conference on Site" or "RATA Review"**. An Investigation is limited to a portion of a facility, is more resource intensive, and involves a more in-depth assessment of a particular issue. It usually is based on information discovered during a Full Compliance Evaluation, or as the result of a targeted industry, regulatory, or statutory initiative. Also, an Investigation often requires the use and analysis of information not available in EPA data systems. It is best used when addressing issues that are difficult to evaluate during a routine FCE because of time constraints, the type of preliminary field work required, and/or the level of analytical expertise needed to determine compliance.

Additionally, stack testing is an important tool used to determine a facility's compliance with emission limits established pursuant to the CAA. CMS recognized that consistent, complete and accurate stack test information is critical in managing a national air program. Hence, the CMS recommends that States/Locals should conduct a stack test, or require the facility to conduct a stack test, whenever they deem appropriate. States/Locals should also conduct a stack test, or require the facility to conduct a stack test, when there are no other means for determining compliance with the emission limits. The data and results (Pass/Fail) of all stack tests should be entered in AFS, and the High Priority Violation (HPV) status adjusted as appropriate.

The policy focuses on Title V major and larger synthetic minor sources. These sources are marked in AFS with a CMS Category:

CMS CATEGORIES (CMSC)

CMSC	DESCRIPTION
A	STATE/LOCAL AGENCY OVERSIGHT AT MAJOR SOURCES
E	EPA OVERSIGHT FOR TRIBAL LANDS AT MAJOR SOURCES
M	STATE/LOCAL AGENCY OVERSIGHT AT MEGA SOURCES
G	EPA OVERSIGHT FOR TRIBAL LANDS AT MEGA SOURCES
S	STATE/LOCAL AGENCY OVERSIGHT AT 80% SYNTHETIC MINOR SOURCES
N	EPA OVERSIGHT FOR TRIBAL LANDS AT 80% SYNTHETIC MINOR SOURCES
O	STATE/LOCAL AGENCY OVERSIGHT AT OTHER/ALTERATIVE SOURCES
Z	EPA OVERSIGHT FOR TRIBAL LANDS AT OTHER/ALTERATIVE SOURCES

Since the inception of the policy, an additional category has been introduced: O=Other. This category allows States and Regions the ability to include minor or other than 80% Synthetic Minor sources into the plan, as negotiated alternatives for sources that are not being evaluated within the negotiated time frame as agreed upon with the Regional office. In order to accurately track and document evaluations of sources on tribal lands, additional values have been added to the CMS table in 2008.

Along with a CMS category, each source in the plan has a recommended evaluation frequency. The default values for each category are:

A/E Major Sources: Evaluation every 2 Years
M/G Mega Sources: Evaluation every 3 Years
S/N 80% Synthetic Minor Sources: Evaluation every 5 Years
O/Z Other Sources: No default value

The CMS policy was placed into effect during FY2002. The first two years of the policy are FY2002 - FY2003. Major sources identified in the plan should have received a Full Compliance Evaluation during this period. AFS can provide detailed listings of sources that have been identified as belonging to the CMS universe, along with dates of last evaluation.

B. PLAN IMPLEMENTATION AND AUTOMATIC UNKNOWN COMPLIANCE STATUS:

CMS plans are renewed every two years, with updating allowed on an annual basis. The CMS policy also includes tracking of stack test observations, and reviews completed by Regional and State staff. Previous monitoring policies did not credit in-house reviews of stack tests. Also included are the reviews of Annual Compliance Certifications from Title V sources. These new reviews are also reported to AFS and include deviations reported and reported compliance.

Another feature of the plan is the ability to use AFS to generate an unknown compliance status for any CMS source that has not received a Full Compliance Evaluation within the negotiated frequency. The automatic unknown compliance status generation utility will generate a “U” value to the EPA Compliance Status fields. AFS will use the date of last inspection or evaluation, compare it to the current date and then if no evaluation has been completed during the frequency period, automatically generate an unknown compliance status value of “U”. AFS will maintain the generated status on the SIP or FESOP air program code, using the pollutant “FACIL”.

The original utility in AFS utilized the CMS Category (CMSC) and the supplied Evaluation Frequency (CMSI) and the date of the last evaluation to generate an unknown compliance status. Also included in the algorithm was the ability to identify plants that had been recently added to AFS or had a change in their CMS category, in order to correctly generate the status. A value of “U” for “Unknown Compliance Status” was generated in the EPA Compliance Status values for plants that have not been evaluated within their indicated frequency, based on a ‘rolling window’ of time. For example, a major source with the default evaluation period was defined with a CMSC of ‘A’ and a CMSI of ‘2'. Unknown compliance at this plant would be generated after 730 days from its last evaluation. The utility used to generate the unknown value runs in two parts: Generation and Un-generation of the unknown value.

The application of the Unknown Compliance Status on a rolling-day window required that the subsequent evaluations had to be held before the next scheduled evaluation otherwise the unknown value would be applied. For example, if a source was evaluated on October 1, 2002, then it would need to be evaluated on or before October 1, 2004 in order to avoid the unknown value. State and Local Agencies requested a review of the utility in order to provide more flexibility in the scheduling of subsequent evaluations.

The utility was changed on October 1, 2005. The new utility does not generate the Unknown Compliance Status until the end of a fiscal year in which the plant is scheduled for evaluation. For example, a plant evaluated in January 2003 has a CMSC of “A” and a CMSI (frequency) of 2. The previous utility would use a rolling window of time for the generation of the unknown status, and would generate it in January 2005 if no Full Compliance Evaluation activity has been entered into AFS. Now, state/local agencies will have until the end of FY2005 (September 30, 2005) to evaluate the plant. This provides the State/Local Agency with the flexibility to use the remainder of the fiscal year in which to evaluate the plant.

Additionally, **the generation of Unknown Compliance Status in the new utility will not be run until December of each year** in order to provide a 60-day lag of application, in accordance with the requirements of the recently-renewed Information Collection Request (ICR). During the months of October and November of 2005 the generation of the value will not be run. The un-generation of the unknown value, however, will continue to run monthly.

Appendix 9, AFS Utilities in 2009, provides a schedule of when the system will be updated with automatic Unknown Compliance Status generation. The charts in Appendix 1 show how the utility will be executed in AFS, additionally; the table below indicates the differences between the utilities.

Utility Features	Old Utility	New Utility
Uses CMSC, CMSI, Default Date of the Latest FCE, CMS Start Date and the current default Compliance Status to generate unknown compliance.	Same	Same
Sources already in noncompliance or unknown compliance are not affected	Same	Same
Air Program	Utility used existing air programs, starting with SIP and working downward until an existing air program code was utilized.	Utility will use either the Title V or SIP air program. If Title V is present, it will be used. If not, SIP will be used. If SIP is not present, the utility will generate the SIP air program.
Air Program Pollutant	The unknown value of "U" is generated on the FACIL air program pollutant. If this pollutant is not already present on the plant records, it is generated.	Same as the old utility.
Frequency of Utility	The Generation and Un-generation of the value was originally run each night. Due to Working Capital Fund restrictions, the frequency of the utility was recently changed to a monthly basis.	The generation utility will be run once a month, during the first Thursday of the month, with the exceptions of October and November of each year. This ensures that the values are correctly generated before the OTIS/ECHO extracts from AFS are completed during the second weekend of each month, and before AFS generates monthly historic compliance status values. **At the start of each fiscal year, the generation will be delayed for 60 days (not run during October and November); however, the un-generation will continue on a monthly basis.**

ABC's of Generating an Unknown Compliance Status

A = Actual (FY of the latest ***A***ctual FCE)
B = Baseline (FY of the ***C***urrent date - CMSI)
C = Current (FY of the ***C***urrent Date)
If ***B*** is greater than ***A***, then generate unknown compliance

Apply the formula above to these examples to see how the utility will generate Unknown Compliance Status:

Example	Dates of Latest FCE for major sources with a CMSC of A and a CMSI of 2:	With no FCE reported, Unknown Compliance will generate on:
1	February 12, 2004	December 1, 2006
2	July 16, 2005	December 1, 2007
3	September 5, 2004	December 1, 2006
4	October 31, 2004	December 1, 2007
5	December 1, 2004	December 1, 2007
6	July 16, 2003	December 1, 2005

Explanation of Example 1 -
A = FY04 (February 12, 2004)
B = FY05 (October 1, 2006 (FY07) - 2)
C = FY07 (October 1, 2006)
If ***B*** (FY05) is greater than ***A*** (FY04), then generate unknown compliance

Explanation of Example 2 -
A = FY05 (July 16, 2005)
B = FY06 (October 1, 2007 (FY08) - 2)
C = FY08 (October 1, 2007)
If ***B*** (FY06) is greater than ***A*** (FY05), then generate unknown compliance

Explanation of Example 3 -
A = FY04 (September 5, 2004)
B = FY05 (October 1, 2006 (FY07) - 2)
C = FY07 (October 1, 2006)
If ***B*** (FY05) is greater than ***A*** (FY04), then generate unknown compliance

Explanation of Example 4 -
A = FY05 (October 31, 2004)

B = FY06 (October 1, 2007 (FY08) - 2)
C = FY08 (October 1, 2007)
If ***B*** (FY06) is greater than ***A*** (FY05), then generate unknown compliance

Explanation of Example 5 -
A = FY05 (December 1, 2004)
B = FY06 (October 1, 2007 (FY08) - 2)
C = FY08 (October 1, 2007)
If ***B*** (FY06) is greater than ***A*** (FY05), then generate unknown compliance

Explanation of Example 6 -
A = FY03 (July 16, 2003)
B = FY04 (October 1, 2005 (FY06) - 2)
C = FY06 (October 1, 2005)
If ***B*** (FY04) is greater than ***A*** (FY03), then generate unknown compliance

Appendix 1 contains a chart that shows further information on the automated utility process.

See Section 3C-Action Records for specific requirements for each CMS policy data element. For further information on the CMS policy and implementation in AFS, refer to: http://www.epa.gov/compliance/resources/publications/data/systems/air/cmstechman.pdf

C. TRACKING CMS PLANS WITH AFS FIXED REPORTS:

Two useful reports have been added to AFS to facilitate tracking of CMS plan completion: AFS 655-CMS Summary and AFS 670-Illogical CMS Assignments.

The AFS 655 Report highlights each source within the CMS plan (identified by CMS category) and, depending upon the date of the report execution, determines if the source has been evaluated within the negotiated frequency identified in the CMSI field. This report is available as a printed report or workfile. It is recommended that the report be run as a workfile for data manipulation.

The AFS 670 Report targets sources with illogical CMS category assignments. For example, if a minor source has been identified with CMSC of S (identifying it as an S-80% Synthetic Minor source), the source will be presented in the report's output. Any major source not included in the CMS plan (default classification is A and CMSC is blank) is also included in the output of the report. This report is available as a printed report or workfile. It is recommended that the report be run as a workfile for data manipulation.

D. HISTORIC CMS RECORDS:

During FY2008 the system was asked if historic values of the CMSC could be maintained within AFS. State Review Framework (SRF) reviews of prior fiscal years are using current CMSC and CMSI values that in many cases have been changed since the timeframe of review. Programming is underway to create historic records of the CMSC and CMSI in AFS and is expected to be completed by FY2010.

SECTION 3: USING AFS FOR COMPLIANCE/ENFORCEMENT TRACKING

A. PLANT LEVEL RECORDS

AFS maintains a Plant General record which includes all source geographical information such as Plant Name, Street Address, City, County Name, State, Government Facility Code and Zip Code. Along with this information are optional data reporting features for mailing address, staff assigned to track the source, contact names and telephone numbers, and other miscellaneous information. This section of the compendium will document information about data on the Plant General Records. See Appendix 2 for a list and description of the fields in the AFS structure.

1. Entering a New Plant and Identification Numbers into the Database:
The FIP State and County code plus a five-digit PCDS number are required to enter a new plant in AFS. Numbering conventions for the PCDS number are at the discretion of the delegated agency. There should be only one plant ID for each source. A plant is defined as an entity operating at a physical location contained within a fence line. Change of ownership does not affect a source number; history of the source goes to the new owner. A plant identification number should change if the facility changes physical location. A change in location not only requires a new identification number, but requires all historic information to be reestablished under the new number. It is recommended that when a new major source is established in AFS, the AFS Plant ID number (for Title V Operating Permit Data) also be established.

On June 30, 2004 the AFS Configuration Control Board approved the following procedure for plants that may relocate:

WITHIN THE SAME STATE, SAME COUNTY: A change of Street Address (STRT) is required. Optional records via a comment or action (Address Change) may be entered into AFS to document the address change (this optional information is strongly encouraged).

WITHIN THE SAME STATE, DIFFERENT COUNTY: A new SCSC is required. The Source Swap utility is available to facilitate changing the plant ID. Contact the AFS Helpline for assistance in maintaining Compliance History records.

LOCATION CHANGE TO A DIFFERENT STATE: Data changes for plants relocating to different states should be handled on a plant-by-plant basis, as different legal situations will apply. Should the relocation cross EPA Regional boundaries, the appropriate AFS Compliance Manager should be contacted for instructions on assigning ID numbers.

2. Plant Name:
AFS has a 40-character field for Plant Name. The current plant name is to be recorded in this field, taken from a plant permit or other documents commonly used such as invoices, signs, telephone listings or other business documents. Many agencies use the name cited on the Title V permit for the Plant Name. The name should identify the owning corporation and site name, if applicable. Name changes should be entered as soon as they are identified to the delegated

agency. Many agencies document a name change in the plant comments and/or Regional actions.

3. Latitude/Longitude:
Data in latitude/longitude fields in AFS is considered obsolete. It was owned and maintained by the Air Emission Inventory community which no longer uses AFS as its repository of data.

4. SIC/NAIC Codes:
AFS will accept either Standard Industrial Code (SIC) or the North American Industrial Code (NAIC) codes; however, it is recommended that BOTH codes be populated. During FY2008, efforts have been made to populate NAICS fields for those SICs with one-to-one definitions in order to increase the number of sources with populated NAICS codes. The primary SIC/NAICS code should reflect the major activity at the plant. A new ad hoc acronym called **SCNC** has been created and will function like an "OR" operator between SIC and NAICS code searches in ad hoc retrievals. This new search acronym can be used to search for plants that have a SIC or NAICS code that matches the specified value given by the user in any ad hoc retrieval. It compares the User-specified value with the primary SIC code and the NAICS code on the Plant-General record. If the SCNC value is 4 digits long, it will be compared against the plant's SIC code. If the SCNC value is 6 digits long, it will be compared against the plant's NAICS code. SCNC values of lengths other than 4 or 6 will return nothing as these codes do not exist in AFS.

5. State Registration Number:
Although this is an optional reporting field, it is encouraged that agencies populate their own system number in AFS for reference. This field can be used to facilitate reconciliation of state systems to AFS.

6. Governmental Facility Code:
This field identifies sources owned or operated by different levels of government. Although identification of the owner/operator can be defined down to the municipal level, at a minimum any federally owned/operated source needs to be defined.

7. Portable Sources:
The County Code of "777" is to be used for reporting portable sources to AFS. A portable source is defined as a process that may or may not be permitted but can be moved from place to place, for example, an Asphalt Processing Plant is movable from site to site and can emit pollutants above the major threshold level. The Facility Registry System (FRS) and ENVIROFACTS web site will map and present sources with a "777" county number as located at the center of the county identified by the Plant City Name.

8. Archiving Permanently Closed Sources:
The Operating Status of Permanently Closed is used when the source owner/operator has no future legal right to reopen the source without full review by the permitting authority, i.e. where the owner/operator has relinquished all permits to the permitting authority. Permanently Closed sources may be archived from the production mode of AFS after six years of no activity IF the following situations are true:

- The source has never had a high priority (HPV) or significant violation (SV);
- Has never been part of a CMS plan;
- Has never had formal enforcement activity; or
- Has never had a change to compliance status history.

Sources that have had these situations must not be archived. It is requested that these sources not be removed from the production mode of the database unless the data is incorrect. HPV/SV data as well as evaluation plans are used in many different types of data analyses. Compliance history information is used in trend analyses. It is recommended that state and local users of AFS contact their Regional AFS Compliance Manager before archiving sources, as some regions have instituted procedures for class change, deletion of plants, and archiving. Regional managers may require additional archiving procedures, but regional requirements should be as stringent as this guidance.

9. Local Control Region (LCON):
The Local Control Region is a user defined two-character code identifying the local control region with jurisdiction over a plant. It is an optional field, and can be used to identify a facility to which a Region, State or Local Agency may have jurisdiction. Use of the LCON field can quickly facilitate oversight of sources within an agency were jurisdiction crosses county or city lines, but not state lines.

An ad hoc retrieval from AFS using county code(s) in the selection criteria may result in more facilities than needed. However, if LCON = xx is used as selection criteria, then only those facilities within the LCON will be presented in the report. LCON selection criteria are also available in OTIS and ECHO as options for retrieving data.

When used in update, LCON values will be validated against the LCON table. The LCON table will be located as an entry on the Utility Table menu and it has the same functions as other tables in AFS. LCON values can be globally entered for all plants in a geographic area. Use batch transaction type 10-3 for the specific geographic area, and include the following information:

SCSC	columns 1-10
Transaction type	column 11-12; Value ‘10’
Sequence code	column 13; Value ‘3’
LCON	columns 67-68
Update code	column 80; Value ‘C’

In June 2006, the listing of LCON values in the AFS were updated (please see Appendix 4 for the listing of LCON values as of March 2009).

B. AIR PROGRAM AND AIR PROGRAM POLLUTANT RECORDS

1. Air Programs:
An Air Program code in AFS defines a regulatory program of the Clean Air Act applicable to a facility**. All applicable air program codes are to be reported.** In cases where State or Local

delegations incorporate stricter requirements than the federal regulatory program, reporting of the federal air program is sufficient. A plant must have at least one applicable air program with one air program pollutant in order to be established in AFS. Air program codes are also necessary for reporting actions in AFS, and must be established on Screens 302/303 (Air Program Update and Air Program Pollutant Update) before use in an action record. Permits issued to a source will document the applicable air programs and can be used as a source of data for this field.

a. **Air Program Operating Status**:
An operating status must be reported for each air program. The Operating Status represents the operational condition of a plant associated with a given air program. The most significant value will bubble up to the Plant General Record. The value of most significant operative value to least is: O=Operating, L=Landfill, R=NESHAP Renovation, D=NESHAP Demolition, S=NESHAP Spraying, I=Seasonal, T=Temporarily Closed, C=Under Construction, P=Planned Facility, X=Permanently Closed. Statuses O, T, and I are used in the National RECAP reporting measures. Values L=Landfill, R-NESHAP Renovation, and D=NESHAP Demolition and S=NESHAP Spraying are considered obsolete.

b. Applicable Air Program Codes:

0 State Implementation Plan (SIP)
1 SIP Source under Federal Jurisdiction
3 Non-Federally Reportable Source
4 Chlorofluorocarbons (CFC) Tracking
6 Prevention of Significant Deterioration (PSD)
7 New Source Review (NSR)
8 National Emission Standards for Hazardous Air Pollutants (NESHAP)
9 New Source Performance Standards (NSPS)
A Acid Precipitation
F Federally Enforceable State Operating Permit – Non Title V (FESOP)
I Native American
M Maximum Achievable Control Technology (MACT) Section 63 NESHAP
T Tribal Implementation Plan (TIP)
V Title V Permits

Air program code definitions continue:

Code	Description
0	State Implementation Plan (SIP)

Section 110 of the Clean Air Act requires each state to adopt and submit to EPA for approval a SIP that provides for the maintenance, implementation and enforcement of the National Ambient Air Quality Standards (NAAQS). Each SIP must include a permit program to regulate the modification and construction of any stationary source of air pollution, including stationary sources in attainment and nonattainment areas of the state, as necessary to assure that NAAQS are achieved. SIP requirements are federally enforceable under Section 113 of the Act. Reference 40 CFR Part 52. The SIP air program is considered applicable to each Federally Reportable stationary source in AFS.

Additional reporting requirements for SIP are promulgated as standards for various industrial categories. These standards are reported as subparts to the SIP, and are generally identified using the same subpart identification as the New Source Performance Standards (NSPS). Reporting of SIP subparts are optional, see Air Program Code 9, New Source Performance Standards (NSPS) for a list of applicable subparts.

1 SIP Source under Federal Jurisdiction (FIP)

Under current law, a federally implemented plan to achieve attainment of air quality standards is used when a state is unable to develop an adequate plan, or if jurisdiction does not exist. Sources located on Indian Land should reflect the Native American air program code.

3 Non-Federally Reportable

Used to report State/Local/Tribal requirements not defined as federally reportable [reference Section 1, Minimum Data Requirements (MDRs)].

4 Chlorofluorocarbons (CFC) Tracking

Under Title VI of the Clean Air Act, EPA is responsible for several programs that protect the stratospheric ozone layer. These programs include: Motor Vehicle Air Conditioning; Stationary Refrigeration and Air Conditioning, Halon Blends and Handling; Phase-out of Ozone Depleting Substances; Methyl Bromide; Nonessential Products Ban; Product Labeling, and Federal Procurement. Reference 40 CFR Part 82. This program is not delegated to State, Local, or Tribal agencies. Evaluations completed at a source with only the CFC air program should be reported as an FCE, evaluations completed at sources with multiple air programs should be reported as PCEs.

6 Prevention of Significant Deterioration (PSD)

Part C of the Clean Air Act sets requirements for the prevention of significant deterioration (PSD) of air quality in those areas designated as either attainment or unclassifiable for purpose of meeting the National Ambient Air Quality (NAAQS) standards. These requirements are designed to protect public health and welfare, to assure that economic growth will occur in a manner consistent with the preservation of existing clean air resources and to assure that any decision to permit increased air pollution is made only after careful evaluation of all the consequences of such a decision and after public participation in the decision making process. PSD prohibits the construction and operation of a major emitting facility in an area designed as attainment or unclassifiable unless a permit has been issued that compiles with Section 165 of the Act, including the requirement that the facility install the best available control technology for each pollutant subject to regulation.

7 New Source Review (NSR)

New Source Review is a preconstruction permitting program that serves two important purposes:

a. It ensures the maintenance of air quality standards when factories, industrial boilers and power plants are modified or added. In areas with unhealthy air, NSR assures that

new emissions do not slow progress toward cleaner air. In areas with clean air, especially pristine areas like national parks, NSR assures that new emissions fall within air quality standards. Emission calculations are completed using potential emissions.

b. The NSR program assures that state of the art control technology is installed at new plants or at existing plants that are undergoing a major modification.

In August 2003, EPA issued a final rule that creates a category of activities that automatically will be considered routine maintenance, repair and replacement (RMRR) under the NSR permitting program. The rule defines a process unit, delineates the boundary of a process unit, defines a "functionally equivalent" component, and defines basic design parameters for electric utility steam generating units and other types of process units. See http://www.epa.gov/ttn/nsr/rule_dev.html for a copy of this rule.

8 National Emission Standards for Hazardous Air Pollutants (NESHAP PART 61)
Section 112 of the Clean Air Act identifies substances that have been designated as hazardous air pollutants (HAPs), known for serious health effects, including cancer, from ambient air exposure. HAPs include: Asbestos, benzene, beryllium, coke oven emissions, inorganic arsenic, mercury, radio nuclides and vinyl chloride. Reference 40 CFR Part 61. Additional reporting requirements for NESHAP are promulgated as standards for various industrial categories. These standards are identified as subparts to the NESHAP, and can be reported to AFS in the 302/502 (Air Program) screen. Subpart reporting is mandatory. For a complete listing for the codes for 40 CFR Part 61 (NONMACT NESHAP) Subpart please refer to Appendix 5: NSPS, NESHAP and MACT Air Subpart Tables.

9 New Source Performance Standards (NSPS PART 60)
Section 111 of the Clean Air Act requires EPA to publish a list of categories of stationary sources that emit or may emit any air pollutant, and to establish federal standards of performance for new sources of air pollutants. The list must include categories of sources which are determined to cause or significantly contribute to air pollution which may endanger public health or welfare. "New sources" are defined as stationary sources, the construction or modification of which is commenced after the publication of the regulations or proposed regulations prescribing a standard of performance applicable to such source. Reference 40 CFR Part 60. Additional reporting requirements for NSPS are promulgated as standards for various industrial categories. These standards are reported as subparts to the NSPS and also to the SIP. Reporting of NSPS subparts is mandatory. As all subpart identifiers are added to AFS as upper-case letters, a conflict with certain subparts using upper and lower case letters has required a special character use for proper identification of the subpart. Two NSPS subparts have been identified with conflicting upper and lower case letters. The AFS Control Configuration Board (CCB) approved the following data entry procedure on June 30, 2004 for use in uniquely identify the following subparts:

AA/A will report AAA: Standards of Performance for Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed after August 7, 1983

AAA will continue to report AAA: New Residential Wood Heaters

C/C will report Cc: Municipal Solid Waste Landfills

CC will continue to report CC: Standards of Performance for Glass Manufacturing Plants

The use of the "/" character before a lower case letter will provide unique identification of the subpart within AFS.

For a complete listing of codes for 40 CFR Part 60 (NSPS/SIP) Subparts please refer to Appendix 5: NSPS, NESHAP and MACT Air Subpart Tables.

A Acid Precipitation

The Acid Rain Program requires major reductions of sulfur dioxide and nitrogen oxide emissions (key components of acid rain) from electric utilities, while establishing a new approach to environmental protection through the use of market incentives, a "cap and trade" process. Affected sources are required to install systems that continuously monitor emissions in order to track progress, ensure compliance, and provide credibility to the trading component of the program. Regulated sources must report all emissions as measured by continuous emissions monitors. EPA has established standard reporting procedures and has issued standard software for such reporting. Emissions are submitted to the Emissions Tracking System (ETS) using ETS-FTP software. Although AFS users are encouraged to identify and track CFC tracking sources, the tracking of this program is done in the ETS-FTP software. See http://www.epa.gov/airmarkt/reporting/edr21/index.html for more information on reporting Acid Rain emissions.

F Federally Enforceable State Operating Permit Program (FESOP)

This program (usually through SIP revision) provides a mechanism for states to establish federally enforceable State operating permits limiting the potential to emit for sources to remain below the applicability threshold for the operating permits program of Title V of the Clean Air Act (CAA). This program is available to allow States to issue FESOPs to small sources and exempt them from the Title V review, as the large number of small sources could be a resource burden on both the agency and the small sources. FESOP provides the mechanism to establish federally enforceable limits on sources' potential to emit below the Title V threshold. This air program is used for reporting sources classified as Synthetic Minor (SM).

I Native American

This program is used to identify sources located on Indian Lands. Sources do not have to be operated by tribal entities, but are subject to Tribal authority. In the absence of a Tribal Authorization Rule (TAR) or Implementation Plan (TIP), this air program will be used to identify any source subject to Tribal rule. All other applicable air programs need to be identified.

M Maximum Achievable Control Technology (MACT PART 63)

The EPA is directed to use technology-based and performance-based standards to significantly reduce routine emissions of hazardous air pollutants of facilities within an industry group or source category. The NESHAP standards implemented in 1990 regulate specific categories of stationary sources. The standards of this part are independent of NESHAP. A MACT standard is based on emission levels that are already being achieved by the lower-emitting sources of an industrial sector. Eight years after a MACT standard is issued, EPA must assess the remaining health risks in the categories and may implement additional standards to care for any remaining risk. Reference 40 CFR Part 63. See http://www.epa.gov/ttn/atw/socatlst/socatpg.html for a listing of all source categories and promulgation schedules. Please refer to Appendix 5: NSPS, NESHAP and MACT Air Subpart Tables for a complete listing of the codes for 40 CFR Part 63 (MACT NESHAP) Subparts as of June 2006.

T Tribal Implementation Plan (TIP)

A TIP is an enforceable plan approved by the EPA that provides for the maintenance, implementation and enforcement of the National Ambient Air Quality Standards (NAAQS). It contains strategies for maintaining and improving current air quality, attain NAAQS if in violation, provides for a preconstruction permitting program for new and modified major sources or minor sources, and a plan to handle regional haze. It does not include Acid Rain (Title IV), Operating Permits (Title V), or Stratospheric Ozone Protection (Title VI) programs. TIPS are authorized by Section 301(d) of the CAA and through the Tribal Authority Rule (TAR) of 1998. TIP requirements are federally enforceable under Section 113 of the Act. All applicable air programs need to be listed along with this air program. Air program code “I” can be discontinued upon effective date of the TIP.

V Title V Operating Permits

Reference 40 CFR Part 70. The Final Rule (July 31, 1992) established an operating permit program for States to develop programs for issuing operating permits to all major stationary sources and to certain other sources. Title V does not impose new requirements; it does provide a permit to operate that assures compliance with all applicable requirements. It allows the delegated agency the authority to collect permitting fees. All permits are required to contain standard permit requirements that specify and reference the origin of authority for each applicable term or condition, the duration of the permit (not to exceed 5 years), the monitoring and related recordkeeping and reporting requirements, emissions trading allowed, Federally-enforceable and compliance requirements. Any operating source with Title V permit application pending should have the “V” air program code with the operating status of “P” for pending entered in AFS. Once the permit has been issued, the operating status should be upgraded to “O” for operating.

c. Air Program Subparts:

Air program subparts are additional reporting requirements promulgated as standards for various industrial categories. Reporting of subparts for NSPS, NESHAP and MACT are required. AFS will provide a screen for reporting subparts on the following air programs:

0 State Implementation Plan (SIP)
1 SIP Source under Federal Jurisdiction
8 NESHAP
9 NSPS
M MACT

AFS was recently upgraded to allow up to 12 subparts to be added to an air program. (December 2005). See Appendix 5, NSPS, NESHAP and MACT Air Subpart Tables.

2. Air Program Pollutant Records:

a. Pollutant Code or Chemical Abstract Number:

Each source in AFS requires at least one air program code and at least one pollutant. Pollutants are reportable using either a five-digit pollutant code or a Chemical Abstract Service Number (CASN). AFS has tables listing all pollutant codes and CASNs. If the Pollutant Code is used and an equivalent CASN exists for the code, AFS will populate the CASN automatically. If the CASN is entered and an equivalent Pollutant Code exists, AFS will populate the Pollutant Code automatically.

b. Classification:

AFS requires the user to report a category identifying the potential amount of pollutants emitted per year. Criteria pollutant (CO, SO2, VOC, Pb, NO2, Particular Matter) classification uses an emissions threshold identified by EPA establishing major thresholds based on attainment with National Ambient Air Quality Standards (NAAQS). Major emission thresholds are 100 tons or more per year in an area that is currently in attainment. Attainment/Nonattainment designations can be found at http://www.epa.gov/oar/oaqps/greenbk/ . EPA has the ability to document a classification value separate from the state/local value. Nonattainment designations will decrease the emissions thresholds:

Pollutant	Nonattainment Classification	Threshold (Tons per Year)
Ozone	Marginal	100
Ozone	Moderate	100
Ozone	Serious	50
Ozone	Severe	25
Ozone	Extreme	10

Pollutant	Nonattainment Classification	Threshold (Tons per Year)
CO	Moderate	100
CO	Serious	50
PM-10	Moderate	100
PM-10	Serious	70

Emission thresholds for Hazardous Air Pollutants (HAPs) are sources with the potential to emit (controlled or uncontrolled) 10 tons of any one HAP, or 25 tons of any combination of HAPs (reference Section 112(a)). Source Classification values are:

A Major emissions; Actual or potential emissions are above the applicable major source thresholds

SM Synthetic Minor emissions; Potential emissions are below all applicable major source thresholds if an only if the sources complies with Federally enforceable regulations or limitations (Potential to emit at the major threshold but due to operation restrictions or other controls emit at the minor level)

B Minor emission; Potential uncontrolled emissions are below the applicable major source thresholds

C Emissions classification is unknown

The values A, SM, B, and C are considered the valid values for this field and should be used for Air Program Pollutant data entry using Update Screen 303, Browse Screen 503, and Batch Transaction 131 – columns 25 – 26. .

As of October 1, 2006, AFS classification codes of A1, A2, E1, ND, and UK will be coded as obsolete and consequently are no longer available for data entry. This action was taken to simplify data entry and description of classifications.

AFS will bubble up the highest classification value from the air program records to the Plant General records (DCL1-Default Class, ECL1-EPA Class, and SCL1-State Class). Plant level compliance status and classification are automatically generated in AFS using the Air Program and Air Program pollutant records for the plant. No exclusion was provided for permanently closed air program resulting in plant level classification and compliance status values generated from shut down air programs. In order to prevent bubble up values from air programs with a ‘Permanently Closed’ operating status, AFS will exclude operating status values from permanently closed facilities unless there is only one air program at the plant.

For example: A facility has multiple air programs. The SIP Air Program is operating and is classified as SM. The Title V Air Program is permanently closed (status X) and its associated pollutants are shut down (Compliance Status 9) but the pollutants recorded for the Title V Air Program reference a major classification. The classification values for the Title V pollutants are more significant than the SIP, the major classification bubbles up to the plant level indicating it to be a major facility even though the Title V Air Program is shut down. The desired value in this instance should be the SM classification.

To address this, if the Air Program Status for an air program is permanently closed (AST1=X), then it is excluded from the bubble up of plant level classification and compliance status. However, if a plant only has permanently closed air programs, then compliance and classification would be generated using the existing air program(s) even though they're permanently shut down. Additionally, if the Compliance Monitoring Strategy Category (CMSC) is present, all air programs are included in the bubble-up of plant level classification and compliance status regardless of operating status.

c. Compliance Status:

Each pollutant must have a corresponding compliance status. Compliance is defined within 4 categories: In Violation, In Compliance, Meeting Schedule, and Unknown Compliance. EPA has the ability to record a compliance status in addition to the state/local compliance value.

The following definition of compliance with the Clean Air Act is extracted from *The Timely and Appropriate (T&A) Enforcement Response to High Priority Violations (HPVs)*, June 1999:

"*In Compliance means all Federal and State administrative and judicial action against the source is complete and the source has been confirmed to be complying with the CAA. This term, as it is used in the HPV Policy, refers to a source being in compliance with all aspects of CAA requirements, not simply their emission limit*."

A source with pending enforcement activity is considered in violation or meeting a schedule until all penalties are completely paid, all injunctive relief, supplemental enforcement actions, civil and judicial activity are completed. Unaddressed High Priority Violators must be listed in violation until addressed: status is then changed to Meeting Schedule or a violation status as appropriate until resolution. Valid values for compliance status are listed in order of worst case scenario to best, suggested use is highlighted in bold:

<u>VIOLATION</u>

B In violation with regard to both emissions and procedural compliance

1 In Violation - No schedule

6 In violation - Not meeting schedule

7 In Violation - Unknown with regard to schedule*

W In violation with regard to procedural compliance

UNKNOWN COMPLIANCE

Y Unknown with regard to both emissions and procedural compliance

0 Unknown compliance status

A Unknown with regard to procedural compliance

U Unknown by Evaluation Calculation (Generated value - not available for input)

MEETING SCHEDULE

5 Meeting Compliance Schedule

IN COMPLIANCE

C In compliance with procedural requirements

4 In Compliance - Certification (Used in reporting Title V Annual Compliance Certifications)

3 In Compliance – Inspection (Used in reporting compliance determinations from Full Compliance Evaluations)

M In Compliance - CEMS

2 In Compliance - Source Test

8 No Applicable State Regulation

9 In Compliance - Shut Down

P Present, See other programs (This compliance status is a place holder used to avoid assigning a state compliance status when the state has not supplied a value.)

*In January 2009, status 7 was moved from an UNKNOWN classification to the VIOLATION classification, as voted by the AFS Compliance Managers.

d. Attainment/Nonattainment Indicator:

Criteria pollutants (VOC, SO2, NO2, Pb, Particular Matter, CO) have attainment designations that need to be recorded in AFS. These indicators are not automatically generated and must be supplied by the user. Reference the EPA Green Book (http://www.epa.gov/oar/oaqps/greenbk/) for the most recent designation values. EPA has a value available separately from the state value. It

is anticipated that the EPA values will be updated twice yearly with the expected months of update being March and September of each calendar year. After an update has been completed users should notice the pollutant record will reflect the date updated and JH1 (System Administration) as the User ID responsible for making the update. States and Local Agencies may request blanket population of the State values (counties with partial designations will not be populated) by contacting their Regional AFS Compliance Manager.

C. ACTION RECORDS

1. Fields:

These activities are reported to AFS via an Action Record (Screen 306 for update/Screen 507 for browse) and contain the following components (note that required fields are highlighted by **BOLD** text):

FIELDS	NOTES
KEY ACTION	**(Y-YES OR N-NO)**
AIR PROGRAM CODE(S)	**At least one–and all that are applicable**
ACTION TYPE	**A Regional Action Type. Actions which are MDRs require mapping to a National Action type.**
DATE SCHEDULED	**Required for certain actions**
DATE ACHIEVED	**Either the Date Scheduled or Date Achieved is required.**
	Date Achieved must be applied for application in National analysis/reports.
RESULTS CODE	As applicable**, required for certain actions**
PENALTY AMOUNT	**Required if assessed**
RDE8	**As applicable, required for certain actions**
STAFF CODE	Optional
POLLUTANT CODE	As applicable
CONTRACTOR ID	Optional-considered obsolete
RDE 16	Optional

KEY ACTION: Identification of a key action is mandatory for action linking in HPV, FCE or Non-HPV pathways. EFFECTIVE JUNE 2006: AFS will automatically indicate as key any day zero action types. The National Action Types affected are:

HPV Pathways	2B, 2E, 2U, 2Z
FCE Pathways	5E, 5F, 5G, 5H
Non-HPV Pathways	NH

Historically, the field defaults to a NO value. Direct users of AFS indicated a "Y" for YES value if the action is the key for a High Priority Violator (HPV) or Non-HPV pathway. Batch users of AFS triggered this value by supplying the Key Action Number on the action transaction.

AIR PROGRAM CODE(S): Any applicable air program for a reported activity should be listed on the action record. AFS will not accept an air program code that has not been documented in Screens 302 (update) and Screen 502 (browse). Users should not enter only one air program if more programs are applicable for the activity reported. Valid values are:

0 State Implementation Plan (SIP)
1 SIP Source under Federal Jurisdiction
3 Non-Federally Reportable Source
4 Chlorofluorocarbons (CFC) Tracking
6 Prevention of Significant Deterioration (PSD)
7 New Source Review (NSR)
8 National Emission Standards for Hazardous Air Pollutants (NESHAP)
9 New Source Performance Standards (NSPS)
A Acid Precipitation
F Federally Enforceable State Operating Permit – Non Title V (FESOP)
I Native American
M Maximum Achievable Control Technology (MACT) Section 63 NESHAP
V Title V Permits

ACTION TYPE: This field is the **Regional Action Type** identifying the activity. Each EPA Region has its own action type table (please refer to Appendix 3a for a comprehensive listing of Regional Action Types, Appendix 3b for a listing of Tribal Action Types, and Appendix 3c for allowable duplicate action types) with values mapping into the National Action Type tables. Users do not report activity using a National Action Type. The 2-digit Regional Action Type is predefined in an action table. AFS will not accept a value that is not on record in the table. Normally, action records are reported to AFS with unique action types and dates. There are a few instances were actions happening on the same day are allowable. For example: A Full Compliance Evaluation (FCE) at a source would not logically be completed twice on the same day. A stack test, however, can be completed multiple times on a specific day with different processes and pollutants involved in each test. Appendix 3c outlines the allowable National Action types that can be reported multiple times using the same date. Users can use a special code of "00" which is used in instances where the action table does not have a valid value for use, and is not expected to be a recurring activity. For example: A source with an active High Priority Violator (HPV) pathway suffers a fire, destroying most of the source. As this activity is important to the HPV information, an AFS user may want to include this information in the HPV pathway. There is no action type in the Regional table describing a fire. The user can report the

fire using action type “00" with a mandatory description of “Fire”. Use of action type “00" requires the entry of a short description of the action. The Regional AFS Compliance Manager should be contacted for addition of action types to the Regional table.

When requesting a new Regional Action Type or a change to an existing type, please provide the following information to the appropriate Regional AFS Compliance Manager. This information will be submitted to the System Administrator for application to the table:

- Regional Table to be changed:
- Action Type to be added/changed:
- Action Definition:
- Action Description-Long (up to 50 characters):
- Action Description-Short (up to 15 characters):
- Linkage to National Action Type:

DATE SCHEDULED: AFS provides space for reporting the scheduled date of an activity. This field is optional reporting for most activities but can be required in Compliance Monitoring Strategy (CMS) reporting. The reporting parameter is YYMMDD, with YY representing the last two digits of a year (example: 2003 is reported as 03), MM as the 2-digit month (example: June is reported as 06), and DD as the day of the month. **Date Scheduled is an Enforcement Sensitive field**, with the exception of National Action Type CB or CC (Title V Annual Compliance Certification Due/Received by the Permit Authority or EPA), and any regional action type mapped to it. Either the Date Scheduled or Date Achieved is mandatory for action reporting.

DATE ACHIEVED: This field is most frequently reported, and reflects the final date of an activity. Please see discussions of individual action types for the definition of Date Achieved. The reporting parameter is YYMMDD, with YY representing the last two digits of a year (example: 2003 is reported as 03), MM as the 2-digit month (example: June is reported as 06), and DD as the day of the month. Either the Date Scheduled or Date Achieved is mandatory for action reporting.

RESULTS CODE: A two-digit alphanumeric code used to indicate the result of an activity. The code must be a valid value on the Results Table. Each Region maintains its own Results Code Table. This field is optional for most activity, but mandatory for Stack Test and Annual Compliance Certification Reviewed reporting.

PENALTY AMOUNT: This field reports dollar amounts of penalties. In formal enforcement actions, it defines the dollar amount of any cash penalty that is either 1) assessed (required) by an administrative order, consent agreement/order, or consent decree; or 2) proposed under a civil referral or civil filing. No decimal values are entered. See Section 5 for in-depth discussion of the use of the Penalty field. In Supplemental Environmental Projects, the penalty field reports

the dollar value of the project. Penalties exceeding the seven-digit limit of the PAM1 field in AFS can be reported by entering the alpha K after the value of thousands of dollars. For example, $5,000,000.00 could be reported as "5000K".

REGIONAL DATA ELEMENT 8 (RDE 8): This 2-digit field is optional for most activities, but required in Annual Compliance Certification deviation reporting (an EPA requirement). It is defined by users and used to maintain information relating to a plant action. In Title V Annual Compliance Certification reporting, this field identifies a compliance status.

STAFF CODE: A 3-digit code identifying a staff member responsible for or associated with an action. This code must be a valid value on the Staff Code table. Entry of values on the Staff Code table requires a special access code on the user's security profile. Normally access to update the Staff Code Table is provided to one user per state or local agency. Use of the Staff Code field is optional to all users.

POLLUTANT CODE: A five-digit code identifying the pollutant of record for an action. Reporting of the pollutant code is required for HPV Key Actions. Pollutant code may be reported on stack test actions (highly recommended but not required).

CONTRACTOR ID: Use of this field is optional. The Contractor ID is a 12-digit alphanumeric field used to identify asbestos contractors. The ID must be a valid value from the Contractor ID Table. This field is considered obsolete.

REGIONAL DATA ELEMENT 16 (RDE 16): This 25-digit optional field is defined by users and used to maintain information relating to plant level actions.

ASSOCIATED DAY ZERO (KEY ACTION NUMBER): This field identifies key action numbers an action may be associated or linked to and is system generated.

2. Full Compliance Evaluations (FCEs):

The definition of an FCE is extracted from the Clean Air Act Stationary Source Compliance Monitoring Strategy, April 2001: A Full Compliance Evaluation is a comprehensive evaluation of the compliance status of a facility. It addresses all regulated pollutants at all regulated emission units. Furthermore, it addresses the current compliance status of each emission unit, as well as the facility's continuing ability to maintain compliance at each emission unit.

A Full Compliance Evaluation should include the following:

- A review of all required reports, and to the extent necessary, the underlying records. This includes all monitored data reported to the regulatory agency (e.g., CEM and continuous

parameter monitoring reports, malfunction reports, excess emission reports). It also includes a review of Title V self-certifications, semi-annual monitoring and periodic monitoring reports, and any other reports required by permit.

- An assessment of control device and process operating conditions as appropriate. An on-site visit to make this assessment may not be necessary based upon factors such as the availability of continuous emission and periodic monitoring data, compliance certifications, and deviation reports. Examples of source categories that may not require an on-site visit to access compliance include, but are not limited to, gas-fired compressor stations, boilers in large office and apartment buildings, peaking stations, and gas turbines.
- A visible emission observation as needed.
- A review of facility records and operating logs.
- An assessment of process parameters such as feed rates, raw material compositions, and process rates.
- An assessment of control equipment performance parameters (e.g., water flow rates, pressure drop, temperature, and electrostatic precipitator power levels).
- A stack test where there is no other means for determining compliance with the emission limits. In determining whether a stack test is necessary, States/locals should consider factors such as: size of emission unit; time elapsed since last stack test; results of that test and margin of compliance; condition of control equipment; and availability and results of associated monitoring.
- A Full Compliance Evaluation may be done piecemeal through a series of Partial Compliance Evaluations.
- **A complete review of all data in AFS to assure reporting accuracy**. This review should include plant level data, air programs and operating status, air program pollutant class(es), compliance status, attainment area status, HPV status, and default class(es) and status.
- An FCE must be completed within the frequency indicated by the Compliance Monitoring Strategy in order to avoid application of the automatic unknown compliance status utility.

FIELD	**NOTES**
AFS REPORTING	**REQUIRED REPORTING-RECAP**
AIR PROGRAM CODE(S):	**Required, usually "V" for Title V and any other applicable air programs**
ACTION TYPE:	**Regional equivalents of:**
	FE EPA Conducted FCE On Site
	FZ EPA FCE Off Site
	FS State Conducted FCE On Site
	FF State FCE Off Site
DATE SCHEDULED:	Optional

DATE ACHIEVED:	**Required, reflect the date the onsite FCE is completed or the date of the evaluation report (offsite FCE)**
RESULTS CODE:	Optional
PENALTY AMOUNT:	Not appropriate for this action type
RDE8:	Not required
STAFF CODE:	Not required
POLLUTANT CODE:	Not required
CONTRACTOR ID	Not required
RDE 16	Not required

3. Partial Compliance Evaluations (PCEs):

The definition for a PCE is extracted from the Clean Air Act Stationary Source Compliance Monitoring Strategy, April 2001: A Partial Compliance Evaluation is a documented compliance assessment focusing on a subset of regulated pollutants, regulatory requirements, or emission units at a given facility. A PCE should be more comprehensive than a cursory review of individual reports. It may be conducted solely for the purpose of evaluating a specific aspect of a facility, or combined over the course of a year to satisfy the requirements of a Full Compliance Evaluation. PCEs may include: Site Visits, Conferences, Review of Required Reports, Compliance Reviews of individual Air Programs, Emission Inventory reviews, or other activities. It is recommended that Regional values of PCEs describe the evaluating action taking place, such as "Conference on Site" or "RATA Review".

FIELD	**NOTES**
AFS REPORTING	**Required for Federal Reporters, Optional for State/Local/Tribal Reporters**
AIR PROGRAM CODE(S):	**Required, usually "V" for Title V and any other applicable air programs**
ACTION TYPE:	**Regional equivalent of:** **ES EPA Conducted PCE On Site** **EX EPA PCE Off Site** **PS State Conducted PCE On Site** **PX State PCE Off Site** The following **optional** action types are available for use in reporting PCEs: **EE-EPA or PC-State/Local: Complaint Partial Compliance Evaluation**: Used for reporting the

investigation of a complaint resulting in the on-site visit of a stationary source.

EP-EPA or PP-State/Local: Permit Partial Compliance Evaluation: Used for reporting pre-and post-permit issuance activities, where an on-site visit is necessary to review individual processes or installation of equipment.

EM-EPA or PR-State/Local: Process Partial Compliance Evaluation: Used for reporting the review of one or more plant processes for compliance purposes. For example, Maximum Achievable Control Technology (MACT) notifications and resulting compliance determinations.

EO-EPA or PO-State/Local: Partial Compliance Evaluation On-Site Observation: Used for reporting any on-site review of source to include visible emissions or other observed activity.

DATE SCHEDULED:	Optional
DATE ACHIEVED:	**Required, can reflect either a review date or actual date of visit.**
RESULTS CODE:	Optional
PENALTY AMOUNT:	Not appropriate for this action type
RDE8:	Not required
STAFF CODE:	Not required
POLLUTANT CODE:	Not required
CONTRACTOR ID	Not required
RDE 16	Not required.

4. Stack (Performance) Tests:

As taken from the 2003 National Stack Test Guidance: Stack testing is defined as any standardized procedure of actions using calibrated tools to determine a rate or concentration in order to verify emissions from a source or the accuracy of a monitor or gauge. It does not include visible emission observations. The date a stack or performance test is completed is documented in AFS, with a **compliance determination** (updating of compliance status, as appropriate) from the results. Test results are reflected in the Results Codes (PP-PASS, FF-FAIL or 99-Pending). Federal reporters are required to report the pollutants tested in the Pollutant Code field on the action record. Pollutant Code reporting for State/Local/Tribal reporters is optional; multiple actions on the same day with multiple pollutants are acceptable. There are multiple action types for Stack Tests. They are:

2A EPA Source Test Conducted: EPA test required, observed, and reviewed.

3A Owner/Operator Conducted Source Test: Must be State/Local agency observed and reviewed.

6C State Source Test Conducted: Must be State/Local agency observed and reviewed.

TE EPA Required Stack Test Not Observed: Owner/Operator Conducted test, required by EPA, reviewed by EPA, but not observed by EPA

TO EPA Required Stack Test Observed: EPA required stack test, Owner/Operator conducted, observed by EPA.

TR State Required Stack Test Not Observed: Owner/Operator Conducted test, required by the State or Local Agency, reviewed but not observed by the State.

If the results of a stack test report are not known when reporting the stack test, a results code of "99-Pending" may be used. However, the "Pending" results code is considered to be a temporary value and is to be replaced with the pass/fail results code within 120 days of the date of the stack test. Fixed Format Report 658, Pending Stack Tests Report, has been created to assist with the ability to easily update these records. This report provides all stack test actions with a pending code "99" for more than 120 days, along with a file of AFS action transactions to facilitate reporting of actual results codes.

Action "TT/TS-EPA/State Receipt of Stack Test Report" has been added for the facilitation of reporting High Priority Violator (HPV) cases involving failed stack tests where the results of the stack test were not known when initially reported to AFS. The use of this optional action type allows agencies reporting HPVs the opportunity to report a Day Zero action within timeliness requirements, as this action documents the receipt of when the discovering agency first receives information concerning a Federally-enforceable violation, consistent with the HPV Policy (see HPV Policy, Section IVA), and would also be the Discovery Date. See Section 11, for more information.

Action "SS/ST-EPA/State Non-MDR Stack Test" has been added for reporting performance tests for purposes other than determining or demonstrating compliance. See the National Stack Test Guidance of September 30, 2005 for full definitions of tests meeting the definition of this action type. Should this test result in a failure, appropriate MDR stack test types (2A, 6C, TO, 3A, TE, TR) should be used to report the failure. The action should be reported using the SIP Air Program Code. This action type is for optional use and is not included in official stack test activity reports.

FIELD	**NOTES**
AFS REPORTING:	**REQUIRED REPORT–RECAP**
AIR PROGRAM CODE(S):	**Required, usually "V" for Title V and any other applicable air programs**
ACTION TYPE:	**Regional equivalent of:**

	2A EPA Source Test Conducted
	3A Owner/Operator-Conducted Source Test
	6C State Source Test Conducted
	TE EPA Stack Test Not Observed
	TO EPA Stack Test Observed
	TR State Stack Test Not Observed
DATE SCHEDULED:	Optional
DATE ACHIEVED:	**Required. Effective October 1, 2006: All Stack Test actions should reflect the date of the actual test, regardless of the review date. Date should reflect the last day of actual test as per reference methods.**
RESULTS CODE:	**Required: PP-PASS, FF-FAIL, 99-PENDING**
PENALTY AMOUNT:	Not appropriate for this action type
RDE8:	Not required
STAFF CODE:	Not required
POLLUTANT CODE:	**Required reporting for Federal Reporters, Optional reporting for State/Local/Tribal Reporter**
CONTRACTOR ID	Not required
RDE 16	Not required.

5. Investigations:

The definition of an Investigation is extracted from the Clean Air Act Stationary Source Compliance Monitoring Strategy, April 2001: An Investigation is limited to a portion of a facility, is more resource intensive, and involves a more in-depth assessment of a particular issue. It usually is based on information discovered during a Full Compliance Evaluation, or as the result of a targeted industry, regulatory, or statutory initiative. Also, an Investigation often requires the use and analysis of information not available in EPA data systems. It is best used when addressing issues that are difficult to evaluate during a routine FCE because of time constraints, the type of preliminary field work required, and/or the level of analytical expertise needed to determine compliance.

Investigations are tracked in AFS via two Action Types: Initiated and Completed. Initiated action types are Enforcement Sensitive. At the start of an Investigation, the action types documenting the initiated date should be added. At the completion of the Investigation (which could span fiscal year time frames), the action types documenting the completion date should be added.

FIELD	**NOTES**
AFS REPORTING	**REQUIRED REPORTING–RECAP**

AIR PROGRAM CODE(S):	**Required, should reflect the applicable air programs**
ACTION TYPE:	**Regional equivalents of:**
	EI EPA Investigation Initiated
	EC EPA Investigation Conducted
	SI State Investigation Initiated
	SC State Investigation Conducted
DATE SCHEDULED:	Optional
DATE ACHIEVED:	**Required. Actual dates of investigation initiated and completion.**
RESULTS CODE:	Not required
PENALTY AMOUNT:	Not appropriate for this action type
RDE8:	Not required
STAFF CODE:	Not required
POLLUTANT CODE:	Optional reporting, not required
CONTRACTOR ID	Not required
RDE 16	Not required.

6. Notices of Violation:

A notice of violation (NOV) sent by EPA or the State/Local Agency informing a source that a violation by the authority granted by Section 113 of the Clean Air Act as amended in 1990, or similar State authority for a violation of the Clean Air Act has occurred. An NOV is considered an informal enforcement action. No penalty is applied to a Notice of Violation. **If an agency has a Stipulated Penalty Demand Letter, or an NOV with a proposed penalty, then both the NOV and the Administrative Order with Penalty action types should be reported.**

FIELD	**NOTES**
AFS REPORTING:	**REQUIRED REPORTING–RECAP**
AIR PROGRAM CODE(S):	**Required, should reflect the applicable air programs**
ACTION TYPE:	**Regional equivalent of:**
	6A EPA NOV Issued
	7C State NOV Issued
DATE SCHEDULED:	Optional
DATE ACHIEVED:	**Required. Signature date of the NOV letter.**
RESULTS CODE:	Not required
PENALTY AMOUNT:	**Not appropriate for this action type** (Proposed Penalties or Stipulated Penalty Demand Letters should be reported as an 8C-Administrative Order)

RDE8:	Not required
STAFF CODE:	Not required
POLLUTANT CODE:	Optional reporting, not required
CONTRACTOR ID	Not required
RDE 16	Not required.

7. Administrative Orders:

DEFINITION: An administrative action (not civil or judicial) against a source with or without an assessed penalty that has been determined by the proper authority for violating the Clean Air Act as amended in 1990, or other State-delegated regulations. The penalty reported will be an assessed cash penalty. These actions are addressing actions for High Priority Violator (HPV) tracking, and are to be used in conjunction with action linking.

State and Local reporters use the State Administrative Order Issued to report activity not of a civil or judicial nature. Additionally, if the agency uses a stipulated penalty demand letter, or submits a Notice of Violation with proposed penalties to a source, an administrative order in addition to the NOV action type should be reported to AFS. All state penalties reported within the Administrative Order action should be assessed cash penalties and should not include any injunctive relief, Beneficial or Supplemental Environmental Project costs.

EPA Administrative Orders do not have any penalties applied. EPA Administrative Penalty Orders (APOs) are a three-step reporting process starting with the 7F-113(D) Administrative Penalty Order Filed, with the Date Achieved reflecting the filing date of the action and the penalty reflecting the proposed penalty from the order. It is followed by the second step, C2-113(D) Administrative Penalty Order Recalculated, which contains the mitigated assessed penalty amount. This second action documents the APO, and provides the record of formal and final penalty. The last activity, C3-APO Collected, documents when the assessed penalty is paid. All enforcement tracking is done using the C2-113(D) Administrative Penalty Order Recalculated action type.

AFS REPORTING:	**REQUIRED REPORTING–RECAP**
AIR PROGRAM CODE(S):	Required, should reflect the applicable air programs
ACTION TYPE:	**Regional equivalents of:**
	8A Federal 113(A) Order Issued
	8C State Administrative Order Issued
	Federal APOs
	7F EPA 113(D) Complaint Filed
	C2 EPA 113(D) Recalculated–CAFO

	C3 EPA 113(D) Collected
DATE SCHEDULED:	Optional
DATE ACHIEVED:	**Required. Date of the official instrument.**
RESULTS CODE:	Not required.
PENALTY AMOUNT:	**8C- State Final Assessed Cash Penalty**
	7F-EPA Proposed Cash Penalty
	C2-EPA Final Assessed Cash Penalty
	C3- EPA Assessed Cash Penalty Paid
RDE8:	Not required
STAFF CODE:	Not required
POLLUTANT CODE:	Optional reporting, not required
CONTRACTOR ID:	Not required
RDE 16	Not required.

8. Consent Decrees:

A decree signed by the primary enforcement authority, the source, and by a court requiring a source violating an applicable Federal or SIP regulation to attain compliance by means specified in the decree. Consent Decrees and consent agreements should be tracked here if they are formally signed. This is an addressing action for a high priority violator. Penalties reported are the assessed dollar amount of any cash civil penalty. This action is also used for Administrative Consent Decrees.

AFS REPORTING:	**REQUIRED REPORTING–RECAP**
AIR PROGRAM CODE(S):	Required, should reflect the applicable air programs
ACTION TYPE:	**Regional equivalents of:**
	6B EPA Court Consent Decree
	2D State Court Consent Decree
DATE SCHEDULED:	Optional
DATE ACHIEVED:	**Required. Date Decree entered in State or Federal Court**
RESULTS CODE:	Not required.
PENALTY AMOUNT:	**Assessed Cash Penalty.**
RDE8:	Not required
STAFF CODE:	Not required

POLLUTANT CODE:	Optional reporting, not required
CONTRACTOR ID:	Not required
RDE 16	Not required.

9. Civil Referrals:

Federal Civil Referrals: Action taken by EPA to file a civil complaint in Federal court pursuant to the authority granted under State law for violating applicable State regulations or State-delegated Federal regulations. Additionally, this action is to be used in the preparation of a litigation report to initiate a Federal civil action against a noncomplying source and submittal to Headquarters is imminent (to be counted here the litigation report must have the Regional Air Director approval). Penalties reported are the assessed dollar amount of any cash civil penalty. This is an addressing action for a high priority violation. This action is Enforcement Sensitive. If this action is used in a High Priority Violator case, action type OT is also required.

AFS REPORTING:	**REQUIRED REPORTING–RECAP**
AIR PROGRAM CODE(S):	Required, should reflect the applicable air programs
ACTION TYPE:	**Regional equivalents of:**
	4B EPA Civil Referral
DATE SCHEDULED:	Optional
DATE ACHIEVED:	**Required. Signature date of litigation report.**
RESULTS CODE:	Not required.
PENALTY AMOUNT:	**Proposed Penalty**
RDE8:	Not required
STAFF CODE:	Not required
POLLUTANT CODE:	Optional reporting, not required
CONTRACTOR ID:	Not required
RDE 16	Not required.

State Civil Referral: An action taken by the State or local agency against a source resulting in a civil complaint being sent to the State Attorney General. This is different from a State Civil Action (action type 9C) which is the actual filing of a civil complaint against a source by the State Attorney General in a State court. This action is an addressing action for high priority violations and is to be used in action linking. This action is Enforcement Sensitive. If this action is used in an HPV case, action type OT is also required.

AFS REPORTING:	**REQUIRED REPORTING–RECAP**

AIR PROGRAM CODE(S):	Required, should reflect the applicable air programs
ACTION TYPE:	**Regional equivalents of:**
	1E Civil Referral to State Attorney
DATE SCHEDULED:	Optional
DATE ACHIEVED:	**Required. Signature date of referral document.**
RESULTS CODE:	Not required.
PENALTY AMOUNT:	Not required.
RDE8:	Not required
STAFF CODE:	Not required
POLLUTANT CODE:	Optional reporting, not required
CONTRACTOR ID:	Not required
RDE 16	Not required.

10. Civil Actions

Federal Civil Actions: Reporting of Federal Civil Actions has not been well-documented in AFS. Reporting of this activity is done in the Integrated Compliance Information System (ICIS). During FY04, an AFS workgroup is chartered to review and document how AFS should handle this type of action. More guidance is necessary for Federal Civil Action reporting in conjunction with High Priority Violator Cases. At this time, the only action type available for reporting the outcome of a Federal Civil action is 7B-EPA Civil Penalty Assessed.

State Civil Action: The filing of a civil compliant against a source by the State Attorney General in a State Court. Action is taken by a State or Local Agency to file a civil complaint against a source in the State Court pursuant to the authority granted under State Law for violating applicable SIP or State-delegated Federal regulations. Additionally, this action type is used to document settlement proceedings. This action is an addressing action for high priority violations and is to be used in action linking.

AFS REPORTING:	**REQUIRED REPORTING–RECAP**
AIR PROGRAM CODE(S):	Required, should reflect the applicable air programs
ACTION TYPE:	**Regional equivalents of:**
	9C State Civil Action
DATE SCHEDULED:	Optional
DATE ACHIEVED:	**Required.** Date of Court filing or Decision Date.

RESULTS CODE:	Not required.
PENALTY AMOUNT:	**Assessed Cash Penalty, if reporting settlement**
RDE8:	Not required
STAFF CODE:	Not required
POLLUTANT CODE:	Optional reporting, not required
CONTRACTOR ID:	Not required
RDE 16	Not required.

11. High Priority Violator (HPV) Day Zero

DEFINITION: A High Priority Violator (HPV) is identified one of three ways:

1. The violation may fit within one of the ten General HPV Criteria identified in the HPV Policy of June 1999.
2. The violation may lead to emissions or parameter violations that fit within the HPV Matrix Criteria (reference HPV Policy of June 1999).
3. The violation may be categorized as an HPV on a discretionary basis subject to the mutual agreement of the State/Local agency and EPA.

HPV cases are tracked in AFS via action linkage with the following information:

1. Day Zero Action Type: Defines a state/local, joint, or Federal lead and a start date. Indicates the start of an HPV pathway and requires a compliance status change to violation.
2. Violation Type Code: A three-digit code defining the reason why a source has met the definition of HPV. Code tables can be found in AFS in the Utilities, under Descriptions, Violation Codes. Additionally, the code tables are provided in this section.
3. Discovery Date: The date of discovery is usually defined by one of the following activities:
   - A Full Compliance Evaluation;
   - A Partial Compliance Evaluation (On- or Off-Site Evaluations);
   - A Title V Annual Compliance Certification--Due/Received or Reviewed;
   - Stack Tests
   - Receipt of Stack Test Report or
   - Investigations.
4. Violating Pollutant(s): Pollutant(s) in violation. If the violation does not involve a specific pollutant (i.e. permit paperwork violations), use the pollutant code “FACIL” Pollutant codes must be used to capture violating pollutant(s). If you have a substance without an existing pollutant code, please contact the AFS Helpline (1-800-367-1044) for assistance.

5. Addressing Action: Usually an enforcement action or civil referral. This section contains a table defining addressing action types.

6. Resolving Action: An action that closes out the violation, and requires a compliance status change to compliance.

Each of these milestones has reporting criteria and the reporter must link all appropriate actions to the Day Zero action in AFS. Linkage is started by indicating a Key Action. [Note: Day Zero and the Addressing Action **MUST NOT** be recorded on the same day.]

In August 2006, AFS was enhanced to check for the presence of an addressing action when a resolution action is applied. Prior to this, AFS allowed pathways to be resolved with no addressing action linked into the pathway. Pathways in AFS prior to this time (August 24, 2008) were not affected by this enhancement.

On October 3, 2008, another enhancement to HPV data provides retrievable acronyms for HPV addressing and resolution actions. This enhancement also required that an addressing action in a pathway could not be changed or deleted if the pathway as resolved. These enhancements were added to ensure data quality and correct reporting of pathways. The following table provides the new retrievable HPV fields:

FIELD NAME		**ACROYNM**
DISCOVERY	Discovery Action Date	**D**ADT
	Discovery Regional Action Type	**D**ATP
	Discovery Regional Action Type Description (generated not stored)	**D**ADS
ADDRESSING	Addressing Action Date	**A**ADT
	Addressing Regional Action Type	**A**ATP
	Addressing Regional Action Type Description (generated not stored)	**A**ADS
	Addressing Action Penalty Amount	**A**APA
RESOLUTION	Resolution Action Date	**R**ADT
	Resolution Regional Action Type	**R**ATP
	Resolution Regional Action Type Description (generated not stored)	**R**ADS

The October 2008 enhancement also identifies the individual milestones within the pathway so the user can easily identify discovery, addressing and resolution actions. A “D”, “A” or “R” are placed to the left of the actions within the pathway, as seen by this example:

```
AIR PROGRAM CODE(S) : 0 9 8 V M 6    STATE REGISTRATION NUMBER: TEAM 0314
COMP STAT (EPA/ST)  : 5 / 1   CLASS: A   STAFF: BAF    GOVT FACIL: 0     HPV: F
LEAD AGENCY: S VIOLATION IDENTIFIER: S VIOLATING PLLTS: THAP
VIOLATION TYPE CODE:  GC2
DAY 60: 061024 DAY 150: 070123 DAY 270: 070523 DAY 300: 070622
DAYS USED TO ADDRESS: 66   UNADDRESSED DAYS: 0
```

ACTION NUM/IND/TYP			ACTION DESCRIPTION	DATE SCHED	DATE ACHVD	PENALTY	RESULTS	RESULTS DESCRIPTION	ST PRIV
284		N6	STATE DAY ZERO	060825	060825		01	ACTION ACHIEVED	N
289		PD	PENALTY PAID	061230	061113	0022000	01	ACTION ACHIEVED	N
290	A	Z3	ST ADM PEN ORD	061030	061030	0022000	01	ACTION ACHIEVED	N
303	D	44	STTE PT INSP	060711	060711		01	ACTION ACHIEVED	N
452	R	V2	VIOLATE RESOLVE	080822	080822		01	ACTION ACHIEVED	N

Guidance on the HPV policy and AFS reporting can be found at:

http://www.epa.gov/compliance/resources/policies/civil/caa/stationary/hpvmanualrevised.pdf

Regions are encouraged to use the 620 Fixed Report, HPV Pathway Summary Report, to track cases with state/local agencies. This report will include the Day Zero action, information on the lead, and all linked actions including the first comment on the Day Zero action. It is recommended that the lead agency provide an action comment with information concerning the violation. The first comment attached to the key action record will be provided on the 620 report. EPA uses the 653 Fixed Report, HPV Summary Report, to track the days used to address and track unaddressed cases. [Note: Compliance status needs to be updated during the HPV process.] Additionally, the 659 Fixed Report, High Priority Violator Report, provides HPV tracking information with a stream-lined summary report. It also includes resolution dates not found in the 653 report.

DAY ZERO DEFINITION: Day Zero will ordinarily be no later than 45 days from the day the violation was discovered. For violations requiring additional information, Day Zero may be extended to 90 days from the date the violation is discovered or the date of receipt of the additional information. If a violation is self-reported, Day Zero will be 30 days from the date the agency receives the information. A Notice of Violation action can document the Day Zero action. **In addition to reporting the Day Zero and action linking, the plant compliance status should be changed to reflect violation.** Day Zero actions that have been added to AFS in error should be deleted from the database. If an HPV case is discontinued (no enforcement action will be taken), one of the following methods should be used to close out the case:

- If the facility is in compliance, use action type 2K/7G-Source Returned to Compliance with no Further Action required. These action types resolve the pathway.
- If the facility is still in violation but the case is being dropped for litigation risk or other related issues, a written record to the file is required and action type C7-Closeout Memo Issued should be entered. This action type will resolve the pathway.

AFS REPORTING:	**REQUIRED REPORTING–RECAP**
AIR PROGRAM CODE(S):	**Required, should reflect the applicable air programs**
ACTION TYPE:	**Regional equivalents of:** **2Z EPA Day Zero** **2E State Day Zero** **2U Enforcement Lead is Unassigned** **2B Shared Enforcement Lead**
DATE SCHEDULED:	Optional
DATE ACHIEVED:	**Required. Date determined by policy.**
RESULTS CODE:	Not required.
PENALTY AMOUNT:	Not required.
RDE8:	Not required
STAFF CODE:	Not required
POLLUTANT CODE:	**A pollutant can be reported here or reported on the HPV linkage screen under Violating Pollutants.**
CONTRACTOR ID:	Not required
RDE 16	Not required.
VIOLATING POLLUTANTS:	**Required, report using pollutant codes.**
LEAD AGENCY:	Not required, but recommended. AFS will also identify a pathway by its Day Zero action type.
VIOLATION IDENTIFIER:	Not required.
VIOLATION TYPE CODES:	**Required. See following tables for values.**

ACTION LINKING FOR HPV CASES IS REQUIRED.

HPV DISCOVERY DATE: On October 1, 2005, the minimum data requirements for AFS were expanded to include the activity that lead to the discovery of an HPV and is required to be identified within the appropriate violation pathway in AFS. AFS has been enhanced to include the discovery date of a violation pathway on the HPV Flag Action Pathway Matrix screen (Screen 515). Actions defining discovery (Full Compliance Evaluations, Partial Compliance Evaluations, Stack Tests, Investigations, Receipt of Stack Test Report and Title V Annual Compliance Certification Review or Due/Received) linked within an HPV pathway will trigger the summary on the HPV Flag Action Pathway Matrix screen.

Use of the National Action Type "TT/TS-EPA/State Receipt of Stack Test Report" is used when the stack test results were not known at the time when the action was reported to AFS. When this action is used in an HPV pathway, it will be used as the HPV Discovery Date versus the stack test action. This action type is intended to be used in conjunction with appropriate stack

test actions, however, AFS will use the TT/TS action type equivalents to document HPV Discovery Date. Use of this action will document the receipt of when the discovering agency first receives information concerning a Federally-enforceable violation, consistent with the HPV Policy.

In November 2006, the AFS Compliance Managers voted to add the addition of Title V Annual Compliance Certification Due/Received actions as an HPV Discovery Date. This action was added as many HPV situations were determined due to an overdue TV Annual Compliance Certification. The Due/Received action captures the date of the discovery in the Date Achieved field and should be used as the Discovery Date action.

Additionally, retrievable acronyms have been created in order to facilitate review and analysis of this information:

AFS Acronym	Description
DADT	HPV Discovery Date, can be used as selection or output criteria, date format is YYYYMMDD
DATP	HPV Discovery Action Type, can only be used as output, provides the Regional Action Type used to define the HPV Discovery Date
DADS	HPV Discovery Action Description, can only be used as output, reflects the description of the Regional Action Type used to define the HPV Discovery Date

The following sample screen print from AFS depicts the addition of the HPV Discovery Date:

```
DATE  :  01/06/06        AIRS FACILITY SUBSYSTEM - BROWSE        PGM:  AFP515
SCREEN:  515              HPV FLAG ACTION PATHWAY MATRIX         MAP:  AFM5151
==============================================================================
 00000  SAMPLE PLANT                                          123 MAIN STREET
 AIR PROGRAM CODES:  M MACT (SECTIO     V TITLE V PERM     0 SIP
 STATE COMPL STAT:  1 IN VIOLATION - NO   EPA COMPL STAT:  5 MEETING COMPLIANCE
------------------------------------------------------------------------------
CURR HPV FLAG: S  EFF DATE: 20041029  FLAG SOURCE: S  ACTION NO: 439

DAY ZERO ACTION DISCOVERY  ADDRESSING ACTION   DAYS USED TO  RESOLVED ACTION
/DATE ACHIEVED    DATE     TYPE/DATE ACHIEVED    ADDRESS     TYPE/DATE ACHIEVED
--------------- ---------  ------------------  ------------  ------------------
 439  20041029   20040706
 077  20000223   20000223     X2  20000711          139
 101  20010301   20001122     Z3  20020110          315         V5  20031229
 059  19980817   19980420     X2  20000112          513         Q5  20031002
 042  19970519   19971215     29  19970917          121         V2  20030912
 047  19980224   19980421     X2  19980626          122         V2  19981217
```

Users are also encouraged to enter a short comment describing the violation on the Day Zero Action.

HPV MATRIX VIOLATION CODE TABLE

DESCRIPTION TYPE: VC - VIOLATION TYPE CODES

GC1	Fail to Obtain PSD or NSR Permit: Failure to obtain a PSD permit (and/or to install BACT), an NSR permit (and/or to install LAER or obtain offsets) and/or a permit for a major modification of either.
GC2	Viol. Of Air Toxics Requirements: Violation of air toxics requirement (i.e. NESHAP, MACT) that either results in excess emissions or violates operating parameter restrictions.
GC3	Violation that Affects Synthetic Minor Status: Violation by a synthetic minor of an emission limit or permit condition that affects the source's PSD, NSR, or Title V status.
GC4	Enforcement Violation: Violation of any substantive term of any Local, State, or Federal order, consent decree or administrative order.
GC5	Title V Certification Violation: Substantial violation of the source's Title V certification obligations.
GC6	Title V Permit Application Violation: Substantial violation of the source's obligation to submit a Title V permit application.
GC7	Testing, Monitoring, Recordkeeping, or Reporting Violation: Violations that involve testing, monitoring, recordkeeping, or reporting that substantially interfere with enforcement or determining the source's compliance with applicable emission limits.
GC8	Emission Violation: Violation of an allowable emission limit detected during a reference method stack test.
GC9	Chronic or Recalcitrant Violation: CAA violations by chronic or recalcitrant violators.
G10	Section 112(r) Violation: Substantial violation of CAA Section 112(r) requirements.

HPV MATRIX CODES

MATRIX CODE	AFS DESCRIPTION	VIOLATION	METHOD OF DETECTION	MAPS TO POLICY MATRIX #	STANDARD	SUPPLEMENTAL SIGNIFICANT THRESHOLD[1]	% IN EXCESS OF REFERENCE LIMIT/PARAMETER		% OF TIME IN EXCESS OF REFERENCE LIMIT
M1A	Any violation of emission limit detected via stack testing.	Violation of Allowable Emissions Limitations, reference HPV Matrix Criteria 1A, reference method stack testing.	Stack Testing	1-Emission Violation Detected by Stack Test	Any applicable requirement		Any violation of the applicable standard	N/A	
M1B	Violation of emission limits > 15% via sampling	Violation of allowable emissions limitations, reference HPV Policy Matrix Criteria 1B, coatings analysis, fuel samples or other process material sampling.	Coatings analysis, fuel samples, other process materials sampling or raw/process materials usage reports.	2-Emission Violation Using Process/Formulation Data	Any applicable requirement		> 15% of the applicable emission limitation	N/A	
M1C	Violation of emission limits > the SST (Supplemental Significant Threshold)	Violation of allowable emissions limitations, reference HPV Policy Matrix Criteria 1B, coatings analysis, fuel samples or other process material sampling.	Coatings analysis, fuel samples, other process materials sampling or raw/process materials usage reports.	2-Emission Violation using Process/Formulation Data	Any applicable requirement	CO 23 lb/hr, NOX 9 lb/hr, SO2 9 lb/hr, VOC 9 lb/hr, PM 6 lb/hr, PM10 3 lb/hr	> the SST. [1]	N/A	
M2A	Violation of Direct Surrogate for >5% of limit for >3% of OT (operating time)	Violation of parameter emissions limitations, reference HPV Policy Matrix Criteria 2A, continuous/periodic parameter monitoring.	Continuous/Periodic Parameter Monitoring (includes indicators of control device performance).	3-Surrogate Limit Violation	Any applicable requirement		> 5% of the applicable parameter limit	FOR	>3% of the operating time during the reporting period.
M2B	Violation of Direct Surrogate for >50% of OT (operating time).	Violation of parameter emissions limitations, reference HPV Policy Matrix Criteria 2A, continuous/periodic parameter monitoring.	Continuous/Periodic Parameter Monitoring (includes indicators of control device performance).	3-Surrogate Limit Violation	Any applicable requirement				Any exceedance of the parameter limit for >50% of the operating time during the reporting period. [3]

HPV MATRIX CODES

MATRIX CODE	AFS DESCRIPTION	VIOLATION	METHOD OF DETECTION	MAPS TO POLICY MATRIX #	STANDARD	SUPPLEMENTAL SIGNIFICANT THRESHOLD[1]	% IN EXCESS OF REFERENCE LIMIT/PARAMETER		% OF TIME IN EXCESS OF REFERENCE LIMIT
M2C	Violation of Direct Surrogate of >25% for 2 reporting periods.	Violation of parameter emissions limitations, reference HPV Policy Matrix Criteria 2A, continuous/periodic parameter monitoring.	Continuous/Periodic Parameter Monitoring (includes indicators of control device performance).	3-Surrogate Limit Violation	Any applicable requirement				Any exceedance of the parameter limit for >25% of the operating time during the reporting period, continuing through the subsequent consecutive reporting period. [3]
M3A	Violation of non-opacity standard via CEM of >15% for >5% of operating time.	Violation of applicable standards (non-opacity), reference HPV Policy Matrix Criteria 3A, continuous emissions monitoring.	Continuous Emissions Monitoring (where CEM is certified under federal performance specifications).	4-CEM Detected Violation	<=24 hour averaging period		Any exceedance > 15% of the applicable standard.	FOR	>5% of the operating time during the reporting period. [4] [6]
M3B	Violation of non-opacity standard via CEM of the SST (Supplemental Significant Threshold).	Violation of applicable standards (non-opacity), reference HPV Policy Matrix Criteria 3A, continuous emissions monitoring.	Continuous Emissions Monitoring (where CEM is certified under federal performance specifications).	4-CEM Detected Violation	<=24 hour averaging period	CO 23 lb/hr NOX 9 lb/hr SO2 9 lb/hr VOC 9 lb/hr	Any exceedance of the SST.		
M3C	Violation of non-opacity standard via CEM of >15% for 2 reporting periods	Violation of applicable standards (non-opacity), reference HPV Policy Matrix Criteria 3A, continuous emissions monitoring.	Continuous Emissions Monitoring (where CEM is certified under federal performance specifications).	4-CEM Detected Violation	<=24 hour averaging period		Any exceedance of 15% of the applicable standard.	FOR	>3% of the operating time during two consecutive reporting periods. [4] [6]
M3D	Violation of non-opacity standard via CEM of >50% of the operating time during the reporting period.	Violation of applicable standards (non-opacity), reference HPV Policy Matrix Criteria 3A, continuous emissions monitoring.	Continuous Emissions Monitoring (where CEM is certified under federal performance specifications).	4-CEM Detected Violation	<=24 hour averaging period				Any exceedance of the reference limit for >50% of the operating time during the reporting period. [3]

HPV MATRIX CODES

MATRIX CODE	AFS DESCRIPTION	VIOLATION	METHOD OF DETECTION	MAPS TO POLICY MATRIX #	STANDARD	SUPPLEMENTAL SIGNIFICANT THRESHOLD[1]	% IN EXCESS OF REFERENCE LIMIT/PARAMETER		% OF TIME IN EXCESS OF REFERENCE LIMIT
M3E	Violation of non-opacity standard via CEM of >25% during two consecutive reporting periods.	Violation of applicable standards (non-opacity), reference HPV Policy Matrix Criteria 3A, continuous emissions monitoring.	Continuous Emissions Monitoring (where CEM is certified under federal performance specifications).	4-CEM Detected Violation	<=24 hour averaging period				Any exceedance of the parameter limit for >25% of the operating time during the reporting period, continuing through the subsequent consecutive reporting period. [3]
M3F	Any violation of non-opacity (>24 hours standard) via CEM.	Violation of applicable standards (non-opacity), reference HPV Policy Matrix Criteria 3A, continuous emissions monitoring.	Continuous Emissions Monitoring (where CEM is certified under federal performance specifications).	4-CEM Detected Violation	>24 hour averaging period		Any violation of the applicable standard.	N/A	
M4A	Violation of opacity standards (0-20%) via Continuous Opacity Monitoring (COM).	Violation of applicable standards (opacity), reference HPV Policy Matrix Criteria 4A, continuous opacity monitoring. [2]	Continuous Opacity Monitoring (COM)	5-Opacity Violations	0-20% opacity		>5% opacity over the limit	FOR	>5% of the operating time during the reporting period. [4] [6]
M4B	Violations of opacity standards >3% of operating time via Continuous Opacity Monitoring during two consecutive reporting periods.		Continuous Opacity Monitoring (COM)	5-Opacity Violations	0-20% opacity		>5% opacity over the limit		
M4C	Violation of opacity standards (> 20%) via Continuous Opacity Monitoring (COM) for >5% of operating Time.		Continuous Opacity Monitoring (COM)	5-Opacity Violations	> 20% opacity		>10% opacity over the limit	FOR	>5% of the operating time during the reporting period. 4 6
M4D	Violation of opacity standards (>20%) via Continuous Opacity Monitoring (COM) for 5% operating time.		Continuous Opacity Monitoring (COM)		> 20% opacity		>10% opacity over the limit		

HPV MATRIX CODES

MATRIX CODE	AFS DESCRIPTION	VIOLATION	METHOD OF DETECTION	MAPS TO POLICY MATRIX #	STANDARD	SUPPLEMENTAL SIGNIFICANT THRESHOLD[1]	% IN EXCESS OF REFERENCE LIMIT/PARAMETER		% OF TIME IN EXCESS OF REFERENCE LIMIT
M4E	Violation of opacity standards (0-20%) via Method 9 VE Readings.	Violation of applicable standards (opacity), reference HPV Policy Matrix Criteria 4B, Method 9 Visual Emissions Readings. [2]	Method 9 VE Readings	5-Opacity Violations	0-20% opacity		>50% over limit	AND	Any violation of SIP/NSPS limits. [5]
M4F	Violation of opacity standards (>20%) via Method 9 VE Readings.	Violation of applicable opacity standards (averaging period of 6-minute block averages), reference HPV Matrix Criteria 5.	Method 9 VE Readings	5-Opacity Violations	> 20% opacity		>25% over limit	AND	
DIS	Discretionary HPV	HPV definition subject to mutual agreement of the State/Local Agency and EPA.	Mutual Agreement	Not Applicable--Discretionary	Can be major or minor source				

Footnotes:

1. Supplemental Significant Threshold is based on PSD significant levels. The significant threshold value is the lb/hr emission rate at 8760 hours which would result in PSD review.

2. Based on the applicable averaging period (e.g. 6-minute block averages).

3. For the first reporting period. If exceedance of the operating time during the first reporting period evaluated, and if such exceedances continue during the subsequent consecutive reporting period, the exceedances will be considered high priority violations for both reporting periods if the percent of time in excess exceeds 25% of the operating time during the second reporting period.

4. For the first reporting period. If exceedances occur for more than 3% of the operating time during the first reporting period evaluated, and if such exceedances continue during the subsequent consecutive reporting period, the exceedances will be considered high priority violations for both reporting periods if the percent of time in excess exceeds 3% of the operating time

during the second reporting period.

5. Unless the state or local agency concludes that 1) the cause of the violation has been corrected within 30 days and the source has returned to compliance, are 2) the source was in compliance with an applicable mass limit at the time the Method 9 visual reading was taken.

6. This would not include any federally approved exempt period (e.g., startup/shutdown/malfunction 40 CFR 60.11), since these would not be violations.

12. High Priority Violator (HPV) Lead Changes:

LEAD CHANGE DEFINITION: Lead changes (From Federal to State lead, from State to Federal Lead, or Joint Lead) on a violation may be made at any time. Timely and appropriate enforcement is extended to 300 days in case of a lead change. Cases may be assumed by EPA if addressing/resolution actions have not taken place by Day 270. Lead changes are added to an existing pathway and DO NOT change the day zero action date.

AIR PROGRAM CODE(S):	**Required, should reflect the applicable air programs**
ACTION TYPE:	**Regional equivalents of:**
	DY Lead Changed to Federal Enforcement
	DB Lead Changed to Shared Enforcement
	DS Lead Changed to State Enforcement
	2B Shared Enforcement Lead (Joint)
DATE SCHEDULED:	Optional
DATE ACHIEVED:	**Required. Date of lead change.**
RESULTS CODE:	Not required.
PENALTY AMOUNT:	Not required.
RDE8:	Not required
STAFF CODE:	Not required
POLLUTANT CODE:	**Encouraged, lead pollutant should be reported.**
CONTRACTOR ID:	Not required
RDE 16	Not required.

ACTION LINKING FOR HPV CASES IS REQUIRED.

13. High Priority Violator (HPV) Addressing and Resolving Actions:

ADDRESSING ACTION DEFINITION: By Day 270 (if there has been no lead change), the violation should be either Resolved or Addressed. Addressing Actions include: Administrative Orders, Civil or Criminal Referrals, Administratively Addressed with No Formal Enforcement Action, SIP Revisions, Civil or Criminal Actions or Administrative Penalty Orders. In the case of a civil or criminal referral, an additional action of "OT" Other Addressing Action will need to be entered and linked to the Day Zero. As the Civil and Criminal Referral action types are Enforcement Sensitive, the OT action will ensure that the violation is correctly addressed in extracts to systems like the Online Targeting Information System (OTIS) and the Enforcement Compliance History Online (ECHO) system. Addressed violations *could* have a compliance status change from violation to meeting schedule. **HPVs addressed but not resolved need to reflect a compliance status of noncompliance or meeting schedule.** See the following chart for a list of addressing and resolving action types.

VIOLATION RESOLVED DEFINITION: Source compliance is confirmed, all penalties are collected, all activity identified in a Supplemental Enforcement Project (SEP) and all injunctive relief is completed. **After action reporting and linking, compliance status should be returned to compliance.** See the following chart for a list of addressing and resolving action types.

AFS REPORTING FOR ADDRESSING AND RESOLVING ACTIONS:

AIR PROGRAM CODE(S):	**Required, should reflect the applicable air programs**
ACTION TYPE:	**Regional equivalents of action types on the following chart**
DATE SCHEDULED:	Optional
DATE ACHIEVED:	**Required. Date determined by activity.**
RESULTS CODE:	Not required.
PENALTY AMOUNT:	**Assessed cash penalties on the formal enforcement addressing action** (not the resolving action).
RDE8:	Not required
STAFF CODE:	Not required
POLLUTANT CODE:	**Encouraged, lead pollutant should be reported on the Day Zero action.**
CONTRACTOR ID:	Not required
RDE 16	Not required.

ACTION LINKING FOR HPV CASES IS REQUIRED.

NATIONAL ACTION TYPES FOR ADDRESSING OR RESOLVING HIGH PRIORITY VIOLATOR CASES IN AFS			
ACT	DESCRIPTION	ADDRESS	RESOLVE
C3	EPA 113(D) ADMIN PENALTY COLLECTED		X
C7	CLOSEOUT MEMO ISSUED		X
OT	OTHER ADDRESSING ACTION (USED IN CONJUNCTION WITH CIVIL REFERRALS)	X	
VR	VIOLATION RESOLVED		X
WD	EPA 113(D) WITHDRAWN		X
2D	STATE COURT CONSENT DECREE	X	
2K	COMPL BY STATE, NO ACTION REQUIRED (ADMINISTRATIVELY RESOLVED-NO FORMAL ENFORCEMENT ACTION)		X
2L	PROPOSED SIP REVISION WILL LEAD TO COMPLIANCE	X	
2M	PROPOSED SIP/FIP REVISION WILL LEAD TO COMPLIANCE	X	
6B	EPA COURT CONSENT DECREE	X	
7F	EPA 113(D) APO COMPLAINT FILED	X	
7G	COMPL BY EPA, NO ACTION REQUIRED (ADMINISTRATIVELY RESOLVED-NO FORMAL ENFORCEMENT ACTION)		X
8A	EPA 113(A) ORDER ISSUED	X	
8C	STATE ADMIN ORDER ISSUED	X	
9C	STATE CIVIL ACTION	X	

14. Non-HPV Day Zero:

This action type starts a pathway for non-HPV instances. The linkage feature of AFS has proven to be very versatile and useful, and users had requested the ability to link up like actions similar to the HPV pathways. This use of this action type is not mandatory and is available at user discretion. The 620 report provides the choice of a Non-HPV pathway, so a pathway summary report can be generated.

USE OF THIS ACTION TYPE IS OPTIONAL

AIR PROGRAM CODE(S):	**Required, should reflect the applicable air programs**
ACTION TYPE:	**Regional equivalents of:**
	NH-Non-HPV Day Zero
DATE SCHEDULED:	Optional
DATE ACHIEVED:	**Date Achieved or Schedule is mandatory.**
RESULTS CODE:	Not required.
PENALTY AMOUNT:	Not required.
RDE8:	Not required
STAFF CODE:	Not required
POLLUTANT CODE:	Not required
CONTRACTOR ID:	Not required
RDE 16	Not required.

ACTION LINKING IS REQUIRED WHEN USING THIS OPTIONAL ACTION TYPE.

15. Dropped HPV Cases

There are instances when a violation is dropped with no further enforcement activity. The source may or may not be in compliance. If the source is not in compliance the use of the National Action Types 2K/7G-Source Returned to Compliance by State/EPA, is not appropriate. In this instance, the National Action Type C7-Closeout Memo Issued, is recommended for closing out the pathway. The memo referred to in the action type does not have to a formal memorandum or letter to the source involved, it is assumed to be an accounting of the reasons for dropping enforcement action.

16. Title V Annual Compliance Certifications Date Due and Received

DEFINITION: As required by the Compliance Monitoring Strategy (CMS) of April 2001, Regions shall enter the date a Title V Annual Compliance Certification (ACC) is due and received unless otherwise negotiated. Due dates are normally determined by the Permit Authority and may reflect a grace period before a source is considered to be late in submitting the ACC. Received dates are post mark dates on the ACC. In case of electronic submission, the

date received is the date submitted to the reviewing agency. Compliance status is to be reported in the Results Code field: MC=Compliance, MV=Violation, MU=Unknown. Deviations are to be reported by EPA in the RDE8 field: Y=Yes, N=No, or a number of deviations reported may be entered.

AFS REPORTING:	**REQUIRED REPORTING–RECAP**
AIR PROGRAM CODE(S):	**Required, Should reflect "V" for Title V**
ACTION TYPE:	**Regional equivalents of:**
	CC EPA TV ACC Due/Received
	CB Permit Authority TV ACC Due/Receive (as negotiated)
DATE SCHEDULED:	**Due Date, determined by Permitting Authority**
DATE ACHIEVED:	**Received date, should reflect the post mark on the certification.**
RESULTS CODE:	**Required by EPA, reports compliance: MC=Compliance**
	MV=Violation
	MU=Unknown
PENALTY AMOUNT:	Not required.
RDE8:	**Required by EPA, reports deviations:**
	Y=Yes
	N=No
	Or number of deviations may be reported.
	State/Local agencies are encouraged to report this information, but it is not required.
STAFF CODE:	Not required
POLLUTANT CODE:	Not required.
CONTRACTOR ID:	Not required
RDE 16	Not required.

17. Title V Annual Compliance Certification Reviews:

As required by the Compliance Monitoring Strategy (CMS) of April 2001, EPA or State/Local Agency review of an annual compliance certification submitted by a source which is permitted under Title V of the Clean Air Act as amended in 1990. Compliance status is to be reported in the Results Code field: MC=Compliance, MV=Violation, MU=Unknown. Deviations are to be reported by EPA in the RDE8 field: Y=Yes, N=No, or a number of deviations reported may be entered.

AFS REPORTING:	**REQUIRED REPORTING–RECAP**
AIR PROGRAM CODE(S):	**Required, Should reflect "V" for Title V**
ACTION TYPE:	**Regional equivalents of:**
	ER Compliance Certification EPA Review
	SR Compliance Certification State Review
DATE SCHEDULED:	Not Required
DATE ACHIEVED:	**Date of Review.**
RESULTS CODE:	**Required by EPA, reports compliance:**
	MC=Compliance
	MV=Violation
	MU=Unknown
PENALTY AMOUNT:	Not required.
RDE8:	**Required by EPA, reports deviations:**
	Y=Yes
	N=No
	Or number of deviations may be reported.
STAFF CODE:	Not required
POLLUTANT CODE:	Not required.
CONTRACTOR ID:	Not required
RDE 16	Not required.

18. Tracking Full Compliance Evaluation Pathways in AFS:

AFS has the capability to track individual activities that lead up to the completion of a Full Compliance Evaluation (FCE) using the same process in place for tracking High Priority Violators (HPVs). By use of a special FCE Pathway Action Type, the individual components of the FCE can be documented.

Four new National Action Types have been incorporated into the AFS action tables to allow for the tracking of FCE components:

- 5E EPA On-Site FCE Pathway
- 5F EPA Off-Site FCE Pathway
- 5G State On-Site FCE Pathway
- 5H State Off-Site FCE Pathway

Once an FCE Pathway has been established, the user can link related activities leading up to the completion of an FCE.

Additionally, the AFS 620 Fixed Report can be used to facilitate tracking:

```
DATE  :  06/12/06          AIRS FACILITY SUBSYSTEM                PGM:  AFP620
                             SELECTION CRITERIA                   MAP:  AFM6201
==============================================================================
REPORT NAME:  AFS PATHWAY SUMMARY REPORT                CRITERIA NAME:
OPTIONAL TITLE:  ____________________________________________________________

ENTER 'X' TO SELECT PATHWAYS (*) AND SPECIFY DATA SELECTION VALUES:

* VIOLATION:   _ STATE DAY 0  _ FEDERAL DAY 0  _ NON-HPV DAY 0
               _ ADDRESSED    _ UNADDRESSED      _ RESOLVED
  VIOLATING POLLUTANTS:   _____  _____  _____  _____  _____

* ADMINISTRATIVE ORDER:     _ EPA 113(A) ORDER   _ STATE ADMIN ORDER
* CONSENT DECREE:           _ STATE COURT ORDER  _ FEDERAL COURT ORDER

* ADMINISTRATIVE PENALTY:  _  EPA 113(D) ADMIN COMPLAINT

* FULL COMP EVAL:  _ EPA ONSITE  _ EPA OFFSITE  _ STATE ONSITE  _ STATE OFFSITE

  KEY ACTION DATE ACHIEVED(YYMMDD):   ______ -  ______
  DOCUMENT NUMBER:   ______________    PAGE BREAK ON SOURCE (Y/N):
```

This will generate a report output for use:

```
DATE  : 06/12/06                    AFS PATHWAY SUMMARY REPORT - HPV PROGRAM                    PGM: AFP620
                                                                                               PAGE:     2
                                      ENFORCEMENT SENSITIVE DATA INCLUDED
=================================================================================================================
                                     FULL COMPLIANCE EVALUATION (FCE) PATHWAY
=================================================================================================================
STATE/CNTY/CDS ID                   STAFF NAME       DOCUMENT NUMBER  KEY ACTION
PLANT NAME                          STATE REGIST                      LINKED ACTION(S)
STREET ADDRESS
CITY                                                                                        DATE      DATE
RDE 16                                                                NUM  TYPE  DESCRIPTION     SCHED     ACHVD
=================================================================================================================
19/777/BETSY                                                          001   OG  S/L ONSITE PATH   /  /    05/10/01
BETSY'S TEST PLANT                                                    002   AT  OBSERVE PCE -ST   /  /    05/12/08
123 MAIN                                                              003   AW  PROCESS PCE -ST   /  /    06/04/02
METCALF                                                               004   AX  PCE/OFFSITE- ST   /  /    06/05/22
                                                                      005   SR  TV STATE REVIEW   /  /    06/06/12
                                                                      006   AS  FCE/ONSITE - ST   /  /    06/06/16
COMMENT:
```

Please keep in mind that use of the FCE pathway will NOT:

- Trigger any HPV flag generation,
- Generate any compliance status values,

- Generate Days Unaddressed or Days Used to Address, as these are not appropriate for this pathway,
- Generate an FCE action type.

19. Reporting Non-Applicability Determinations

Each year Regions are required to provide a schedule of activity to be completed that are used for reporting of Government Performance and Results Act (GPRA) activities. Regions may commit to the completion of particular air toxics activities, only to find out that the source intended for review, evaluation or investigation is actually not subject to the particular program requirements. The addition of the non-applicability action types provide a way for the Regions to report Air Toxic or NSR/PSD FCEs, PCEs, and/or investigations at facilities that turned out not to be subject to the particular MACT subpart or NSR/PSD activity targeted for evaluation or investigation. For further information on GPRA go to: http://www.whitehouse.gov/omb/mgmt-gpra/gplaw2m.html .

The following New National Action types for Federal use are available to reporting non-applicability determinations:

•**NA**-EPA MACT FCE/PCE Non-Applicability Determination
•**NM**-EPA MACT Non-Applicability Determination for Investigations
•**NN**-EPA NRS/PSD Non-Applicability Determination for Investigations

Non-Applicability actions should be reported as follows:

- Situation 1: If an FCE/PCE/Investigation finds that the MACT/NSR/PSD Air Program is not applicable:
  - Report the appropriate FCE/PCE/Investigation code to document your work, using an appropriate air program code (Title V or SIP).
  - Also enter the appropriate non-applicability action type (NA/NM/NN) to document non-applicability.

- Situation 2: If an FCE/PCE/Investigation finds that a certain subpart is not applicable, but other MACT subparts are:
  - Report the appropriate FCE/PCE/Investigation code using the MACT air program code (M). This documents the FCE/PCE/Investigation work for applicable MACTs.
  - **Also** enter the appropriate non-applicability action type (NA/NM) and note the **non-applicable subpart in the RDE 16 field**.

AFS REPORTING:	**REQUIRED REPORTING–RECAP**
AIR PROGRAM CODE(S):	**Required, use appropriate codes as described above**
ACTION TYPE:	**Regional equivalents of:**

	NA-EPA MACT FCE/PCE Non-Applicability Determination **NM**-EPA MACT Non-Applicability Determination for Investigations **NN**-EPA NRS/PSD Non-Applicability Determination for Investigations **And applicable FCE/PCE/Investigation actions types as described above**
DATE SCHEDULED:	Not Required
DATE ACHIEVED:	**Date of Activity**
RESULTS CODE:	Not required.
PENALTY AMOUNT:	Not required.
RDE8:	Not required.
STAFF CODE:	Not required
POLLUTANT CODE:	Not required.
CONTRACTOR ID:	Not required
RDE 16	**Non-Applicability subpart(s) for actions NA/NM.**

SECTION 4 SECURITY AND AFS

A. EPA's SECURITY MEASURES FOR AFS

AFS supports EPA, as well as State and local agencies, needing information to carry out air compliance management programs. All AFS users must ensure that the AFS application and its data are protected from loss, misuse, and unauthorized access or modification. These security measures for AFS are intended to protect the air compliance data that State and local agencies periodically submit to EPA. This protection includes measures to protect against unauthorized modification or loss of data, while at the same time protecting the underlying computer system that EPA operates.

There are certain security practices and procedures that should be followed to minimize the potential misuse or damage to the AFS database. Some of these include:

> ***Be familiar with the security policies and practices*** involving the AFS application, especially those for confidential or sensitive information.
>
> ***Maintain security for the application*** by correctly using established security mechanisms (use of unique user ID and password) and practices when accessing the AFS application.
>
> ***Do not attempt to view, change, or delete*** *data* unless you are authorized to do so.
>
> Do not use ***your system privileges to obtain data/files or run applications for anyone*** who is not authorized to view or use data that are sensitive.
>
> ***Be alert*** to potential threats to corrupt or destroy the AFS application and database.
>
> Ensure that ***no one person has sole access to***, or control over, AFS information and processing resources.
>
> ***Guard user ID and password***. Do not loan out to others.

For more information on security practices and procedures to protect the database please refer to Appendix 6: Security and AFS

B. AFS CONTINGENCY PLANNING – WHAT TO DO IN A DISASTER

AFS Contingency Planning
Standard Operating Procedures

Background
The purpose of the AFS contingency plan is to ensure that AFS data is available in the event of a disaster. The AFS is critical to performing a primary EPA mission which is to support the air compliance/enforcement program. As a result, the AFS must be available within 15-30 days following a catastrophic disaster to avoid impairment of EPA's long-term ability to accomplish its mission.

Introduction
This standard operating procedures (SOP) document was compiled to provide guidance to AFS users on the steps necessary to support a continuity of operations in the event of a disruption resulting in the inaccessibility of the AFS.

Disruptions Affecting AFS
An emergency affecting the accessibility of AFS can vary from being a temporary disruption that is quickly rectified with minimal impact, to a catastrophic disruption resulting in great amounts of time where AFS is not available. Different types of disruptions fall within the following categories:

Category	Length of Time AFS is Unavailable	Example Cause
Temporary Disruption	3 working days or less	Minor software failure due to improper installation
Major Disruption	3-14 working days	Software/hardware malfunctions, Malfunction to NCC support due to severe inclement weather
Catastrophic Disruption	>15 working days	Complete failure of support due to security breach, communication failure

Standard Operating Procedures
For disruptions lasting less than 15 days, you will need to input your data immediately when you have been informed that the AFS is back in operation and accessible. However, for disruptions that are 15 days and greater, there are 5 steps that you should take to implement contingency planning:

Step 1: Notify the Appropriate Personnel
If you notice that the AFS is not available when you attempt to log on please contact someone immediately. Please see *Section 8: AFS Contacts* for a listing of key persons that you should contact.

Step 2: Check Information Sources for Updates
Refer to the available information sources for updates to know the status of the disruption. You should check:

1. Your phone and/or email
2. AFS Helpline
3. AFS Mainframe Bulletin Board – assuming you were able to finally log in
4. AFS Regional Compliance Manager
5. AFS Website

Step 3: Document Your Agency's AFS Data
Independent of whether or not AFS is accessible, data must be collected according to the latest issuance of the AFS Information Collection Request. Be sure to label sensitive data appropriately.

- Batch users, including Universal Interface users, will continue to create batch update files as usual. Batch users of AFS will be asked to hold future submittals until NCC is restored or an alternative reporting platform is supplied. Batch users may also be asked to generate activity reports from their own systems to ensure a flow of information to the EPA Regional and Headquarters offices.

- Direct users of AFS will be requested to maintain records of activity defined as reportable to AFS. These data elements are defined by the minimum data requirements as listed in the AFS Information Collection Request (ICR) which was approved by the Office of Management and Budget. Direct users will enter their data into the AFS Contingency Planning Worksheet spreadsheets (Appendix 10: AFS Contingency Planning Data Entry Form), either electronically or hardcopy format.

Step 4: Submit Data to EPA at Scheduled Intervals
Data should be submitted to your Regional AFS Compliance Managers at scheduled intervals. Those intervals must fall within the 60 day time frame as specified in the AFS ICR. For further clarification and guidance on the types of data to be submitted, please refer to the Clean Air Act Federally Reportable Violation Clarification document and the AFS Information collection Request Minimum Data Requirements document. States and local agencies should submit their data to EPA headquarters and copy their Regional Compliance Manager. Data submissions should be submitted via email. However, if the email system is unavailable, data submissions should be sent via postal mail. Please review the checklist below for a listing of the data elements that must be included in the submission to your Regional AFS Compliance Manager and to EPA HQ.

Data Element Submission Checklist

Plant General Record: New Plants or Changes to Existing Plant Records

- ❏ AFS ID
- ❏ Name
- ❏ Street
- ❏ City
- ❏ County
- ❏ State
- ❏ Zip
- ❏ SIC or NAICS
- ❏ Government Use Code
- ❏ Applicable Air Programs
- ❏ Air Program Operating Status
- ❏ All Applicable Subparts
- ❏ Air Program Pollutants
- ❏ Air Program Pollutants w/ Classification
- ❏ Compliance Status
- ❏ Attainment / Nonattainment Indicator

HPV Information

Pathways Should be Tracked with:

- ❏ Discovery Date
- ❏ Day Zero
- ❏ Date Addressed
- ❏ Date Resolved
- ❏ Violation Type
- ❏ Violating Pollutants

Actions Reportable Under '07 ICR

- ❏ Full Compliance Evaluations
- ❏ Stack Tests
- ❏ Annual Title V Compliance Certifications
- ❏ Investigations
- ❏ Notices of Violation
- ❏ Formal Enforcement Actions including Consent Decrees
- ❏ Administrative Orders
- ❏ Civil Referrals
- ❏ Criminal Referrals

Actions Should Include:

- ❏ Applicable Air Programs
- ❏ Action Types
- ❏ Date Achieved
- ❏ Date Scheduled
- ❏ RDE8 field
- ❏ Penalties
- ❏ Results Code

Compliance Monitoring Information

- ❏ Update to CMS plan as needed

The following activity reports may also be requested:

Number of Full Compliance Evaluations completed during a specified time frame.
Number of Stack Tests observed or reviewed during a specified time frame.
Number of Notices of Violation completed during a specified time frame.
Number of Enforcement Actions taken during a specified time frame.
Specified HPV activity during a specified time frame.

Step 5: Resume Normal Operations upon Notification that the System has been Rectified
AFS does not subscribe to the NCC Disaster Recovery Planning service and as a result the AFS will assume restoration of services as soon as is possible for NCC support to restore the system and its functions. Upon notification that AFS is functional, the respective state/local agency is required to submit their batch input files into the AFS system. To avoid accidental duplicate data entry, the state/local agency should inform their Regional AFS Compliance Manager about their data submittal to AFS.

C. GUIDELINES FOR HANDLING ENFORCEMENT SENSITIVE DATA

It is paramount that any sensitive information (e.g., enforcement sensitive data) in the AFS application is protected from unauthorized access. Data that has been identified as enforcement sensitive includes:

National Action Type	Description
C2	113D APO recalculated
EI	EPA Investigation Initiated
SI	State Investigation Initiated
UB	113D Unmitigated Economic Benefit (OBSOLETE)
UC	113D Unmitigated Gravity Comp. (OBSOLETE)
US	113D Total Unmitigated Penalty (OBSOLETE)
1D	State Criminal Referral
1E	Civil Referral to State AG
3D	State Civil Penalty Assessed
4B	EPA Civil Referral
4F	Civil Referral Notification (OBSOLETE)
4H	Civil Referral Notification Deficiency by State (OBSOLETE)
4J	Civil Referral Substantive Violation by EPA (OBSOLETE)
4L	Civil Referral Substantive Violation by State (OBSOLETE)

Keep in mind the following:

- Be sure to ***provide only authorized personnel with sensitive data*** (whether the data are on your screen, on paper or in an electronic file).
- When viewing or processing confidential or sensitive data, ***be sure the PC is in a non-traffic area and that only persons authorized to see the data*** are in the area.
- ***Protect all documents, reports and files containing sensitive data***. Be sure that they are labeled "ENFORCEMENT-SENSITIVE."
- ***Destroy sensitive documents*** by shredding when finished with them.
- ***Safeguard*** sensitive data. Do not store to your hard drive, safeguard your diskettes.
- Log off your computer when you are away from your work station!
- Lock up or put away sensitive data.

SECTION 5 NATIONAL INITIATIVES

A. AIR TOXICS INITIATIVE

In February 2008, the Air Toxics Strategy Implementation Team approved the National Air Toxics Compliance and Enforcement Priority strategy. Tracking of this initiative will be dependent upon the accuracy of the data in AFS for Federal activities. The goal of the Air Toxics National Compliance and Enforcement Priority (FY08-10 Strategy) is for each EPA region to address eighty percent of the facilities in the regional selected MACT standard(s) within the National Problem Areas. The MACT Prioritization Tool on the OTIS web page will contain a page with the current status of completion for each Region. Data to populate this page will be extracted from AFS.

The National Problem Areas have been defined as Leak Detection and Repair (LDAR), industrial flares, and surface coating. Please see the attached table of applicable MACT subparts. Addressing is defined as:

- Determining through a partial or full compliance evaluation (PCE/FCE) that the facility is not subject to the selected MACT,
- Determining through an PCE or FCE that no further action is needed at this time,
- Determining through an Investigation that no further action is needed at this time,
- Issuing an administrative order or administrative penalty order,
- Referring a case to the Department of Justice (DOJ).

To track this priority in AFS, EPA regions will have to provide the following information:

1. Source Universe Identification: Identification of an Air Toxics source universe that can be retrieved from AFS. Field AMBM on the Plant General record will be used to identify sources within this initiative.
2. Appropriate Subpart Identification.
3. Unique action types to identify air toxics initiatives.
4. Identification in an action record to identify if no further action is needed.

Specific Data Requirement**s:**

1. Source Universe Identification: The Air Toxics source universe identification shall be maintained via the use of the AMBM code on the Plant General record. This field, previously used to document ambient monitoring, will be renamed “Air Toxic Initiative”. It is a one-digit alpha-numeric field where each Region will identify the appropriate Air Toxics source universe. A national code table has been created based on the initiatives that have been chosen by the regions and is available in AFS utilities.

2. Appropriate Subparts: Sources subject to the initiative should have the appropriate subpart entered on the MACT air program record:

Surface Coating MACTs

Auto and Light Duty Truck (IIII)
Fabric, Printing, Coating and Dying (OOOO)
Large Appliances (NNNN)
Magnetic Tape (EE)
Metal Can (KKKK)
Metal Coil (SSSS)
Metal Furniture (RRRR)
Misc. Metal Parts and Products (MMMM)
Paper and Other Web (JJJJ)
Plastic Parts (PPPP)
Printing and Publishing (KK)
Shipbuilding and Ship Repair (II)
Wood Building Products (QQQQ)
Wood Furniture (JJ)

LDAR/Flare MACTs
Flexible Polyurethane Foam (III)
Gas Distribution (R)
Generic MACT (YY)
HON (H)
MON (FFFF)
Marine Vessal Loading (Y)
Misc. Coating Manufacturing (HHHHH)
Municipal Waste Landfill (AAAA)
Natural Gas Transmission and Storage (HHH)
Oil and Gas Production (HH)
Pesticide Active Ingredient (MMM)
Petroleum Refineries (CC)
Pharmaceutical (GGG)
Organic Liquids Distribution (EEEE)
Polymer and Resins, Group IV (JJJ)

3. Unique Action Data Entry: In order to identify activities that are part of this initiative, special action types will be created for the following activities and mapped to the appropriate National Action Types:

Action Type	Description	Equivalent To:
AA	FEDERAL AIR TOXICS ONSITE FCE	FE
AB	FEDERAL AIR TOXICS OFFSITE FCE	FZ
AC	FEDERAL AIR TOXICS ONSITE PCE	ES
AD	FEDERAL AIR TOXICS OFFSITE PCE	EX
AE	FEDERAL AIR TOXICS INVESTIGATION INITIATED	EI

AF	FEDERAL AIR TOXICS INVESTIGATION COMPLETED	EC
AG	FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	8A
AH	FEDERAL ADMINISTRATIVE PENALTY ORDER	7F
AI	FEDERAL AIR TOXICS REFERRAL TO DOJ	4B
AJ	NONAPPLICABILITY OF AIR TOXIC REQUIREMENTS	NA

All Regions are asked to map equivalent actions into their action tables. Regions that have already entered data into AFS for FY08 that are applicable to this initiative will need to change the action type in the existing action record.

4. Results Code: In order to identify if no further action is needed, a unique results code will be needed in each Air Toxics Initiative action record (RSC1). When an FCE, PCE, or Investigation is completed and no further action is required (no enforcement action will be pursued), then a Results Code will provide the information needed to address the source within the initiative.

Results Code	Description
AN	NO FURTHER ACTION REQUIRED

B. OTHER NATIONAL INITIATIVES:

There is occasionally the need to identify work not consistent with air program definitions. National programs to track PSD/NSR review, Air Toxics, area sources and others requires the ability to identify several different kinds of sources in a unique manner to facilitate reporting and data analysis. Work is underway to create fields within AFS to supersede the use of the AMBM field currently used for the national Air Toxics Initiative and allow application of multiple national initiative universes. This effort is underway and not immediately available within AFS. New fields will be created at the Plant General and Action Records in order to identify the sources involved in different initiatives and applicable actions. Work is expected to be completed by FY2010.

SECTION 6 SUGGESTIONS FOR IMPROVING AFS

During the period of Business Rules compilation (Fiscal Years 03 and 04), several recommendations were made concerning the improvement of AFS:

- Many agencies track compliance status by source, not by air program pollutant. Requests to discontinue tracking at the air program pollutant level have been submitted not only during the Business Rules process, but during the AFS Needs Analysis completed in FY02. The air program requires the identification of the pollutant in violation, but an effort to streamline data reporting is being included in modernization efforts.
    - UPDATE: The compliance monitoring and enforcement program for the oversight of CAA stationary sources requires a compliance status based on pollutant regulations. The EPA Regional Air Enforcement Managers have agreed to allow the modernized system to track noncompliance by pollutant, but not require a listing of pollutants by air program. This is expected to significantly streamline data entry.
- Many agencies do not agree that compliance status should be tracked by disposition of enforcement activity. It was reported during conference calls that many agencies consider physical compliance a more reliable way to track compliance with the Act. Sources with unresolved High Priority Violator cases physically in compliance with the Act will be listed as “Meeting Schedule” or “In Violation” until all injunctive relief or penalties are paid. An AFS Workgroup to study Compliance Status has been formed with an expected output in late FY04/early FY05.
    - UPDATE: Although a workgroup was formed to study this issue, no clear findings were compiled. Violators will be listed in violation with regulations until all requirements for compliance are met. The modernization of AFS will introduce additional fields where reporters can indicate that a facility is meeting all pollutant requirements, but might have outstanding enforcement responsibilities such as penalties, equipment installation schedules, or other injunctive relief.
- Many agencies are reporting a Notice of Violation with a proposed penalty, or stipulated penalty. These actions are being counted as a Notice of Violation, but should also be reported as an Administrative Order with Penalty. This compendium advises that any NOV with penalty be reported as two separate actions: an NOV and an Administrative Order.
    - UPDATE: AFS has provided guidance and training in this area, along with presentations at the FY06 and FY07 National AFS Workshops requiring appropriate reporting for this enforcement situation.
- Guidance has been requested for the reporting of Civil Actions by both Federal and State users of AFS. Action types defined as “Civil Action” for filing a complaint are being used to report settlements. New action types for state or district filings have been requested. An AFS Workgroup to study Enforcement Actions has been formed with an

expected output in late FY04/early FY05. In addition, this group will study the reporting of penalty data and reporting information on appealed enforcement cases.

- UPDATE: Optional enforcement actions for state use were entered into AFS. The tracking of appealed cases has been set aside for action during the design phase of a new system. The creation of fields necessary to track this information is too cost prohibitive for current AFS.

- Penalty data is not being reported consistently across the country. Values from injunctive relief and Supplemental Environmental Projects are being added to the penalty field, which is designed to reflect assessed cash penalties only. In cases of court decisions affecting multiple locations, policy for distribution of penalty has been requested. Additionally, penalty amounts are not being reported on the official enforcement action, and are being reported under an action type "Penalty Paid", thus not captured in RECAP analyses.
  - UPDATE: Data quality activities have been put into place to review reported penalties. The new acronym AAPA-Addressing Action Penalty Amount, provides a retrievable field for identifying penalties in HPV cases, to facilitate review of data.
- Guidance is needed for the reporting of appealed cases, where changes in the final penalty have been made.
  - UPDATE: This category of enforcement reporting has been set aside for action during the design of a new system. The creation of fields necessary to track this information is too cost prohibitive for current AFS.
- There are areas where the appropriate air program codes are not being reported. Specifically, Title V applicability, New Source Review (NSR) and Prevention of Significant Deterioration (PSD) air programs are not being identified. The correct reporting of air program codes should be a priority of Regional AFS Compliance Managers for data accuracy.
  - UPDATE: All Regional AFS Compliance Managers are responsible for the accuracy of the air program code universe in their delegated region.
- One Region asked for the ability to track emission credits and trading.
  - UPDATE: This category of enforcement reporting has been set aside for action during the design of a new system. The creation of fields necessary to track this information is too cost prohibitive for current AFS.
- One Region asked for stack test results (Pass or Fail) to be written into AFS code making the information mandatory for reporting on the action type. This type of functionality is being considered in ongoing modernization efforts.
  - UPDATE: Stack Test Pass/Fail/Pending codes are reportable MDRs to AFS. Additional programming can be reviewed during the design phase of modernization.
- One Region has asked for recommended procedures for change of ownership–issues of culpability have been raised and at least one local agency refuses to saddle a new owner with the compliance history of past ownership.

- UPDATE: AFS is a system reporting on the CAA management at stationary sources. The definition of a stationary source is anything within the facility fence lines. Ownership may change, but land use and previous problems are inherited with the facility.

- Guidance has been requested for reporting of stack test failures.
  - UPDATE: Stack Test Guidance was compiled in 2005 and an update to the guidance is scheduled for release in 2009.

SECTION 7 AFS DOCUMENTATION

Current documentation used for reporting data to AFS:

Document Name/Web Site

Compliance Monitoring Strategy AFS Technical Support Document
http://www.epa.gov/compliance/resources/publications/data/systems/air/cmstechman.pdf

The Timely & Appropriate Response to High Priority Violators
http://www.epa.gov/compliance/resources/policies/civil/caa/stationary/hpvmanualrevised.pdf

AFS National Action Types
http://www.epa.gov/compliance/resources/publications/data/systems/air/actions.pdf

List of Minimum Data Requirements (MDRs)
http://www.epa.gov/compliance/resources/publications/data/systems/air/mdrshort.pdf

AF1: Data Dictionary
http://www.epa.gov/compliance/resources/publications/data/systems/air/af1.pdf

AF2 Data Coding Manual
http://www.epa.gov/compliance/resources/publications/data/systems/air/af2.pdf

AF3 Data Storage Manual
http://www.epa.gov/compliance/resources/publications/data/systems/air/af3.pdf

AFS Data Acronym Guides
http://www.epa.gov/compliance/resources/publications/data/systems/air/acronymacroname.pdf
http://www.epa.gov/compliance/resources/publications/data/systems/air/acronymfilename.pdf

AFS Universal Interface Operators Manual

SECTION 8 AFS CONTACTS

AFS CONTACTS		
Ms. Akachi Imegwu **AFS Security Manager** 1201 Pennsylvania Ave, NW Washington DC, 20460 Direct Phone (202) 564 – 0045 Main Phone: (202) 272 – 0167 Toll Free: 1-866-411-4372 Fax (202) 564 – 0032 imegwu.akachi@epa.gov afs-support@epa.gov	**Ms. Betsy Metcalf** **AFS Systems Administrator** 1201 Pennsylvania Ave, NW Washington DC, 20460 Direct Phone (202) 564 – 5962 Main Phone: (202) 272 – 0167 Toll Free: 1-866-411-4372 Fax (202) 564 – 0032 metcalf.betsy@epa.gov afs-support@epa.gov	**TRC Environmental** **Contract Support Team** Helpline: 800-367-1044 Afshelpline@trcsolutions.com
AFS Website: http://www.epa.gov/compliance/contact/data-afscontacts.html		
Region 1 Ms. Beth Kudarauskas 1 Congress St. Suite 1100 Boston, MA 02114-2023 Direct Phone: (617) 918-1564 Fax (617) 918-0564 Toll free w/in R1: (888) 372-7341 Main Phone: (617) 918-1111 kudarauskas.beth@epa.gov	**Region 2** Mr. Phillip Ritz 290 Broadway New York, NY 10007-1866 Direct Phone (212) 637-4064 Fax (212) 637-3998 Main Phone: (212) 637-3000 ritz.phillip@epa.gov	**Region 2** Mr. Steve Carrea 290 Broadway New York, NY 10007-1866 Direct Phone (212)637-3498 Fax (212)637-3998 Main Phone: (212) 637-3000 carrea.steve@epa.gov
Region 3 Ms. Louvinia Madison-Glenn 1650 Arch Street Philadelphia, PA 19103-2029 Direct Phone: (215) 814-5704 Fax (215) 814-2134 Main Phone: (215) 814-5000 Toll free: (800) 438-2474 madison.louvinia@epa.gov	**Region 4** Mr. Ahmed Amanulah Atlanta Federal Center 61 Forsyth Street, SW Atlanta, GA 30303-3104 Direct Phone (404) 562-9209 Fax (404) 582-9164 Main Phone: (404) 562-9900 Toll free: (800) 241-1754 amanulah.ahmed@epa.gov	**Region 5** Ms. Lisa Holscher 77 West Jackson Boulevard Chicago, IL 60604-3507 Direct Phone (312) 886-6818 Fax (312) 353-8289 Main Phone: (312) 353-2000 Toll free w/in R5: (800) 621-8431 holscher.lisa@epa.gov
Region 6 Ms. Pam Elder-Schweers Fountain Place 12th Floor 1445 Ross Avenue Dallas, TX 75202-2733 Direct Phone: (214) 665-7463 Fax (214) 665-7446 Main Phone: (214) 665-2210 Toll free w/in R6: (800) 887-6063 elder-schweers.pam@epa.gov	**Region 7** Mr. Hugh "Joe" McCullough 901 North 5th Street Kansas City, KS 66101 Direct Phone (913) 551 – 7191 Main Phone: (913) 551-7003 Toll free: (800) 223-0425 Mccullough.hugh@epa.gov	**Region 8** Ms. Jocelyn Hoffman 1595 Wynkoop St. Denver, CO 80202-1129 Direct Phone (303) 312 – 6232 Main Phone: (303) 312-6312 Toll free: (800) 227-8917 Hoffman.jocelyn@epa.gov
Region 8 Mr. Jeff Mosal 1595 Wynkoop St. Denver, CO 80202-1129 Direct Phone (303) 312 – 6802 Main Phone: (303) 312-6312 Toll free: (800) 227-8917 mosal.jeffrey@epa.gov	**Region 9** Ms. Linda Barajas-Porter 75 Hawthorne Street San Francisco, CA 94105 Direct Phone (415) 947-4131 Fax (415) 947-3579 Main Phone: (415) 947-8000 Toll free w/in R9: (866) EPA-WEST barajas-porter.linda@epa.gov	**Region 9** Mr. John Borton 75 Hawthorne Street San Francisco, CA 94105 Direct Phone (415) 972-3985 Fax (415) 947-3579 Main Phone: (415) 947-8000 Toll free w/in R9: (866) EPA-WEST borton.john@epa.gov
Region 10 Ms. Laurie Kral		

1200 Sixth Avenue, Suite 900 Seattle, WA 98101 Direct Phone (206) 553-1868 Fax (206) 553-0110 Main Phone: (206) 553-1200 Toll free: (800) 424-4372 kral.laurie@epa.gov		

AFS BUSINESS RULES COMPENDIUM

APPENDICES

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Appendix 1

Compliance Monitoring Strategy Charts

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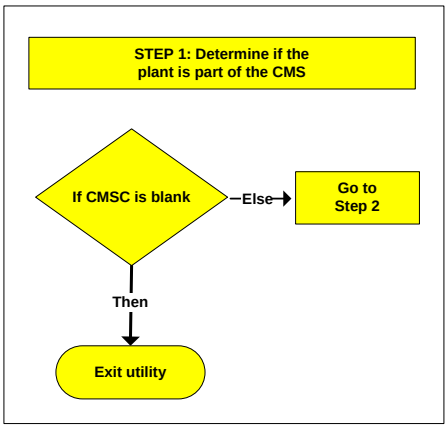
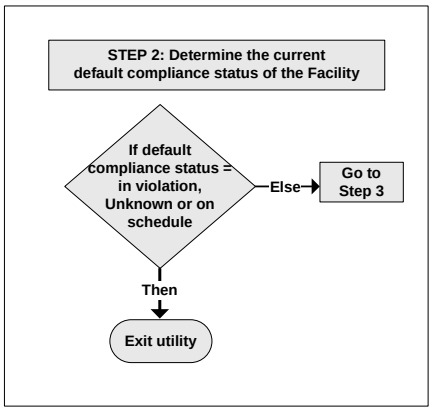
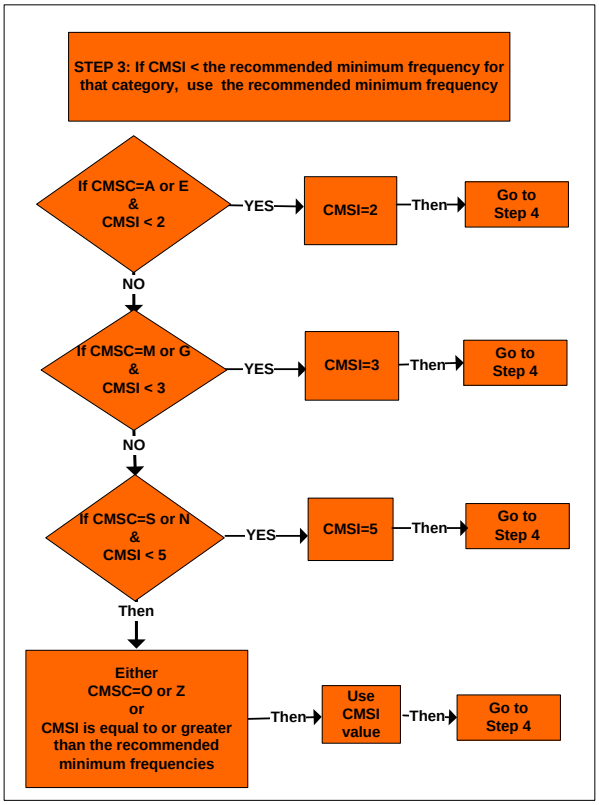
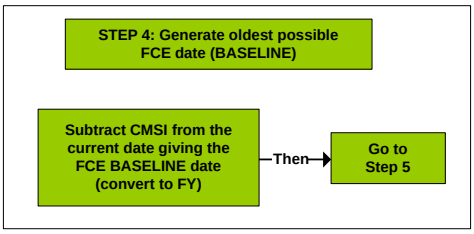
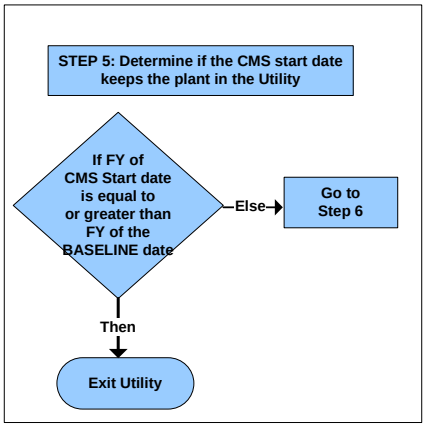
Generate Unknown Compliance Status Utility

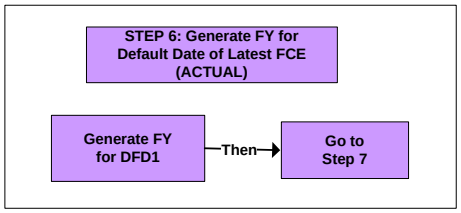


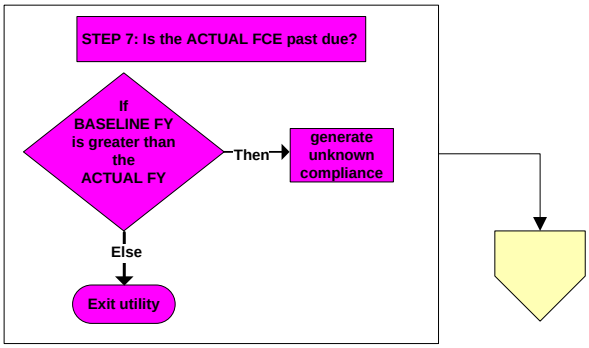




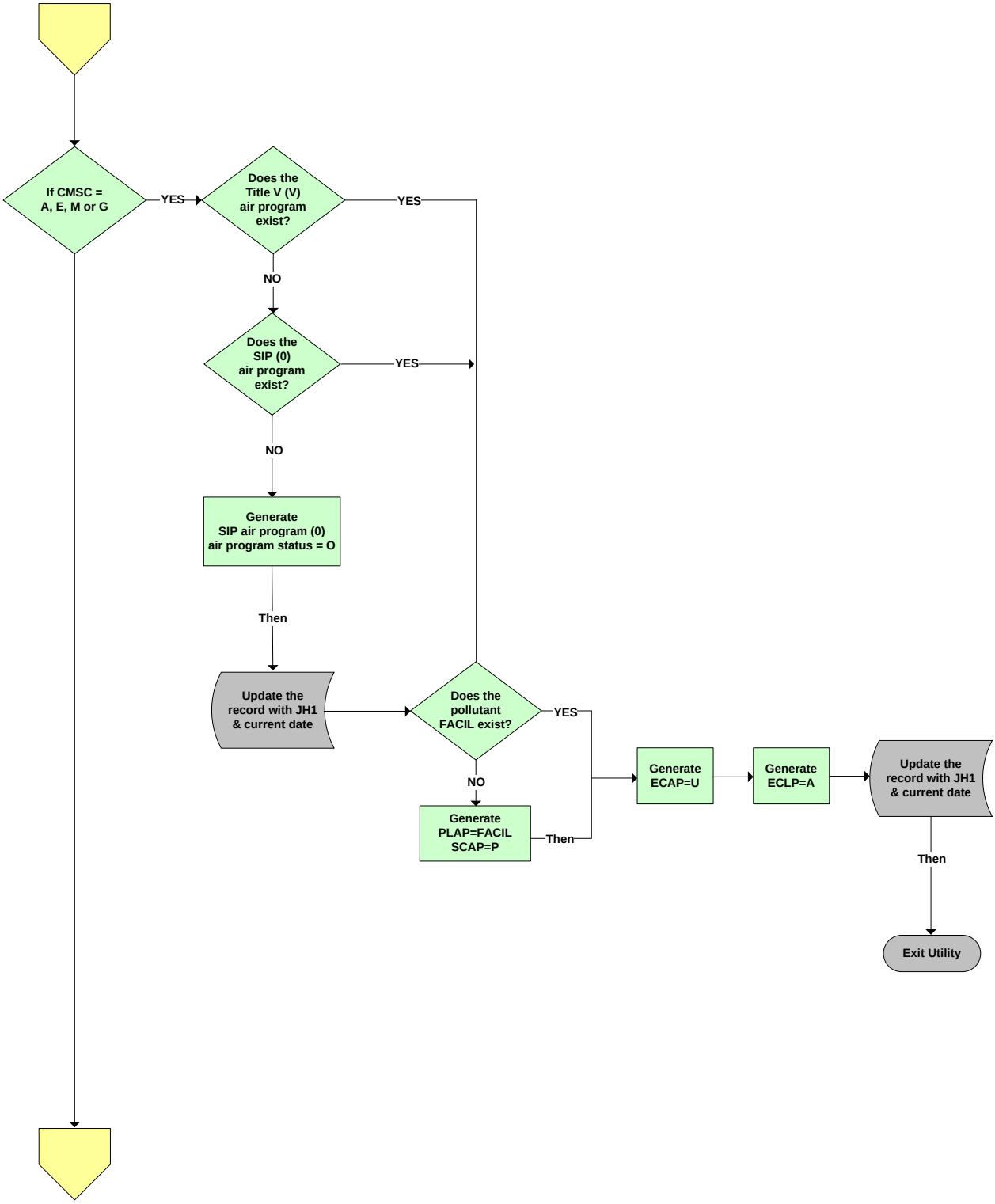








Generate Unknown Compliance Status Utility



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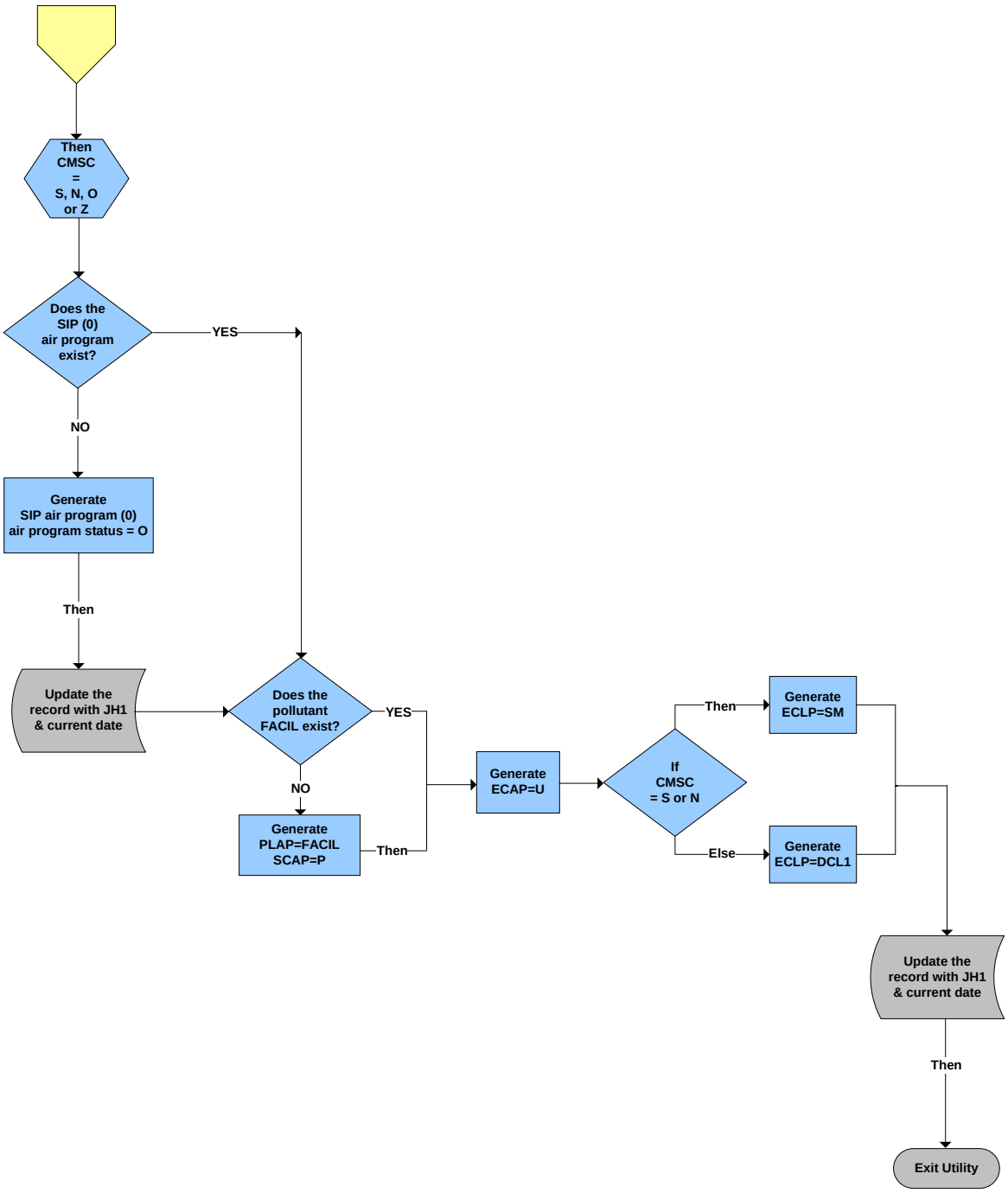
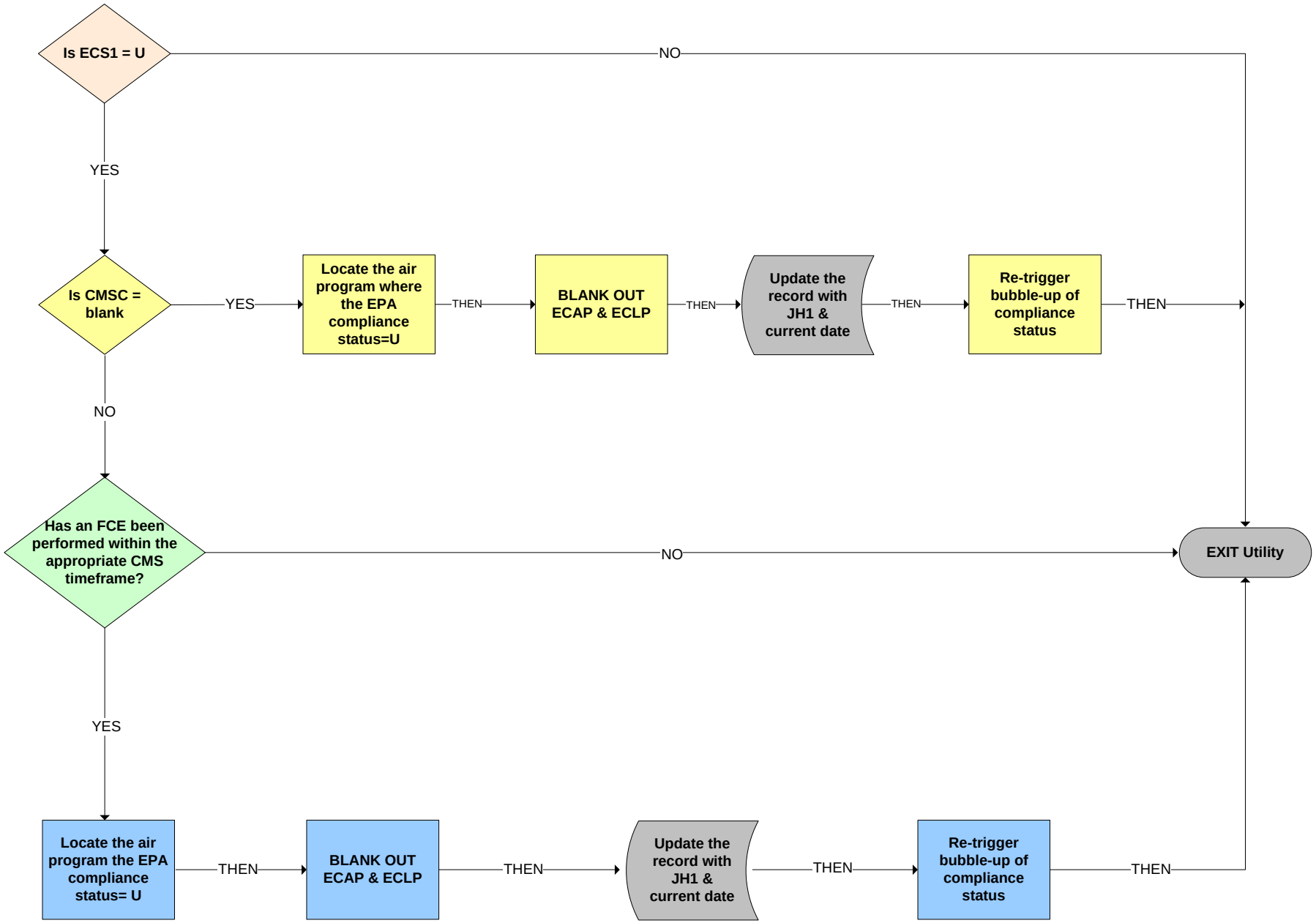


Ungenerate Unknown Compliance Status Utility



Effect on CMS Start Date when CMSC is modified

Description	current value CMSC	new value CMSC	Effect on CMS Start Date
Blank to anything	blank	A, E, M, G, S, N, O or Z	change to current date
Anything to blank	A, E, M, G, S, N, O or Z	blank	blank out
Downgrade to SM80 or Other	A, E, M or G	S, N, O or Z	do nothing
Upgrade to Major or Mega	S or N	A, E, M or G	change to current date
Downgrade to Other	S or N	O or Z	do nothing
Upgrade to any value	O or Z	A, E, M, G, S or N	change to current date

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Appendix 2

AFS Plant General Structure/Data Element Dictionary

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AFS BUSINESS RULES **DATE OF LAST UPDATE:**
STRUCTURE--PLANT GENERAL **03/02/09**
RECORDS IN BOLD TEXT ARE MINIMUM DATA REQUIREMENTS

DATA ELEMENT NAME	DATA ELEMENT DEFINITION	ACROYNM	TYPE	WIDTH	COMMENT	EPA DATA STANDARD	MDR?
AFS PLANT ID	A mandatory 15-digit code identifier for permit information for Permit Program Data Elements (PPDEs). This number must be unique within a county and requires the FIPS state and county codes to uniquely identify a plant in AFS.	PAFS	A	15.0	Most agencies use the SCSC acroynm number for populating PAFS (SSCCCPPPPP where S=FIPS State, C=FIPS County, and P=PCDS ID).		N
AFS PLANT IDENTIFICATION NUMBER	System generated. An internal number assigned to each plant in AFS.	PLNT	A/N	9.0	Was used in the ENVIROFACTS system to identify AFS linkages.		N
AIR PROGRAMS	System generated. Lists applicable air programs at a plant. Used in Ad Hoc reporting, lists all air program codes.	APCP	A	8.0			N
AIR QUALITY CONTROL REGION	A system generated field based on user-supplied plant, state, and county values identifying the Air Quality Control Region in which a plant is located.	AQCR	A	3.0			N
AIR TOXIC INITIATIVE	Federial Use for national initiative	AMBM	A	1.0			
CDS PLANT ID	**Mandatory 5-digit alphanumeric plant identifier for each plant in AFS. Uniquely identifies a source within a county.**	**PCDS**	**A**	**5.0**	**Most agencies number plants within a county sequentially as they are added to AFS.**		**Y**
CDS PLANT ID 1	This optional use field identifies the left (first) digit of the PCDS number. It is used in ad hoc retrievals.	PCD1	A	1.0	Some agencies use this acroynm to categorize plants.		N
CDS PLANT ID 2	This optional use field identifies the left two (first and second) digits of the PCDS number. It is used in ad hoc retrievals.	PCD2	A	2.0	Some agencies use this acroynm to categorize plants.		N
CDS PLANT ID 4	This optional use field identifies the four right most digits of the PCDS number. It is used in ad hoc retrievals.	PCD4	A	4.0	Some agencies use this acroynm to categorize plants.		N
CITY CODE	Optional use. A 5-digit FIPS city code used to identify the city in which a plant is located.	CYCD	A	5.0	Entry of either the City Code or City Name is mandatory. Reference the FIPS table in AFS Table File Lookup in the Utilities.		N
CLASSIFICATION CODE	System generated code that provides the plant default classification.	CLAS	A	5.0			N
COMPLIANCE STATUS	System generated code that provides the plant default compliance status.	CMST	A	5.0			N
CONTACT PERSON COMPLIANCE	The name of a person who is knowledgeable about the compliance information for the facility.	CTPC	A	20.0			N
CONTACT PERSON EMISSIONS	OBSOLETE	CTPE	A	20.0			OBSOLETE
CONTINUOUS EMISSIONS INDICATOR	A system generated field when records associated with Continuous Emissions Monitoring information are added or deleted for the plant. Valid value is Y=Yes.	CEM1	A	1.0	CEM data is not part of the MDRs.		N
COUNTY CODE	**Mandatory FIPS code used to identify the county in which a plant is located.**	**CNTY**	**A**	**3.0**	**Reference the FIPS table in AFS Table File Lookup in the Utilities.**		**Y**
COUNTY NAME	System generated field which identifies the county in which a plant is located.	CTNM	A	30.0	Reference the FIPS table in AFS Table File Lookup in the Utilities.		N
DATE DETERMINATION COMPLETED	OBSOLETE	MACD	A	8.0 50			OBSOLETE
DATE PLANT ADDED POST-CMS	A system generated field designed to maintain the date a plant has been added to AFS after the inception of the CMS. This field is used in calculations dealing with unknown compliance status.	DPAC	A	6.0			N

DATA ELEMENT NAME	DATA ELEMENT DEFINITION	ACROYNM	TYPE	WIDTH	COMMENT	EPA DATA STANDARD	MDR?
DATE PLANT INFO LAST UPDATED	System generated field containing the most current date on which changes were made to any record on the plant.	DTUP	A	6.0			N
DATE RECORD IS UPDATED	System generated field containing the most current date on which changes were made to the Plant General record.	DU11	A	6.0			N
DUN BRADSTREET NUMBER	Optional information, this identification number references the source within the Dun and Bradstreet business database. Update access to this field is limited to system administrators.	DBNO	A	9.0	Dun and Bradstreet numbers are not currently up to date in AFS.		N
E S CLASSIFICATION CODE	System generated default classification. This value is generated from the Air Program Pollutant values to reflect the highest emission level classification of criteria pollutants regulated by an air program. This value is generated regardless of Federal or State/Local agency values. Valid Values are: A=Major, SM=Synthetic Minor, B=Minor, C=Unknown.	DCL1	A	2.0	See the Air Program Pollutant records. Values A1 and A2 are obsolete.		N
E S CLASSIFICATION CODE DESC	System generated default classification. This description of the classification code is generated from the Air Program Pollutant values to reflect the highest emission level classification of criteria pollutants regulated by an air program. This value is generated regardless of Federal or State/Local agency values. Valid Values are: A=Major, SM=Synthetic Minor, B=Minor, C=Unknown.	DLD1	A	25.0			N
E S COMPLIANCE STATUS	A system generated default bubble-up value of the most serious compliance status of air program pollutants at a plant. The most serious case (worst to best) is bubbled-up from either the state or federal value. Compliance values fall within 4 categories: In Compliance, Out of Compliance, On Schedule, and Unknown Compliance. Sources with unaddressed High Priority Violations should be listed as Out of Compliance. Title V Annual Compliance Certifications with deviations may or may not be listed as Out of Compliance. See Air Program pollutants for individual values. See the Data Dictionary for all valid values.	DCS1	A	1.0	ECHO interprets a source with a compliance status of On Schedule as in violation.		N
E S COMPLIANCE STATUS DESC	A system generated description of the default bubble-up value of the most serious compliance status of air program pollutants at a plant. The most serious case (worst to best) is bubbled-up from either the state or federal value. Compliance values fall within 4 categories: In Compliance, Out of Compliance, On Schedule, and Unknown Compliance. Sources with unaddressed High Priority Violations should be listed as Out of Compliance. Title V Annual Compliance Certifications with deviations may or may not be listed as Out of Compliance. See Air Program pollutants for individual values. See the Data Dictionary for all valid values.	DDS1	A	25.0			N
EMERGENCY CONTROL PLAN	OBSOLETE	EMCP	A	1.0			OBSOLETE
EMERGENCY CONTROL PLAN DESC	OBSOLETE	EMCD	A	25.0			OBSOLETE

DATA ELEMENT NAME	DATA ELEMENT DEFINITION	ACROYNM	TYPE	WIDTH	COMMENT	EPA DATA STANDARD	MDR?
EPA CLASSIFICATION CODE	System generated Federal classification. This value is generated from the Air Program Pollutant values to reflect the highest emission level classification of criteria pollutants regulated by an air program. This value is generated from Federal values. Valid Values are: A=Major, SM=Synthetic Minor, B=Minor, C=Unknown.	ECL1	A	2.0			N
EPA CLASSIFICATION CODE DESC	System generated Federal classification. This description of the classification code is generated from the Air Program Pollutant values to reflect the highest emission level classification of criteria pollutants regulated by an air program. This value is generated from Federal values. Valid Values are: A=Major, SM=Synthetic Minor, B=Minor, C=Unknown.	ELD1	A	25.0			N
EPA COMPLIANCE STATUS	A system generated Federal bubble-up value of the most serious compliance status of air program pollutants at a plant. The most serious case (worst to best) is bubbled-up from the Federal value. Compliance values fall within 4 categories: In Compliance, Out of Compliance, On Schedule, and Unknown Compliance. Sources with unaddressed High Priority Violations should be listed as Out of Compliance. Title V Annual Compliance Certifications with deviations may or may not be listed as Out of Compliance. See Air Program pollutants for individual values. See the Data Dictionary for all valid values.	ECS1	A	1.0			N
EPA COMPLIANCE STATUS DESC	A system generated description of the Federal bubble-up value of the most serious compliance status of air program pollutants at a plant. The most serious case (worst to best) is bubbled-up from the Federal value. Compliance values fall within 4 categories: In Compliance, Out of Compliance, On Schedule, and Unknown Compliance. Sources with unaddressed High Priority Violations should be listed as Out of Compliance. Title V Annual Compliance Certifications with deviations may or may not be listed as Out of Compliance. See Air Program pollutants for individual values. See the Data Dictionary for all valid values.	EDS1	A	25.0			N
EPA PLANT IDENTIFICATION NUMBER	A 12-digit number assigned by the Federal Registry System, used by all EPA systems to identify a plant.	PEPA	A/N	12.0	Input by EPA staff only. Special User Profile code R is required. Batch changes are completed by the AFS National Contractors.	Facility	N
FACILITY CAPACITY	OBSOLETE	FCAP	N	7.0			OBSOLETE
FACILITY CAPACITY UNITS	OBSOLETE	FCPU	A	15.0			OBSOLETE

DATA ELEMENT NAME	DATA ELEMENT DEFINITION	ACROYNM	TYPE	WIDTH	COMMENT	EPA DATA STANDARD	MDR?
GOVERNMENTAL FACILITY CODE	**A mandatory field identifying facilities owned or operated by a governmental unit. Valid values are: 0=All other facilities not owned or operated by a Federal, state, or local government; 1=Source owned or operated by the Federal Government; 2=Source owned or operated by the State; 3=Source owned or operated by the County; 4=Source owned or operated by the Municipality; 5=Source owned or operated by the District.**	**GOVT**	**A**	**1.0**			**Y**
GOVT FACILITY CODE DESC	A system generated description of the Governmental Facility Code identifying facilities owned or operated by a governmental unit. Valid values are: 0=All other facilities not owned or operated by a Federal, state, or local government; 1=Source owned or operated by the Federal Government; 2=Source owned or operated by the State; 3=Source owned or operated by the County; 4=Source owned or operated by the Municipality; 5=Source owned or operated by the District.	GOVD	A	25.0			N
INSPECTOR	Optional code to identify a staff member who performed a plant inspection. This code must be a valid value on the Staff Table.	INSR	A	3.0	A valid staff code must be on record in the Staff Table. Access to the Staff Table is limited by special authority on the user profile form.		N
INSPECTOR NAME	System generated optional value, the name of the staff member who performed a plant inspection. This name is generated from a code value on the Staff Table.	INNM	A	15.0	A valid staff code must be on record in the Staff Table. Access to the Staff Table is limited by special authority on the user profile form. It is recommended that inspector names be entered with the last name first, followed by a comma and then first initial or first name, as space allows.		N
INSPECTOR TITLE	Optional code to identify the title of a staff member who performed a plant inspection. The staff code must be a valid value on the Staff Table.	INTT	A	15.0	A valid staff code must be on record in the Staff Table. Access to the Staff Table is limited by special authority on the user profile form. As the Staff Table is a Region-specific table, it is recommended that inspector titles start with the appropriate agency abbreviation for distinction.		N
LATITUDE COORDINATE	OBSOLETE	LAT1	N	6.0			OBSOLETE
LOCAL CONTROL REGION		LCON	A	2.0			
LONGITUDE COORDINATE	OBSOLETE	LON1	N	7.0			OBSOLETE
MACT CATEGORY	OBSOLETE	MACC	A	4.0			OBSOLETE
MACT CATEGORY DESC	OBSOLETE	MCCD	A	60.0			OBSOLETE
MACT IDENTIFIER	OBSOLETE	MACI	A	8.0			OBSOLETE
NAICS CODE	**A mandatory code identifying the value of the North American Industrial Classification System (NAICS). Either a NAICS or SIC code is mandatory.**	**NIC1**	**A**	**6.0**	**Either a SIC or NAICS code is mandatory in AFS to establish a plant.**		**Y**
NAICS CODE & EQUIVALENT SICs	System generated value for ad hoc reporting. Use of this acroynm will produce equivalent SIC codes in a retrieval.	NICS	A	6.0			N

DATA ELEMENT NAME	DATA ELEMENT DEFINITION	ACROYNM	TYPE	WIDTH	COMMENT	EPA DATA STANDARD	MDR?
NAICS CODE DESCRIPTION	System generated value of the North American Industrial Classification System. Either a NAICS or SIC code is mandatory.	NCD1	A	75.0	Either a SIC or NAICS code is mandatory in AFS to establish a plant.		N
NEDS PLANT ID	OBSOLETE	PNED	A	4.0	Most agencies use the PCDS number with one less digit for the NEDS ID.		OBSOLETE
NUMBER OF EMPLOYEES	OBSOLETE	NMEP	N	5.0			OBSOLETE
OPERATING STATUS	A one-digit mandatory code identifying the operation condition of a plant. This value is bubbled-up from the plant air program records of AFS and is the most significant operative value of the plant operating status. Valid values are: O=Operating, L=Landfill, R=NESHAP Renovation, D=NESHAP Demolition, S=NESHAP Spraying, I=Seasonal, T=Temporarily Closed, C=Under Construction, P=Planned Facility, X=Permanently Closed. The order of most significant to least (for bubble up purposes): O, L, R, D, S, I, T, C, P, X.	OPST	A	1.0	This field does not have state and Federal values. Operating Status O, T, and I are used in National RECAP Retrievals. Operating Statuses L, R, D, and S are considered obsolete. Sources Permanently closed for three years or more should be archived.		N
OPERATING STATUS DESCRIPTION	A system generated bubble-up value of the most significant operative value of the plant operating status. Reference the air program operating status.	OPSD	A	25.0	This field does not have state and Federal values.		N
PERSON UPDATING RECORD	A system generated value of the User ID last updating the record.	PU11	A	8.0			N
PLANT CITY	**The name of the city or town where the plant is located. If a City Code is entered for a plant, the city name will be generated for valid codes.**	**CYNM**	**A**	**30.0**	**Entry of either the City Code or City Name is mandatory. Reference the FIPS table in AFS Table File Lookup in the Utilities.**		**Y**
PLANT DESCRIPTION	An optional use field that allows the user to provide a short description of plant operations.	DSC1	A	25.0			N
PLANT NAME	**A mandatory field which is the name associated with a plant at a given location. The name should identify the owning corporation and site name, if applicable. For example, the Twin Oaks site of an Entergy plant would be named "Entergy Twin Oaks", not just "Twin Oaks", or "Entergy".**	**PNME**	**A**	**40.0**			**Y**
PLANT STREET ADDRESS	**The street address for the physical location of the plant.**	**STRT**	**A**	**30.0**	**PO Boxes are not allowed in this field.**		**Y**
PLANT UTM HORIZONTAL COORDINATE	OBSOLETE	UTH1	N	3.1			OBSOLETE
PLANT UTM VERTICAL COORDINATE	OBSOLETE	UTV1	N	4.1			OBSOLETE
PRIMARY INDUSTRIAL CLASS CODE	**A mandatory code identifying the primary Standard Industrial Code (SIC) classifying the main product produced or service performed at the plant. Reference the SIC table in the Utilities.**	**SIC1**	**A**	**4.0**	**Also see NAICS acroynms: NIC1, NICS, NCD1, SICN**		**Y**
PRIMARY SIC DESCRIPTION	System generated value of the primary SIC description.	SCD1	A	25.0			N
PRINCIPAL PRODUCT	OBSOLETE	PRPR	A	25.0			OBSOLETE
PRIORITY CODE	An optional field. A 1-digit code which is used to identify facilities falling into various compliance monitoring priority categories. See the Data Dictionary for valid values.	PRIC	A	1.0	Update access to this field is limited to National EPA personnel. This field is not currently up to date.		N
PRIORITY CODE DESCRIPTION	A system generated field describing the priority code. See the Data Dictionary for valid values.	PRCD	A	25.0	Update access to PRIC is limited to National EPA personnel. This field is not currently up to date.		N
PROPERTY AREA	OBSOLETE	PRAR	N	5.1			OBSOLETE

DATA ELEMENT NAME	DATA ELEMENT DEFINITION	ACROYNM	TYPE	WIDTH	COMMENT	EPA DATA STANDARD	MDR?
REGION CODE	A system generated value identifying the EPA region in which the plant is located. The code is generated from the State codes on the AFS FIPS table.	REGN	A	2.0			N
REGIONAL PLANNING AGENCY	An optional field. User-defined code identifying any Regional Planning Agency maintaining jurisdiction over the plant.	RPLA	A	2.0			N
SAROAD STATE CODE	OBSOLETE	SSTT	A	2.0			OBSOLETE
SECONDARY INDUSTRIAL CLASS CODE	An optional code identifying the secondary Standard Industrial Code (SIC) classifying the second most prominent product produced or service performed at the plant.	SIC2	A	4.0	Also see NAICS acroynms: NIC1, NICS, NCD1, SICN		N
SECONDARY SIC DESCRIPTION	System generated value of the secondary SIC description.	SCD2	A	25.0			N
SECTION 112 INDICATOR	OBSOLETE	S112	A	1.0 50			OBSOLETE
SECTION 112 INDICATOR DESC	OBSOLETE	S12D	A	60.0			OBSOLETE
SIC CODE & EQUIVALENT NAICs	A system generated value for ad hoc retrieval use. Use of this acronym in a retrieval specifies an SIC code and will retrieve all equivalent NAICS codes.	SICN	A	4.0	For ad hoc use.		N
SIGNIFICANT VIOLATOR FLAG 1	OBSOLETE	SVI1	A	1.0			OBSOLETE
SIGNIFICANT VIOLATOR FLAG 2	OBSOLETE	SVI2	A	1.0			OBSOLETE
SIGNIFICANT VIOLATOR FLAG 3	OBSOLETE	SVI3	A	1.0			OBSOLETE
SIGNIFICANT VIOLATOR FLAG 4	OBSOLETE	SVI4	A	1.0			OBSOLETE
SIP PROGRAM	OBSOLETE	SIPP	A	5.0			OBSOLETE
SOURCE MONITORING INFORMATION	OBSOLETE	SMON	A	1.0			OBSOLETE
STATE ABBREV	A two-digit alpha postal abbreviation identifying the state in which a plant is located. For valid values, see the Data Dictionary.	STAB	A	2.0			N
STATE CLASSIFICATION CODE	System generated default classification. This value is genera	SCL1	A	2.0			N
STATE CLASSIFICATION CODE DESC	System generated default classification. This description of the classification code generated from the Air Program Pollutant values to reflect the highest emission level classification of criteria pollutants regulated by an air program. This value is generated from State/Local agency values. Valid Values are: A=Major, SM=Synthetic Minor, B=Minor, C=Unknown.	SLD1	A	25.0			N
STATE CODE	**Mandatory code used to identify the state in which a plant is located.**	**STTE**	**A**	**2.0**			**Y**
STATE COMPLIANCE STATUS	A system generated State bubble-up value of the most serious compliance status of air program pollutants at a plant. The most serious case (worst to best) is bubbled-up from the State value. Compliance values fall within 4 categories: In Compliance, Out of Compliance, On Schedule, and Unknown Compliance. Sources with unaddressed High Priority Violations should be listed as Out of Compliance. Title V Annual Compliance Certifications with deviations may or may not be listed as Out of Compliance. See Air Program pollutants for individual values. See the Data Dictionary for all valid values.	SCS1	A	1.0			N

DATA ELEMENT NAME	DATA ELEMENT DEFINITION	ACROYNM	TYPE	WIDTH	COMMENT	EPA DATA STANDARD	MDR?
STATE COMPLIANCE STATUS DESC	A system generated description of the State bubble-up value of the most serious compliance status of air program pollutants at a plant. The most serious case (worst to best) is bubbled-up from the State value. Compliance values fall within 4 categories: In Compliance, Out of Compliance, On Schedule, and Unknown Compliance. Sources with unaddressed High Priority Violations should be listed as Out of Compliance. Title V Annual Compliance Certifications with deviations may or may not be listed as Out of Compliance. See Air Program pollutants for individual values. See the Data Dictionary for all valid values.	SDS1	A	25.0			N
STATE COUNTY EMISSIONS SOURCE	OBSOLETE	SCSE	A	9.0			OBSOLETE
STATE EMISSIONS DATA ELEMENT 1	OBSOLETE	SD01	A	3.0			OBSOLETE
STATE EMISSIONS DATA ELEMENT 9	OBSOLETE	SD09	A	30.0			OBSOLETE
STATE NAME	System generated field which identifies the state which a plant is located within.	STNM	A	20.0	Spells out a state name.		N
STATE PRIVATE INDICATOR	An optional field available only to authorized state users indicating whether informaiton contained on a record is not federally reportable and designated state private. Valid values are Y=Yes, N=No. Y on SP11 indicates that the entire plant is State Private.	SP11	A	1.0	Update access limited to authorized state users.		N
STATE REGISTRATION NUMBER	Optional value, a state assigned identifier used to identify a plant. Usually a value from a state system.	STRS	A	15.0	Although optional, it is recommended that this value be populated in AFS if there is a corresponding state/local value.		N
STATE-COUNTY-SOURCE ID	Optional use field in retrievals. A 10-digit character field identifying a facility through the concatenation of the FIPS State, FIPS County, and PCDS source ID number.	SCSC	A	10.0	Commonly known as the AFS ID number, not to be confused with the AFS Permit ID number, PAFS. Key number for Envirofacts sources.		N
STATUS AREA	OBSOLETE	STAT	A	5.0			OBSOLETE
SUB CATEGORY	OBSOLETE	MACS	A	4.0			OBSOLETE
SUB CATEGORY DESC	OBSOLETE	MCSD	A	60.0			OBSOLETE
TELEPHONE AREA CODE COMPLIANCE	Optional use field. Telephone area code of a compliance program contact.	TLAC	A	3.0			N
TELEPHONE AREA CODE EMISSIONS	OBSOLETE	TLAE	A	3.0			OBSOLETE
TELEPHONE NUMBER COMPLIANCE	Optional use field. Telephone number of a compliance program contact.	TLNC	A	7.0			N
TELEPHONE NUMBER EMISSIONS	OBSOLETE	TLNE	A	7.0			OBSOLETE
TERTIARY INDUSTRIAL CLASS CODE	An optional code identifying the tertiary Standard Industrial Code (SIC) classifying the third most prominent product produced or service performed at the plant.	SIC3	A	4.0	Also see NAICS acroynms: NIC1, NICS, NCD1, SICN		N
TERTIARY SIC DESCRIPTION	Sysem generated value of the tertiary SIC description.	SCD3	A	25.0			N
USER PLANT ID	OBSOLETE	UDPL	A	12.0			OBSOLETE
UTM ZONE	OBSOLETE	UTZ1	N	2.0			OBSOLETE
YEAR OF EMISSIONS INVENTORY	OBSOLETE	YINV	A	2.0			OBSOLETE
ZIP CODE	**Mandatory field, the zip code for the plant address.**	**ZIPC**	**A**	**9.0**	**Reported in conjunction with the Plant Street Address and City.**		**Y**

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Appendix 3a

AFS Regional Action Types

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SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 01

FULL COMPLIANCE EVALUATIONS (FCE)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AA-N	AA-R		FEDERAL AIR TOXICS ONSITE FCE	
AB-N	AK-R		FEDERAL AIR TOXICS OFFSITE FCE	
FE-N	FE-R		EPA CONDUCTED FCE/ON-SITE	
FZ-N	FZ-R		EPA CONDUCTED FCE/OFF-SITE	
FF-N		FF-R	STATE CONDUCTED FCE/OFF-SITE	
FS-N		FS-R	STATE CONDUCTED FCE/ON-SITE	

INVESTIGATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AE-N *	AE-R		FEDERAL AIR TOXICS INVESTIGATION INITIATED	
AF-N	AQ-R		FEDERAL AIR TOXICS INVESTIGATION COMPLETED	
EC-N	EC-R		EPA INVESTIGATION CONDUCTED	
EI-N *	EI-R		EPA INVESTIGATION STARTED	
SC-N		SC-R	STATE INVESTIGATION CONDUCTED	
SI-N *		SI-R	STATE INVESTIGATION STARTED	

PARTIAL COMPLIANCE EVALUATIONS (PCE)-(Note: reporting State PCE's are currently an option.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AC-N	AM-R		FEDERAL AIR TOXICS ONSITE PCE	
AD-N	AR-R		FEDERAL AIR TOXICS OFFSITE PCE	
ES-N	EP-R		EPA ON-SITE INSP. PIECE OF AN FCE	
ES-N	ES-R		EPA CONDUCTED PCE/ON-SITE	
ES-N	J5-R		VISIBLE EMISSIONS EVALUATION (RM9) BY EPA	
ES-N	M6-R		EPA CMS QA OBSERVATION (60.13)	
ES-N	M8-R		EPA CMS AUDIT CONDUCTED	
ES-N	R7-R		EPA COMPLAINT INSPECTION	
EX-N	EX-R		EPA CONDUCTED PEC/OFF-SITE	
EX-N	X9-R		CAA SECTION 114 LETTER RESPONSE REVIEWED BY EPA	
EX-N	XM-R		MACT (PART 63) REPORT REVIEWED BY EPA	
EX-N	XN-R		NSPS (PART 60) REPORT REVIEWED BY EPA	
EX-N	XO-R		OTHER (NON-NSPS, NON-MACT) REPORT REVIEWED BY EPA	
PS-N		14-R	STATE PARTIAL INSPECTION	
PS-N		15-R	STATE VISIT FOR PERMITTING	
PS-N		17-R	STATE COMPLAINT INSPECTION	
PS-N		36-R	SAMPLE TAKEN	
PS-N		A9-R	SOURCE REGISTRATION VERIFIED BY INSPECTION	
PS-N		J7-R	VISIBLE EMISSION EVALUATION (RM9) BY STATE	
PS-N		M2-R	STATE CMS AUDIT CONDUCTED	
PS-N		M5-R	STATE CMS QA OBSEERVATION (60.13)	
PS-N		PS-R	STATE PCE/ON-SITE	
PS-N		SP-R	STATE ON-SITE INSP. PIECE OF AN FCE	
PS-N		U9-R	STATE MULTIMEDIA INSPECTION - LEVEL 2 OR GREATER	
PX-N		39-R	REPORT TO STATE	
PX-N		A8-R	SOURCE REGISTRATION RECEIVED	
PX-N		E4-R	EMISSION TEST RESULTS REVIEWED BY STATE	
PX-N		PX-R	STATE CONDUCTED PCE/OFF-SITE	

STACK TESTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
SS-N	SS-R		EPA NON-MDR STACK TEST	Results code:Pass(PP) or Fail(FF).Action PLLT.
TE-N	TE-R		EPA REQ (O/O COND) STACK TEST/NOT OBSVD BUT REVWD	Results code:Pass(PP) or Fail(FF).Action PLLT.
TO-N	M7-R		PERFORMANCE TEST EPA REQUIRED	Results code:Pass(PP) or Fail(FF).Action PLLT.
TT-N	TT-R		EPA RECEIPT OF STACK TEST REPORT	
3A-N		E2-R	EMISSION TEST STATE REQUIRED	Results Code:Pass(PP) or Fail(FF).
ST-N		SU-R	AGENCY NON-MDR STACK TEST	Results code:Pass(PP) or Fail(FF).Action PLLT.
TR-N		TR-R	STATE REQ (O/O COND) STACK TEST/NOT OBSVD BUT REVD	Results code:Pass(PP) or Fail(FF).
TS-N		TS-R	STATE RECEIPT OF STACK TEST REPORT	

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 01

NOTICE OF VIOLATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6A-N	BA-R		EPA NOTICE OF VIOLATION	
7C-N		28-R	STATMENT OF DEFICIENT PRACTICES	
7C-N		AB-R	STTE NOTICE OF VIOLATION	
7C-N		AN-R	STATE NOTICE OF NON-COMPLIANCE	
7C-N		L1-R	NOV ISSUED BY STATE	

FEDERAL ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6B-N	RA-R		EPA CONSENT DECREE	PAM1
7F-N	Y9-R		EPA ADMINISTRATIVE PENALTY ORDER 113(D)	PAM1
8A-N	Y1-R		EPA 113A SIP VIOLATION ORDER ISSUED	PAM1
8A-N	Y2-R		EPA 113A NON-SIP VIOLATION ORDER ISSUED	PAM1
AG-N	AO-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	AP-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
C2-N	SA-R		EPA CONSENT AGREEMENT FINAL ORDER	PAM1

STATE ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: Orders include Penalty Notices,Compliance Notices,Agreed Orders,Compliance Administrative Orders, Consent Orders or Final Orders				
2D-N		X2-R	STATE COURT DECREE ISSUED	PAM1(Total Assessed)
8C-N		56-R	STATE CONSENT AGREEMENT ISSUED	PAM1(Total Assessed)
8C-N		X1-R	STATE ORDER ISSUED	PAM1(Total Assessed)
8C-N		Z7-R	STATE ADMIN FINE BY CONSENT AGREEMENT SIGNED	PAM1(Total Assessed)
8C-N		Z8-R	STTE NOTICE PROP FINE&HEARING, PAID W/O SIGNED AFC	PAM1(Total Assessed)

CIVIL AND CRIMINAL REFERRALS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
4B-N *	99-R		CIVIL ACTION REFERRED TO EPA HEADQUARTERS	PAM1
4B-N *	DA-R		EPA CIVIL ACTION (REFERRAL)	PAM1
AI-N *	AI-R		FEDERAL AIR TOXICS REFERRAL TO DOJ	PAM1
AJ-N	AJ-R		NONAPPLICABILITY OF AIR TOXIC REQUIREMENTS	PAM1
1E-N *		G1-R	REFER TO STATE ATTORNEY GENERAL	PAM1
3D-N *		Z4-R	STATE CIVIL PENALTY	PAM1
9C-N		L2-R	CIVIL ACTION BY STATE	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - DAY ZERO AND LEAD CHANGES

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: HPV cases contain a Day Zero action, Date Addressed, formal or informal action and Date Resolved. Any action can be linked.Comment on Day Zero documents type of Violation				
2B-N	2B-R	2B-R	DAY ZERO - SHARED ENFORCEMENT LEAD	PLC1, Lead Agency
2U-N	2U-R	2U-R	DAY ZERO - ENFORCEMENT LEAD IS UNASSIGNED	PLC1, Lead Agency
2Z-N	J1-R		FEDERAL DAY ZERO	PLC1, Lead Agency
DB-N	DB-R		LEAD CHANGED TO SHARED ENFORCEMENT	
DS-N	DS-R		LEAD CHANGED TO STATE ENFORCEMENT	
DY-N	V3-R		LEAD CHANGED TO FEDERAL ENFORCEMENT	
2E-N		W1-R	STATE DAY ZERO	PLC1, Lead Agency

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 01

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - ADDRESSING ACTIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
OT-N	OT-R	OT-R	OTHER ADDRESSING ACTION	PAM1(Total Assessed)
2M-N	V7-R		PROP SIP OR FIP REVISION WILL LEAD TO COMPLIANCE	
6B-N	RA-R		EPA CONSENT DECREE	PAM1
7F-N	Y9-R		EPA ADMINISTRATIVE PENALTY ORDER 113(D)	PAM1
8A-N	Y1-R		EPA 113A SIP VIOLATION ORDER ISSUED	PAM1
8A-N	Y2-R		EPA 113A NON-SIP VIOLATION ORDER ISSUED	PAM1
AG-N	AO-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
2D-N		X2-R	STATE COURT DECREE ISSUED	PAM1(Total Assessed)
8C-N		56-R	STATE CONSENT AGREEMENT ISSUED	PAM1(Total Assessed)
8C-N		X1-R	STATE ORDER ISSUED	PAM1(Total Assessed)
8C-N		Z7-R	STATE ADMIN FINE BY CONSENT AGREEMENT SIGNED	PAM1(Total Assessed)
8C-N		Z8-R	STTE NOTICE PROP FINE&HEARING, PAID W/O SIGNED AFC	PAM1(Total Assessed)
9C-N		L2-R	CIVIL ACTION BY STATE	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - HPV RESOLVED

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
C7-N	DC-R	DC-R	CLOSEOUT MEMO ISSUED	
VR-N	VA-R	VA-R	VIOLATION RESOLVEDD	
7G-N	V6-R		SOUR RET TO COMPL BY US EPA W/ NO FURTHER ACT REQ	
AH-N	AP-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
2K-N		V5-R	SOUR RET TO COMPL BY STATE W/ NO FURTHER ACT REQ	
C7-N		DC-R	CLOSEOUT MEMO ISSUED	

TITLE V SELF CERTIFICATIONS AND COMPLIANCE STATUS(Note: contains new CMS requirements.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
CC-N	CC-R	CC-R	TITLE V ANNUAL COMPL CERT DUE/RECEIVED BY EPA	DTS1=Due Date. DTA1=Received Date.
ER-N	ER-R		COMPLIANCE CERTIFICATION EPA REVIEW	Results Code:MV-in Violation,MC-in Compliance,MU-Unknown. RDE8=Deviation,Y-Yes or N-No.
CB-N	CB-R		TITLE V COMPLIANCE CERT. DUE/RCVD BY STATE/LOCAL	DTS1=Due Date. DTA1=Received Date.
SR-N		SR-R	COMPLIANCE CERTIFICATION STATE REVIEW	Results Code:MV-in violation, MC-in Compliance, MU-Unknown

NON-APPLICABILITY DETERMINATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
NA-N	NM-R		EPA MACT FCE/PCE NON-APPLICABILITY DETERMINATION	
NN-N	NN-R		EPA NSR/PSD NON-APPLICABLE DETERMINE-INVESTIGATION	

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 01

Title V Permit Program Data Elements and Events

AFS Acronym	Region Use	State Use	Description-Data	Additional
			Permitting Authority Name	FIPS Tables
PAFS			AFS Plant ID Number	
PAPN			Permit Number	
APC1			Permit Air Program Code	V
PLAP			Permit Pollutant Code	Facil
SCA1			Permit Program Compliance	Current
		DP	Draft Permit	Permit Number
		DQ	Draft Permit Modification	
		PP	Date Permit Recd By EPA	
		PM	Date Permit Mod Recd by EPA	
		PE	EPA 45-Day Review Period	System Generated
		IF	Date Permit Issued	
		IM	Date Permit Modification Issued	
		IR	Permit Renewal	
	PO		Date EPA Objects to Permit	
	PL		Date EPA Objects to Permit Mod	
	PG		Date EPA Denies Revised Permit	
	PH		Date EPA Denies Revised Mod	
	PT		Date Public Petitions EPA	
	PD		Date Public Petitions EPA - Mod	
	PQ		Date EPA Action - Public Petition	

Note: please reference http://www.epa.gov/compliance/resources/publications/data/systems/air/pmtpolcy.pdf for more information on the reporting of Title V data.

Data Elements for Subparts

AFS Acronym	Region	State Use	Description-Data Elements	Additional
SPT1 APC1=9	X	X (Optional)	40 CFR Part 60 (NSPS) Subparts- Air Program Code 9	Plant Lvl
SPT1 APC1=8	X	X (Optional)	40 CFR Part 61 (NonMACT NESHAP) Subparts-Air Program Code 8	Plant Lvl
SPT1 APC1=M	X	X (Optional)	40 CFR Part 63 (MACT NESHAP) Subparts-Air Program Code M	Plant Lvl
SPT1 APC1=0	X	X (Optional)	40 CFR Part 60 - Air Program Code 0	Plant Lvl
SPT1 APC1=1	X	X (Optional)	40 CFR Part 60 - Air Program Code 1	Plant Lvl

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 02

FULL COMPLIANCE EVALUATIONS (FCE)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AA-N	AA-R		FEDERAL AIR TOXICS ONSITE FCE	
AB-N	AB-R		FEDERAL AIR TOXICS OFFSITE FCE	
FE-N	FE-R		EPA CONDUCTED FCE/ON-SITE	
FZ-N	F1-R		EPA CONDUCTED FCE/OFF-SITE	
FF-N		FF-R	STATE CONDUCTED FCE/OFF-SITE	
FS-N		FS-R	STATE CONDUCTED FCE/ON-SITE	

INVESTIGATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AE-N *	AL-R		FEDERAL AIR TOXICS INVESTIGATION INITIATED	
AF-N	AF-R		FEDERAL AIR TOXICS INVESTIGATION COMPLETED	
EC-N	CE-R		EPA INVESTIGATION CONDUCTED	
EI-N *	IE-R		EPA INVESTIGATION STARTED	
SC-N		CS-R	STATE INVESTIGATION CONDUCTED	
SI-N *		SI-R	STATE INVESTIGATION STARTED	

PARTIAL COMPLIANCE EVALUATIONS (PCE)-(Note: reporting State PCE's are currently an option.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AC-N	AK-R		FEDERAL AIR TOXICS ONSITE PCE	
AD-N	AD-R		FEDERAL AIR TOXICS OFFSITE PCE	
EE-N	EE-R		COMPLAINT ON-SITE PCE (EPA)	
EM-N	EM-R		PROCESS OFF-SITE PCE (EPA)	
EO-N	EO-R		ON-SITE PCE OBSERVATION (EPA)	
EP-N	EP-R		PERMIT ON-SITE PCE (EPA)	
ES-N	50-R		EPA SOURCE INSPECTION - LEVEL 2 OR GREATER	
ES-N	53-R		EPA SOURCE TEST	
ES-N	58-R		EPA PRIMACY INSPECTION - LEVEL 2 OR GREATER	
ES-N	ES-R		EPA PCE/ON-SITE	
ES-N	L4-R		EPA CASE DEVELOPMENT INSPECTION - LEVEL 2 OR GRTR	
ES-N	MM-R		MULTIMEDIA INSPECTION (EPA) - LEVEL 2 OR GREATER	
EX-N	E2-R		EER REVIEWED BY EPA	
EX-N	EX-R		EPA PCE/OFF-SITE	
PC-N		PC-R	COMPLAINT ON-SITE PCE (STATE)	
PO-N		PO-R	ON-SITE PCE OBSERVATION (STATE)	
PP-N		PP-R	PERMIT ON-SITE PCE (STATE)	
PR-N		PR-R	PROCESS OFF-SITE PCE (STATE)	
PS-N		IC-R	COMPLAINT INSPECTION BY STATE	
PS-N		PS-R	STATE PCE/ON-SITE	
PS-N		S8-R	INSPECTION BY STATE - LEVEL 2 OR GREATER	
PS-N		S9-R	STATE SOURCE TEST	
PS-N		SS-R	SAMPLE COLLECTED BY STATE	
PX-N		PX-R	STATE CONDUCTED PCE/OFFSITE	
PX-N		TP-R	PERIODIC REPORT	

STACK TESTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2A-N	2A-R		EPA CONDUCTED STACK TEST	Results Code:Pass(PP) or Fail(FF).Action PLLT.
SS-N	SN-R		EPA NON-MDR STACK TEST	Results code:Pass(PP) or Fail(FF).Action PLLT.
TE-N	TE-R		EPA REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD	Results code:Pass(PP) or Fail(FF).Action PLLT.
TO-N	TO-R		EPA REQ (O/O COND) STACK TEST/OBSERVED & REVIEWED	Results code:Pass(PP) or Fail(FF).Action PLLT.
TT-N	TT-R		EPA RECEIPT OF STACK TEST REPORT	
3A-N		3A-R	STATE REQ (O/O COND) STACK TEST/OBSV & REVIEWED	Results Code:Pass(PP) or Fail(FF).
6C-N		6S-R	STATE CONDUCTED STACK TEST	Results Code:Pass(PP) or Fail(FF).
ST-N		ST-R	AGENCY NON-MDR STACK TEST	Results Code:Pass(PP) or Fail(FF).
TR-N		TR-R	STATE REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD	Results code:Pass(PP) or Fail(FF).
TS-N		SV-R	STATE RECEIPT OF STACK TEST REPORT	

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING:REGION 02

NOTICE OF VIOLATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6A-N	55-R		EPA NOTICE OF VIOLATION	
6A-N	6A-R		EPA NOV ISSUED	
7A-N	7A-R		EPA NOTICE OF NONCOMPLIANCE (SECTION120) ISSUED	
7C-N		L1-R	NOV ISSUED BY STATE	

FEDERAL ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6B-N	6B-R		EPA CONSENT DECREE	PAM1
6B-N	X3-R		FEDERAL COURT DECREE ISSUED	PAM1
7E-N	7E-R		EPA SECTION 167 ORDER ISSUED	PAM1
7E-N	P1-R		167 STOP CONSTRUCTION ORDER	PAM1
7F-N	7F-R		113D APO COMPLAINT FILED	PAM1
8A-N	56-R		EPA ABATEMENT ORDER ISSUED	PAM1
8A-N	8A-R		113A ORDER ISSUED	PAM1
8A-N	Y1-R		EPA 113A SIP VIOLATION ORDER ISSUED	PAM1
8A-N	Y2-R		EPA 113A NON-SIP VIOLATION ORDER ISSUED	PAM1
AG-N	AM-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	AH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
C2-N	C2-R		113(D) APO RECALCULATED	PAM1
C3-N	C3-R		113(D) ADMINISTRATIVE PENALTY COLLECTED	PAM1

STATE ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: Orders include Penalty Notices,Compliance Notices,Agreed Orders,Compliance Administrative Orders, Consent Orders or Final Orders				
2D-N		2D-R	STATE CONSENT DECREE	PAM1(Total Assessed)
2D-N		X2-R	STATE COURT DECREE ISSUED	PAM1(Total Assessed)
8C-N		4L-R	NOTICE OF HEARING SENT TO SOURCE OWNER	PAM1(Total Assessed)
8C-N		8C-R	STATE ADMINISTRATIVE ORDER	PAM1(Total Assessed)
8C-N		X1-R	STATE ORDER ISSUED	PAM1(Total Assessed)

CIVIL AND CRIMINAL REFERRALS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
4B-N *	4B-R		EPA CIVIL ACTION (REFERRAL)	PAM1
4B-N *	57-R		EPA CIVIL ACTION (REFERRAL)	PAM1
4B-N *	64-R		REFERRED TO DEPARTMENT OF JUSTICE BY EPA	PAM1
5B-N *	5B-R		EPA CRIMINAL ACTION	PAM1
5B-N *	L7-R		EPA CRIMINAL ACTION	PAM1
7B-N *	Z6-R		FEDERAL CIVIL PENALTY	PAM1
AI-N *	AI-R		FEDERAL AIR TOXICS REFERRAL TO DOJ	PAM1
AJ-N	AJ-R		NONAPPLICABILITY OF AIR TOXIC REQUIREMENTS	PAM1
1D-N *		1D-R	CRIMINAL REFERRAL	
1D-N *		L3-R	STATE CRIMINAL ACTION	
1E-N *		1E-R	CIVIL REFERRAL TO STATE AG	PAM1
1E-N *		S6-R	REFER TO STATE ATTORNEY GENERAL	PAM1
3D-N *		Z4-R	STATE CIVIL PENALTY	PAM1
9C-N		9C-R	STATE CIVIL ACTION	PAM1
9C-N		AG-R	REFER TO NEW YORK STATE ATTORNEY GENERAL	PAM1
9C-N		L2-R	CIVIL ACTION BY STATE	PAM1

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 02

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - DAY ZERO AND LEAD CHANGES

Note: HPV cases contain a Day Zero action, Date Addressed, formal or informal action and Date Resolved. Any action can be linked.Comment on Day Zero documents type of Violation

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2B-N	2B-R	2B-R	DAY ZERO - SHARED ENFORCEMENT LEAD	PLC1, Lead Agency
2U-N	2U-R	2U-R	DAY ZERO - ENFORCEMENT LEAD IS UNASSIGNED	PLC1, Lead Agency
2Z-N	FZ-R		FEDERAL DAY ZERO	PLC1, Lead Agency
DB-N	DB-R		LEAD CHANGED TO SHARED ENFORCEMENT	
DS-N	DS-R		LEAD CHANGED TO STATE ENFORCEMENT	
DY-N	DY-R		LEAD CHANGED TO FEDERAL ENFORCEMENT	
2E-N		SZ-R	STATE DAY ZERO	PLC1, Lead Agency

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - ADDRESSING ACTIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2M-N	2M-R	2M-R	PROP SIP/FIP REVISION WILL LEAD TO COMPLIANCE	
OT-N	OT-R	OT-R	OTHER ADDRESSING ACTION	PAM1(Total Assessed)
6B-N	6B-R		EPA CONSENT DECREE	PAM1
6B-N	X3-R		FEDERAL COURT DECREE ISSUED	PAM1
7A-N	7A-R		EPA NOTICE OF NONCOMPLIANCE (SECTION120) ISSUED	
7A-N	Z2-R		NOTICE OF NON-COMPLIANCE	
7E-N	7E-R		EPA SECTION 167 ORDER ISSUED	
7E-N	P1-R		167 STOP CONSTRUCTION ORDER	
7F-N	7F-R		113D APO COMPLAINT FILED	PAM1
8A-N	56-R		EPA ABATEMENT ORDER ISSUED	PAM1
8A-N	8A-R		113A ORDER ISSUED	PAM1
8A-N	Y1-R		EPA 113A SIP VIOLATION ORDER ISSUED	PAM1
8A-N	Y2-R		EPA 113A NON-SIP VIOLATION ORDER ISSUED	PAM1
AG-N	AM-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	AH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
2D-N		2D-R	STATE CONSENT DECREE	PAM1(Total Assessed)
2D-N		X2-R	STATE COURT DECREE ISSUED	PAM1(Total Assessed)
8C-N		4L-R	NOTICE OF HEARING SENT TO SOURCE OWNER	PAM1(Total Assessed)
8C-N		8C-R	STATE ADMINISTRATIVE ORDER	PAM1(Total Assessed)
8C-N		X1-R	STATE ORDER ISSUED	PAM1(Total Assessed)
9C-N		9C-R	STATE CIVIL ACTION	PAM1
9C-N		AG-R	REFER TO NEW YORK STATE ATTORNEY GENERAL	PAM1
9C-N		L2-R	CIVIL ACTION BY STATE	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - HPV RESOLVED

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
C7-N	C7-R	C7-R	CLOSEOUT MEMO ISSUED	
VR-N	VR-R	VR-R	VIOLATION RESOLVED	
WD-N	WD-R	WD-R	WITHDRAWN	
7G-N	7G-R		SOUR RET TO COMPL BY US EPA W/NO FURTHER ACT REQ	
C3-N	C3-R		113(D) ADMINISTRATIVE PENALTY COLLECTED	
2K-N		2K-R	SOUR RET TO COMPL BY STTE W/NO FURTHER ACT REQ	

TITLE V SELF CERTIFICATIONS AND COMPLIANCE STATUS(Note: contains new CMS requirements.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
CC-N	CC-R	CC-R	TITLE V COMPLIANCE CERT. DUE/RECEIVED BY EPA	DTS1=Due Date. DTA1=Received Date.
ER-N	ER-R		TITLE V COMPLIANCE CERTIFICATION REVIEW BY EPA	Results Code:MV-in Violation,MC-in Compliance,MU-Unknown. RDE8=Deviation, Y-Yes or N-No.
CB-N	CB-R		TV ANNUAL COMPL. CERT DUE/RECV BY PERM. AUTHORITY	DTS1=Due Date. DTA1=Received Date.
SR-N		SR-R	COMPLIANCE CERTIFICATION REVIEW	Results Code:MV-in violation, MC-in Compliance, MU-Unknown

NON-APPLICABILITY DETERMINATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
NA-N	NA-R		EPA MACT FCE/PCE NON-APPLICABILITY DETERMINATION	
NM-N	NM-R		EPA MACT NON-APPLICABLE DETERM FOR INVESTIGATIONS	
NN-N		NN-R	EPA NSR/PSD NON-APPLICABLE DETERMINE-INVESTIGATION	

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 02

Title V Permit Program Data Elements and Events

AFS Acronym	Region Use	State Use	Description-Data	Additional
			Permitting Authority Name	FIPS Tables
PAFS			AFS Plant ID Number	
PAPN			Permit Number	
APC1			Permit Air Program Code	V
PLAP			Permit Pollutant Code	Facil
SCA1			Permit Program Compliance	Current
		DP	Draft Permit	Permit Number
		DQ	Draft Permit Modification	
		PP	Date Permit Recd By EPA	
		PM	Date Permit Mod Recd by EPA	
		PE	EPA 45-Day Review Period	System Generated
		IF	Date Permit Issued	
		IM	Date Permit Modification Issued	
		IR	Permit Renewal	
	PO		Date EPA Objects to Permit	
	PL		Date EPA Objects to Permit Mod	
	PG		Date EPA Denies Revised Permit	
	PH		Date EPA Denies Revised Mod	
	PT		Date Public Petitions EPA	
	PD		Date Public Petitions EPA - Mod	
	PQ		Date EPA Action - Public Petition	

Note: please reference http://www.epa.gov/compliance/resources/publications/data/systems/air/pmtpolcy.pdf for more information on the reporting of Title V data.

Data Elements for Subparts

AFS Acronym	Region	State Use	Description-Data Elements	Additional
SPT1 APC1=9	X	X (Optional)	40 CFR Part 60 (NSPS) Subparts- Air Program Code 9	Plant Lvl
SPT1 APC1=8	X	X (Optional)	40 CFR Part 61 (NonMACT NESHAP) Subparts-Air Program Code 8	Plant Lvl
SPT1 APC1=M	X	X (Optional)	40 CFR Part 63 (MACT NESHAP) Subparts-Air Program Code M	Plant Lvl
SPT1 APC1=0	X	X (Optional)	40 CFR Part 60 - Air Program Code 0	Plant Lvl
SPT1 APC1=1	X	X (Optional)	40 CFR Part 60 - Air Program Code 1	Plant Lvl

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 03

FULL COMPLIANCE EVALUATIONS (FCE)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AA-N	AA-R		FEDERAL AIR TOXICS ONSITE FCE	
AB-N	AB-R		FEDERAL AIR TOXICS OFFSITE FCE	
FE-N	10-R		EPA CONDUCTED FCE/ON-SITE	
FE-N	FE-R		EPA CONDUCTED FCE/ON-SITE	
FZ-N	11-R		EPA CONDUCTED FCE/OFF-SITE	
FZ-N	FZ-R		EPA CONDUCTED FCE/OFF-SITE	
FF-N		FF-R	STATE CONDUCTED FCE/ OFF-SITE	
FS-N		08-R	STATE CONDUCTED FCE/ON-SITE	
FS-N		81-R	STATE INSPECTION STAGE 1 VAPOR RECOVERY	
FS-N		82-R	STATE INSPECTION STAGE 2 VAPOR RECOVERY	
FS-N		FS-R	STATE CONDUCTED FCE/ON-SITE	
FS-N		PO-R	P/O INSPECTION	
FS-N		SI-R	STATE MULTIMEDIA INSPECTION	

INVESTIGATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AE-N *	AE-R		FEDERAL AIR TOXICS INVESTIGATION INITIATED	
AF-N	AF-R		FEDERAL AIR TOXICS INVESTIGATION COMPLETED	
EC-N	3R-R		EPA INVESTIGATION COMPLETED	
EI-N *	RI-R		REGION III INVESTIGATION	
SC-N		IC-R	STATE INVESTIGATION COMPLETED	
SI-N *		IS-R	STATE INVESTIGATION STARTED	

PARTIAL COMPLIANCE EVALUATIONS (PCE)-(Note: reporting State PCE's are currently an option.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AC-N	A1-R		FEDERAL AIR TOXICS ONSITE PCE	
AD-N	A2-R		FEDERAL AIR TOXICS OFFSITE PCE	
EE-N	EE-R		COMPLAINT ON-SITE PCE (EPA)	
EM-N	EM-R		PROCESS OFF-SITE PCE (EPA)	
EO-N	EO-R		ON-SITE PCE OBSERVATION (EPA)	
EP-N	EN-R		PERMIT ON-SITE PCE (EPA)	
ES-N	ES-R		EPA CONDUCTED PCE/ ON-SITE	
EX-N	EP-R		EPA CONDUCTED PCE/ OFF-SITE	
PC-N		PD-R	COMPLAINT ON-SITE PCE (STATE)	
PO-N		PT-R	ON-SITE PCE OBSERVATION (STATE)	
PP-N		PP-R	PERMIT ON-SITE PCE (STATE)	
PR-N		PQ-R	PROCESS OFF-SITE PCE (STATE)	
PS-N		PS-R	STATE CONDUCTED PCE/ ON-SITE	
PX-N		74-R	EXCESS EMISSION REPORT REVIEWED	
PX-N		PX-R	STATE CONDUCTED PCE/ OFF-SITE	

STACK TESTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2A-N	12-R		EPA STACK TEST	Results Code:Pass(PP) or Fail(FF).Action PLLT.
SS-N	SS-R		EPA NON-MDR STACK TEST	Results code:Pass(PP) or Fail(FF).Action PLLT.
TE-N	14-R		EPA STACK TEST REVIEW - LEVEL 2 OR GREATER	Results code:Pass(PP) or Fail(FF).Action PLLT.
TO-N	13-R		EPA OBSERVED STACK TEST	Results code:Pass(PP) or Fail(FF).Action PLLT.
TT-N	TT-R		EPA RECEIPT OF STACK TEST REPORT	
3A-N		18-R	STATE OBSERVED STACK TEST	Results Code:Pass(PP) or Fail(FF).
3A-N		73-R	NEW SOURCE PERFORMANCE TEST	Results Code:Pass(PP) or Fail(FF).
6C-N		16-R	STATE STACK TEST	Results Code:Pass(PP) or Fail(FF).
ST-N		ST-R	AGENCY NON-MDR STACK TEST	Results code:Pass(PP) or Fail(FF).Action PLLT.
TR-N		15-R	SOURCE OPERATOR STACK TEST	Results code:Pass(PP) or Fail(FF).
TS-N		TS-R	STATE RECEIPT OF STACK TEST REPORT	

NOTICE OF VIOLATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6A-N	23-R		EPA NOV ISSUED	
7A-N	80-R		SECTION 120 NOTICE OF NONCOMPLIANCE	
7C-N		49-R	STATE NOTICE OF VIOLATION ISSUED	

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 03

FEDERAL ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6B-N	31-R		EPA COURT CONSENT DECREE ENTERED	PAM1
6B-N	32-R		FEDERAL COURT ORDER	PAM1
6B-N	MD-R		MULTIAMEDIA CONSENT DECREE	PAM1
7E-N	SC-R		SECTION 167 PSD STOP CONSTRUCTION ORDER	PAM1
7F-N	7F-R		113D APO COMPLAINT FILED.	PAM1
7F-N	MA-R		MULTIMEDIA ADMINISTRATIVE PENALTY ORDER	PAM1
8A-N	33-R		EPA 113(A) (1) 30-DAY SIP ORDER	PAM1
8A-N	34-R		EPA 113(A) (3) NON-SIP ORDER	PAM1
8A-N	35-R		EPA 113(A) (5) STOP CONSTRUCTION ORDER	PAM1
AG-N	AG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	AH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
C2-N	AO-R		113(D) APO RECALCULATED	PAM1
C3-N	AC-R		ADMINISTRATIVE CIVIL PENALTY COLLECTED	PAM1

STATE ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: Orders include Penalty Notices,Compliance Notices,Agreed Orders,Compliance Administrative Orders, Consent Orders or Final Orders				
2D-N		45-R	STATE COURT ORDER ISSUED	PAM1(Total Assessed)
2D-N		46-R	STATE COURT CONSENT DECREE SIGNED	PAM1(Total Assessed)
8C-N		47-R	STATE ADMINISTRATIVE UNILATERAL ORDER	PAM1(Total Assessed)
8C-N		48-R	STATE ADMINISTRATIVE CONSENT AGREEMENT	PAM1(Total Assessed)

CIVIL AND CRIMINAL REFERRALS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
4B-N *	27-R		REFERRAL TO DSSE	PAM1
4B-N *	28-R		REFER TO JUSTICE	PAM1
4B-N *	29-R		EPA CIVIL ACTION FILED (REFERRAL)	PAM1
4B-N *	MR-R		MULTIMEDIA REFERRAL	PAM1
5B-N *	30-R		EPA CRIMINAL ACTION FILED	PAM1
7B-N *	90-R		EPA CIVIL PENALTY ASSESSED	PAM1
AI-N *	AI-R		FEDERAL AIR TOXICS REFERRAL TO DOJ	PAM1
AJ-N	AJ-R		NONAPPLICABILITY OF AIR TOXIC REQUIREMENT	PAM1
1D-N *		44-R	STATE CRIMINAL ACTION FILED	
1E-N *		CR-R	STATE CIVIL REFERRAL	PAM1
1E-N *		SM-R	STATE MULTIMEDIA CIVIL REFERRAL	PAM1
3D-N *		92-R	STATE CIVIL PENALTY ASSESSED	PAM1
9C-N		43-R	STATE CIVIL ACTION FILED	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - DAY ZERO AND LEAD CHANGES

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: HPV cases contain a Day Zero action, Date Addressed, formal or informal action and Date Resolved. Any action can be linked.Comment on Day Zero documents type of Violation				
2B-N	2B-R	2B-R	DAY ZERO - SHARED ENFORCEMENT LEAD	PLC1, Lead Agency
2U-N	2U-R	2U-R	DAY ZERO - ENFORCEMENT LEAD IS UNASSIGNED	PLC1, Lead Agency
2Z-N	DZ-R		FEDERAL DAY ZERO	PLC1, Lead Agency
DB-N	DB-R		LEAD CHANGED TO SHARED ENFORCEMENT	
DS-N	DS-R		LEAD CHANGED TO STATE ENFORCEMENT	
DY-N	DY-R		LEAD CHANGED TO FEDERAL ENFORCEMENT	
2E-N		2E-R	STATE DAY ZERO	PLC1, Lead Agency

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 03

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - ADDRESSING ACTIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2M-N	2M-R	2M-R	PROP SIP OR FIP REVISION WILL LEAD TO COMPLIANCE	
OT-N	OT-R	OT-R	OTHER ADDRESSING ACTION	PAM1(Total Assessed)
6B-N	31-R		EPA COURT CONSENT DECREE ENTERED	PAM1
6B-N	32-R		FEDERAL COURT ORDER	PAM1
6B-N	MD-R		MULTIAMEDIA CONSENT DECREE	PAM1
7A-N	80-R		SECTION 120 NOTICE OF NONCOMPLIANCE	
7E-N	SC-R		SECTION 167 PSD STOP CONSTRUCTION ORDER	
7F-N	7F-R		113D APO COMPLAINT FILED.	PAM1
7F-N	MA-R		MULTIMEDIA ADMINISTRATIVE PENALTY ORDER	PAM1
8A-N	33-R		EPA 113(A) (1) 30-DAY SIP ORDER	PAM1
8A-N	34-R		EPA 113(A) (3) NON-SIP ORDER	PAM1
8A-N	35-R		EPA 113(A) (5) STOP CONSTRUCTION ORDER	PAM1
AG-N	AG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	AH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
2D-N		45-R	STATE COURT ORDER ISSUED	PAM1(Total Assessed)
2D-N		46-R	STATE COURT CONSENT DECREE SIGNED	PAM1(Total Assessed)
2L-N		07-R	SIP REVISION PENDING	
8C-N		47-R	STATE ADMINISTRATIVE UNILATERAL ORDER	PAM1(Total Assessed)
8C-N		48-R	STATE ADMINISTRATIVE CONSENT AGREEMENT	PAM1(Total Assessed)
9C-N		43-R	STATE CIVIL ACTION FILED	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - HPV RESOLVED

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
C7-N	CO-R	CO-R	CASE CLOSE-OUT	
VR-N	VR-R	VR-R	VIOLATION RESOLVED	
WD-N	WD-R	WD-R	WITHDRAWN	
7G-N	7G-R		SOURCE RET TO COMPL BY EPA W/NO FURTHER ACT REQ	
C3-N	AC-R		ADMINISTRATIVE CIVIL PENALTY COLLECTED	
2K-N		2K-R	SOURCE RET TO COMPL BY STATE W/NO FURTHER ACT REQ	
2K-N		2L-R	HPV ADDRESSED/RESOLVED BY STATE UNDEFINED ACTION	

TITLE V SELF CERTIFICATIONS AND COMPLIANCE STATUS(Note: contains new CMS requirements.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
CC-N	CC-R	CC-R	COMPLIANCE CERTIFICATIONS DUE/RECEIVED BY EPA	DTS1=Due Date. DTA1=Received Date.
ER-N	ER-R		REVIEWED FOR DEVIATION	Results Code:MV-in Violation,MC-in Compliance,MU-Unknown. RDE8=Deviation, Y-Yes and N-No.
CB-N	CB-R		TITLE V COMPLIANCE CERT DUE/RECEIVD BY STATE/LOCAL	DTS1=Due Date. DTA1=Received Date.
SR-N		SN-R	COMPLIANCE CERTIFICATION STATE REVIEW	Results Code:MV-in violation, MC-in Compliance, MU-Unknown

NON-APPLICABILITY DETERMINATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
NA-N	NA-R		EPA MACT FCE/PCE NON-APPLICABILITY DETERMINATION	
NM-N	NM-R		EPA MACT NON-APPLICABLE DETERM FOR INVESTIGATIONS	
NN-N	NN-R		EPA NSR/PSD NON-APPLICABLE DETERMINE-INVESTIGATION	

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SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 03

Title V Permit Program Data Elements and Events

AFS Acronym	Region Use	State Use	Description-Data	Additional
			Permitting Authority Name	FIPS Tables
PAFS			AFS Plant ID Number	
PAPN			Permit Number	
APC1			Permit Air Program Code	V
PLAP			Permit Pollutant Code	Facil
SCA1			Permit Program Compliance	Current
		DP	Draft Permit	Permit Number
		DQ	Draft Permit Modification	
		PP	Date Permit Recd By EPA	
		PM	Date Permit Mod Recd by EPA	
		PE	EPA 45-Day Review Period	System Generated
		IF	Date Permit Issued	
		IM	Date Permit Modification Issued	
		IR	Permit Renewal	
	PO		Date EPA Objects to Permit	
	PL		Date EPA Objects to Permit Mod	
	PG		Date EPA Denies Revised Permit	
	PH		Date EPA Denies Revised Mod	
	PT		Date Public Petitions EPA	
	PD		Date Public Petitions EPA - Mod	
	PQ		Date EPA Action - Public Petition	

Note: please reference http://www.epa.gov/compliance/resources/publications/data/systems/air/pmtpolcy.pdf for more information on the reporting of Title V data.

Data Elements for Subparts

AFS Acronym	Region	State Use	Description-Data Elements	Additional
SPT1 APC1=9	X	X (Optional)	40 CFR Part 60 (NSPS) Subparts- Air Program Code 9	Plant Lvl
SPT1 APC1=8	X	X (Optional)	40 CFR Part 61 (NonMACT NESHAP) Subparts-Air Program Code 8	Plant Lvl
SPT1 APC1=M	X	X (Optional)	40 CFR Part 63 (MACT NESHAP) Subparts-Air Program Code M	Plant Lvl
SPT1 APC1=0	X	X (Optional)	40 CFR Part 60 - Air Program Code 0	Plant Lvl
SPT1 APC1=1	X	X (Optional)	40 CFR Part 60 - Air Program Code 1	Plant Lvl

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 04

FULL COMPLIANCE EVALUATIONS (FCE)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AA-N	XA-R		FEDERAL AIR TOXICS ONSITE FCE	
AB-N	XB-R		FEDERAL AIR TOXICS OFFSITE FCE	
FE-N	FE-R		EPA CONDUCTED FCE/ ON-SITE	
FZ-N	FZ-R		EPA CONDUCTED FCE/ OFF-SITE	
FF-N		FF-R	STATE CONDUCTED FCE/ OFF-SITE	
FS-N		FS-R	STATE CONDUCTED FCE/ ON-SITE	

INVESTIGATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AE-N *	XE-R		FEDERAL AIR TOXICS INVESTIGATION INITIATED	
AF-N	XF-R		FEDERAL AIR TOXICS INVESTIGATION COMPLETED	
EC-N	EC-R		EPA INVESTIGATION CONDUCTED	
EI-N *	E0-R		EPA INVESTIGATION STARTED	
SC-N		SC-R	STATE INVESTIGATION CONDUCTED	
SI-N *		SI-R	STATE INVESTIGATION STARTED	

PARTIAL COMPLIANCE EVALUATIONS (PCE)-(Note: reporting State PCE's are currently an option.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AC-N	XC-R		FEDERAL AIR TOXICS ONSITE PCE	
AD-N	XD-R		FEDERAL AIR TOXICS OFFSITE PCE	
EE-N	EE-R		COMPLAINT ON-SITE PCE (EPA)	
EM-N	EM-R		PROCESS OFF-SITE PCE (EPA)	
EO-N	EO-R		ON-SITE PCE OBSERVATION (EPA)	
EP-N	EP-R		PERMIT ON-SITE PCE (EPA)	
ES-N	ES-R		EPA CONDUCTED PCE/ ON-SITE	
EX-N	EX-R		EPA CONDUCTED PCE/ OFF-SITE	
PC-N		PC-R	COMPLAINT ON-SITE PCE (STATE)	
PO-N		PO-R	ON-SITE PCE OBSERVATION (STATE)	
PP-N		PP-R	PERMIT ON-SITE PCE (STATE)	
PR-N		PR-R	PROCESS OFF-SITE PCE (STATE)	
PS-N		27-R	STATE COMPLIANCE INSPECTION - LEVEL 2 OR GREATER	
PS-N		54-R	STATE REINSPECTION - LEVEL 2 OR GREATER	
PS-N		PS-R	STATE CONDUCTED PCE/ ON-SITE	
PX-N		PX-R	STATE CONDUCTED PCE/ OFF-SITE	
PX-N		SD-R	SELF DISCLOSED VIOLATION	

STACK TESTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2A-N	BA-R		EPA CONDUCTED STACK TEST	Results Code:Pass(PP) or Fail(FF).Action PLLT.
TE-N	TE-R		EPA REQ (O/O COND) STACK TEST/NOT OBSVD BUT REVWD	Results code:Pass(PP) or Fail(FF).Action PLLT.
TO-N	TO-R		EPA REQ (O/O COND) STACK TEST/ OBSERVED & REVIEWED	Results code:Pass(PP) or Fail(FF).Action PLLT.
3A-N		23-R	STATE REQ (O/O COND) STACK TEST/OBSVD & REVIEWED	Results Code:Pass(PP) or Fail(FF).
3A-N		7A-R	NSPS PERFORMANCE TEST	Results Code:Pass(PP) or Fail(FF).
3A-N		B7-R	SOURCE TEST OBSERVED	Results Code:Pass(PP) or Fail(FF).
3A-N		V4-R	NESHAPS SOURCE TEST	Results Code:Pass(PP) or Fail(FF).
6C-N		24-R	STATE CONDUCTED STACK TEST	Results Code:Pass(PP) or Fail(FF).
6C-N		59-R	STATE EVALUATED SOURCE TEST REPORT	Results Code:Pass(PP) or Fail(FF).
TR-N		TR-R	STATE REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD	Results code:Pass(PP) or Fail(FF).
TS-N		TS-R	STATE RECEIPT OF STACK TEST REPORT	

NOTICE OF VIOLATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6A-N	A8-R		NOTICE OF VIOLATION	
6A-N	J9-R		EPA PSD NOTICE OF VIOLATION	
6A-N	L5-R		NOV ISSUED BY EPA	
7A-N	Z2-R		NOTICE OF NON-COMPLIANCE	
7A-N		74-R	STATE WARNING LETTER SENT	
7C-N		56-R	STATE NOTICE OF VIOLATION	

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 04

FEDERAL ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6B-N	CB-R		FEDERAL CONSENT AGREEMENT SIGNED	PAM1
6B-N	X3-R		FEDERAL COURT DECREE ISSUED	PAM1
7E-N	K8-R		EPA 167 ORDER ISSUED	PAM1
7F-N	AB-R		113(D) ADMINISTRATIVE COMPLIANT FILED	PAM1
7F-N	AU-R		113(D) APO COMPLAINT FILED	PAM1
8A-N	B1-R		EPA 113(A) ADMINISTRATIVE ORDER ISSUED	PAM1
8A-N	K1-R		EPA PSD ORDER	PAM1
8A-N	P9-R		EPA NSR ORDER	PAM1
8A-N	V7-R		NESHAPS ORDER BY EPA	PAM1
8A-N	Y1-R		EPA 113A SIP VIOLATION ORDER ISSUED	PAM1
8A-N	Y2-R		EPA 113A NON-SIP VIOLATION ORDER ISSUED	PAM1
8A-N	Y3-R		EPA 113A PROHIBIT CONSTRUCTION ORDER ISSUED	PAM1
AG-N	XG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	XH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
C3-N	AH-R		113(D) ADMINISTRATIVE PENALTY COLLECTED	PAM1

STATE ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: Administrative Orders include Penalty Notices,Compliance Notices,Agreed Orders,Compliance Administrative Orders, Consent Orders or Final Orders				
2D-N		31-R	CONSENT ORDER ISSUED	PAM1(Total Assessed)
2D-N		X2-R	STATE COURT DECREE ISSUED	PAM1(Total Assessed)
8C-N		40-R	STATE CONSENT ORDER	PAM1(Total Assessed)
8C-N		X1-R	STATE ORDER ISSUED	PAM1(Total Assessed)

CIVIL AND CRIMINAL REFERRALS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
4B-N *	5B-R		EPA NSPS CIVIL ACTION (REFERRAL)	PAM1
4B-N *	B6-R		REFERRAL TO DOJ	PAM1
4B-N *	C1-R		EPA CIVIL ACTION (REFERRAL)	PAM1
4B-N *	K2-R		EPA PSD CIVIL ACTION (REFERRAL)	PAM1
4B-N *	L6-R		EPA NSR/PSD CIVIL ACTION (REFERRAL)	PAM1
4B-N *	V8-R		EPA NESHAPS CIVIL ACTION (REFERRAL)	PAM1
5B-N *	CA-R		EPA CRIMINAL ACTION	PAM1
7B-N *	Z6-R		EPA CIVIL PENALTY ASSESSED	PAM1
AI-N *	XI-R		FEDERAL AIR TOXICS REFERRAL TO DOJ	PAM1
AJ-N	XJ-R		NONAPPLICABILITY OF AIR TOXIC REQUIREMENTS	PAM1
1D-N *		63-R	STATE CRIMINAL SUIT FILED BY ATTORNEY GENERAL	PAM1
1D-N *		L3-R	STATE CRIMINAL ACTION	PAM1
1E-N *		60-R	STATE REFERRAL TO ATTORNEY GENERAL	PAM1
3D-N *		Z4-R	STATE CIVIL PENALTY ASSESSED	PAM1
9C-N		64-R	STATE CIVIL SUIT FILED BY ATTORNEY GENERAL	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - DAY ZERO AND LEAD CHANGES

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: HPV cases contain a Day Zero action, Date Addressed, formal or informal action and Date Resolved. Any action can be linked.Comment on Day Zero documents type of Violation				
2B-N	06-R	06-R	DAY ZERO - SHARED ENFORCEMENT LEAD	PLC1, Lead Agency
2U-N	07-R	07-R	DAY ZERO - ENFORCEMENT LEAD IS UNASSIGNED	PLC1, Lead Agency
2Z-N	01-R		FEDERAL DAY ZERO	PLC1, Lead Agency
DB-N	DB-R		LEAD CHANGED TO SHARED ENFORCEMENT	
DS-N	DS-R		LEAD CHANGED TO STATE ENFORCEMENT	
DY-N	A0-R		LEAD CHANGED TO FEDERAL ENFORCEMENT	
2E-N		04-R	STATE DAY ZERO	PLC1, Lead Agency

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 04

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - ADDRESSING ACTIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2M-N	AX-R	AX-R	PROPOSED SIP OR FIP REV WILL LEAD TO COMPLIANCE	
OT-N	OT-R	OT-R	OTHER ADDRESSING ACTION	PAM1(Total Assessed)
6B-N	CB-R		FEDERAL CONSENT AGREEMENT SIGNED	PAM1
6B-N	X3-R		FEDERAL COURT DECREE ISSUED	PAM1
7A-N	D5-R		NOTICE (OF NON COMPLIANCE)	
7A-N	Z2-R		NOTICE OF NON-COMPLIANCE	
7E-N	K8-R		EPA 167 ORDER ISSUED	
7F-N	AB-R		113(D) ADMINISTRATIVE COMPLIANT FILED	PAM1
7F-N	AU-R		113(D) APO COMPLAINT FILED	PAM1
8A-N	4B-R		NSPS ORDER BY EPA	PAM1
8A-N	B1-R		EPA 113(A) ADMINISTRATIVE ORDER ISSUED	PAM1
8A-N	K1-R		EPA PSD ORDER	PAM1
8A-N	P9-R		EPA NSR ORDER	PAM1
8A-N	V7-R		NESHAPS ORDER BY EPA	PAM1
8A-N	Y1-R		EPA 113A SIP VIOLATION ORDER ISSUED	PAM1
8A-N	Y2-R		EPA 113A NON-SIP VIOLATION ORDER ISSUED	PAM1
8A-N	Y3-R		EPA 113A PROHIBIT CONSTRUCTION ORDER ISSUED	PAM1
AG-N	XG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	XH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
2D-N		31-R	CONSENT ORDER ISSUED	PAM1(Total Assessed)
2D-N		X2-R	STATE COURT DECREE ISSUED	PAM1(Total Assessed)
2L-N		AV-R	PROPOSED SIP REVISION WILL LEAD TO COMPLIANCE	
8C-N		40-R	STATE CONSENT ORDER	PAM1(Total Assessed)
8C-N		X1-R	STATE ORDER ISSUED	PAM1(Total Assessed)
9C-N		64-R	STATE CIVIL SUIT FILED BY ATTORNEY GENERAL	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - HPV RESOLVED

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
C7-N	AQ-R	AQ-R	CLOSEOUT MEMO ISSUED	
VR-N	AS-R	AS-R	VIOLATION RESOLVED	
VR-N	AZ-R	AZ-R	HPV RESOLVED - SOURCE RETURNED TO COMPLIANCE	
WD-N	AK-R	AK-R	WITHDRAWN	
7G-N	AT-R		SOURCE RET.TO COMPL.BY EPA WITH NO FURT ACTION REQ	
C3-N	AH-R		113(D) ADMINISTRATIVE PENALTY COLLECTED	
2K-N		AW-R	SOURCE RET.TO COMP.BY STATE WITH NO FURTHER ACT RE	

TITLE V SELF CERTIFICATIONS AND COMPLIANCE STATUS(Note: contains new CMS requirements.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
CC-N	CC-R	CC-R	TITLE V COMPLIANCE CERTIFICATION DUE RECVD BY EPA	DTS1=Due Date. DTA1=Received Date.
ER-N	ER-R		TITLE V COMPLIANCE CERTIFICATION REVIEW BY EPA	Results Code:MV-in Violation,MC-in Compliance,MU-Unknown RDE8=Deviation,Y-Yes or N-No.
CB-N	CS-R		TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL	DTS1=Due Date. DTA1=Received Date.
SR-N		SR-R	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE	Results Code:MV-in violation, MC-in Compliance, MU-Unknown

NON-APPLICABILITY DETERMINATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
NA-N	NA-R		EPA MACT FCE/PCE NON-APPLICABILITY DETERMINATION	
NM-N	NM-R		EPA MACT NON-APPLICABLE DETERM FOR INVESTIGATIONS	
NN-N	NN-R		EPA NSR/PSD NON-APPLICABLE DETERMINE-INVESTIGATION	

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 04

Title V Permit Program Data Elements and Events

AFS Acronym	Region Use	State Use	Description-Data	Additional
			Permitting Authority Name	FIPS Tables
PAFS			AFS Plant ID Number	
PAPN			Permit Number	
APC1			Permit Air Program Code	V
PLAP			Permit Pollutant Code	Facil
SCA1			Permit Program Compliance	Current
		DP	Draft Permit	Permit Number
		DQ	Draft Permit Modification	
		PP	Date Permit Recd By EPA	
		PM	Date Permit Mod Recd by EPA	
		PE	EPA 45-Day Review Period	System Generated
		IF	Date Permit Issued	
		IM	Date Permit Modification Issued	
		IR	Permit Renewal	
	PO		Date EPA Objects to Permit	
	PL		Date EPA Objects to Permit Mod	
	PG		Date EPA Denies Revised Permit	
	PH		Date EPA Denies Revised Mod	
	PT		Date Public Petitions EPA	
	PD		Date Public Petitions EPA - Mod	
	PQ		Date EPA Action - Public Petition	

Note: please reference http://www.epa.gov/compliance/resources/publications/data/systems/air/pmtpolcy.pdf for more information on the reporting of Title V data.

Data Elements for Subparts

AFS Acronym	Region	State Use	Description-Data Elements	Additional
SPT1 APC1=9	X	X (Optional)	40 CFR Part 60 (NSPS) Subparts- Air Program Code 9	Plant Lvl
SPT1 APC1=8	X	X (Optional)	40 CFR Part 61 (NonMACT NESHAP) Subparts-Air Program Code 8	Plant Lvl
SPT1 APC1=M	X	X (Optional)	40 CFR Part 63 (MACT NESHAP) Subparts-Air Program Code M	Plant Lvl
SPT1 APC1=0	X	X (Optional)	40 CFR Part 60 - Air Program Code 0	Plant Lvl
SPT1 APC1=1	X	X (Optional)	40 CFR Part 60 - Air Program Code 1	Plant Lvl

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 05

FULL COMPLIANCE EVALUATIONS (FCE)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AA-N	AA-R		FEDERAL AIR TOXICS ONSITE FCE	
AB-N	AB-R		FEDERAL AIR TOXICS OFFSITE FCE	
FE-N	L6-R		EPA CONDUCTED FCE/ON-SITE	
FZ-N	L7-R		EPA CONDUCTED FCE/OFF-SITE	
FF-N		82-R	STATE CONDUCTED FCE/OFF-SITE	
FS-N		81-R	STATE CONDUCTED FCE/ON-SITE	

INVESTIGATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AE-N *	AE-R		FEDERAL AIR TOXICS INVESTIGATION INITIATED	
AF-N	AF-R		FEDERAL AIR TOXICS INVESTIGATION COMPLETED	
EC-N	54-R		EPA INVESTIGATION CONDUCTED	
EI-N *	53-R		EPA INVESTIGATION STARTED	
SC-N		42-R	STATE INVESTIGATION CONDUCTED	
SI-N *		41-R	STATE INVESTIGATION STARTED	

PARTIAL COMPLIANCE EVALUATIONS (PCE)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AC-N	AC-R		FEDERAL AIR TOXICS ONSITE PCE	
AD-N	AD-R		FEDERAL AIR TOXICS OFFSITE PCE	
ES-N	L8-R		EPA PCE/ON-SITE	
EX-N	55-R		114 REPLY REVIEWED	
EX-N	L2-R		EPA OFF-SITE FILE REVIEW	
EX-N	L5-R		EPA PCE/OFF-SITE	
EX-N	RM-R		REPORTABLE MILESTONE REVIEWED	
PS-N		83-R	STATE PCE/ON-SITE	
PX-N		80-R	STATE PCE/OFF-SITE	
PX-N		FR-R	FESOP COMPLIANCE CERT REVIEW BY STATE LOCAL	
PX-N		RF-R	STATE OFF-SITE FILE REVIEW	

STACK TESTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2A-N	18-R		EPA CONDUCTED STACK TEST	Results Code:Pass(PP) or Fail(FF).Action PLLT.
SS-N	SS-R		EPA NON-MDR STACK TEST	Results Code:Pass(PP) or Fail(FF).Action PLLT.
TE-N	17-R		EPA REQ(O/O COND) STACK TEST/NOT OBSVD BUT REVWED	Results code:Pass(PP) or Fail(FF).Action PLLT.
TO-N	16-R		EPA REQ(O/O COND) STACK TEST/OBSERVED & REVIEWED	Results code:Pass(PP) or Fail(FF).Action PLLT.
3A-N		15-R	PERFORMANCE TEST	Results Code:Pass(PP) or Fail(FF).
3A-N		37-R	SOURCE TEST OBSERVED	Results Code:Pass(PP) or Fail(FF).
6C-N		36-R	SOURCE TEST CONDUCTED	Results Code:Pass(PP) or Fail(FF).
ST-N		ST-R	AGENCY NON-MDR STACK TEST	Results Code:Pass(PP) or Fail(FF).Action PLLT.
TR-N		35-R	STATE REQ(O/O COND) STACK TEST/NOT OBSVD BUT REVWD	Results code:Pass(PP) or Fail(FF).

NOTICE OF VIOLATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6A-N	63-R		NOTICE OF VIOLATION ISSUED	
6A-N	A1-R		FINDING OF VIOLATION ISSUED	
6A-N	SC-R		EPA SHOW CAUSE LETTER	
7A-N	Z2-R		NOTICE OF NON-COMPLIANCE	
7C-N		D4-R	STATE WARNING LETTER	
7C-N		D5-R	LOCAL WARNING LETTER ISSUED	
7C-N		L1-R	NOV ISSUED BY STATE	

*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 05

FEDERAL ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6B-N	D1-R		FEDERAL COURT ORDER ISSUED	PAM1
6B-N	K8-R		DECREE ENTERED	PAM1
7E-N	L3-R		167 STOP CONSTRUCTION ORDER	PAM1
7F-N	U1-R		113(D) ADMINISTRATIVE CIVIL COMPLAINT FILED	PAM1
8A-N	98-R		EPA 113(A)ORDER ISSUED	PAM1
8A-N	E1-R		EPA 113(A)(5)STOP CONSTRUCTION ORDER ISSUED	PAM1
8A-N	E7-R		FEDERAL FACILITY COMPLIANCE AGREEMENT	PAM1
8A-N	E8-R		EPA UNILATERAL ADMINISTRATIVE ORDER	PAM1
AG-N	AG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	AH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
C2-N	U2-R		113(D) APO RECALCULATED	PAM1
C3-N	ZB-R		113(D) ADMINISTRATIVE PENALTY COLLECTED	PAM1
C6-N	85-R		CONSENT DECREE/COURT ORDER AMENDMENT	PAM1

STATE ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: Orders include Penalty Notices,Compliance Notices,Agreed Orders,Compliance Administrative Orders, Consent Orders or Final Orders				
2D-N		X2-R	STATE COURT DECREE ISSUED	PAM1(Total Assessed)
8C-N		06-R	STATE FORGIVABLE APO ISSUED	PAM1(Total Assessed)
8C-N		07-R	STATE NONFORGIVABLE APO ISSUED	PAM1(Total Assessed)
8C-N		08-R	STATE COMBINED (F/NF) APO ISSUED	PAM1(Total Assessed)
8C-N		66-R	STATE ORDER ISSUED	PAM1(Total Assessed)
8C-N		68-R	LOCAL FINDINGS AND ORDERS ISSUED	PAM1(Total Assessed)
8C-N		E9-R	STATE UNILATERAL ADMINISTRATIVE ORDER	PAM1(Total Assessed)

CIVIL AND CRIMINAL REFERRALS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
4B-N *	26-R		REFERRAL TO DSSE(CIVIL)	PAM1
4B-N *	27-R		REF DOJ	PAM1
5B-N *	69-R		EPA CRIMINAL ACTION	PAM1
7B-N *	Z6-R		FEDERAL CIVIL PENALTY	PAM1
AI-N *	AI-R		FEDERAL AIR TOXICS REFERRAL TO DOJ	PAM1
1D-N *		XA-R	STATE REFERRAL (CRIMINAL)	PAM1
1E-N *		X3-R	STATE REFERRAL (CIVIL)	PAM1
3D-N *		Z4-R	STATE CIVIL PENALTY	PAM1
9C-N		X1-R	FILE BY STATE AG	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - DAY ZERO AND LEAD CHANGES

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: HPV cases contain a Day Zero action, Date Addressed, formal or informal action and Date Resolved. Any action can be linked.Comment on Day Zero documents type of Violation				
2B-N	2B-R	2B-R	DAY ZERO - SHARED ENFORCEMENT LEAD	PLC1, Lead Agency
2U-N	2U-R	2U-R	DAY ZERO - ENFORCEMENT LEAD IS UNASSIGNED	PLC1, Lead Agency
2Z-N	23-R		FEDERAL DAY ZERO	PLC1, Lead Agency
DB-N	DB-R		LEAD CHANGED TO SHARED ENFORCEMENT	
DS-N	DS-R		LEAD CHANGED TO STATE ENFORCEMENT	
DY-N	DY-R		LEAD CHANGED TO FEDERAL ENFORCEMENT	
RT-N	RT-R	RT-R	SV REPORT AS ADDRESSED	
VL-N	VL-R	VL-R	SV REPORT AS ADDED	
2E-N		38-R	STATE DAY ZERO	PLC1, Lead Agency

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 05

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - ADDRESSING ACTIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2M-N	G4-R	G4-R	PROPOSED PERMIT/SIP/FIP REV WILL LEAD TO COMPLIANC	
OT-N	OT-R	OT-R	OTHER ADDRESSING ACTION	PAM1(Total Assessed)
6B-N	D1-R		FEDERAL COURT ORDER ISSUED	PAM1
6B-N	K8-R		DECREE ENTERED	PAM1
7A-N	Z2-R		NOTICE OF NON-COMPLIANCE	
7E-N	L3-R		167 STOP CONSTRUCTION ORDER	
7F-N	U1-R		113(D) ADMINISTRATIVE CIVIL COMPLAINT FILED	PAM1
8A-N	98-R		EPA 113(A)ORDER ISSUED	PAM1
8A-N	E1-R		EPA 113(A)(5)STOP CONSTRUCTION ORDER ISSUED	PAM1
8A-N	E7-R		FEDERAL FACILITY COMPLIANCE AGREEMENT	PAM1
8A-N	E8-R		EPA UNILATERAL ADMINISTRATIVE ORDER	PAM1
AG-N	AG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	AH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
ED-N	ED-R		EPA DEMAND LETTER	
2D-N		X2-R	STATE COURT DECREE ISSUED	PAM1(Total Assessed)
8C-N		06-R	STATE FORGIVABLE APO ISSUED	PAM1(Total Assessed)
8C-N		07-R	STATE NONFORGIVABLE APO ISSUED	PAM1(Total Assessed)
8C-N		08-R	STATE COMBINED (F/NF) APO ISSUED	PAM1(Total Assessed)
8C-N		66-R	STATE ORDER ISSUED	PAM1(Total Assessed)
8C-N		68-R	LOCAL FINDINGS AND ORDERS ISSUED	PAM1(Total Assessed)
8C-N		E9-R	STATE UNILATERAL ADMINISTRATIVE ORDER	PAM1(Total Assessed)
9C-N		X1-R	FILE BY STATE AG	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - HPV RESOLVED

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
C7-N	K9-R	K9-R	CLOSEOUT MEMO ISSUED	
VR-N	44-R	44-R	VIOLATION RESOLVED	
WD-N	WD-R	WD-R	WITHDRAWN	
7G-N	A3-R		SOURCE RET TO COMPL BY USEPA W/ NO FURTHER ACT REQ	
C3-N	ZB-R		113(D) ADMINISTRATIVE PENALTY COLLECTED	
2K-N		A4-R	SOURCE RETURNED TO COMPL BY THE STATE W/NO ACT RE	

TITLE V SELF CERTIFICATIONS AND COMPLIANCE STATUS(Note: contains new CMS requirements.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
CC-N	CC-R	CC-R	TITLE V COMPLIANCE CERT DUE/RECEIVED BY EPA	DTS1=Due Date. DTA1=Received Date.
ER-N	ER-R		COMPLIANCE CERTIFICATION EPA REVIEW	Results Code:MV-in Violation,MC-in Compliance,MU-Unknown. RDE8=Deviation,Y-Yes or N-No.
CB-N	CB-R		TITLE V COMPLIANCE CERT DUE/RECEIVD BY STATE/LOCAL	DTS1=Due Date. DTA1=Received Date.
SR-N		SR-R	COMPLIANCE CERTIFICATION STATE REVIEW	Results Code:MV-in violation, MC-in Compliance, MU-Unknown

NON-APPLICABILITY DETERMINATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AJ-N	AJ-R		NONAPPLICABILITY OF AIR TOXIC REQUIREMENTS	
NA-N	M1-R		EPA MACT FCE/PCE NON-APPLICABILITY DETERMINATION	
NM-N	NM-R		EPA MACT NON-APPLICABLE DETERM FOR INVESTIGATIONS	
NN-N	NN-R		EPA NSR/PSD NON-APPLICABLE DETERMINE-INVESTIGATION	

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SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 06

FULL COMPLIANCE EVALUATIONS (FCE)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AA-N	TF-R		FEDERAL AIR TOXICS ONSITE FCE	
AB-N	TZ-R		FEDERAL AIR TOXICS OFFSITE FCE	
FE-N	EI-R		EPA CFC EXPORTER INSPECTION - LEVEL 2 OR GREATER	
FE-N	FE-R		EPA CONDUCTED FCE/ ON-SITE	
FE-N	II-R		EPA CFC IMPORTER INSPECTION - LEVEL 2 OR GREATER	
FE-N	L4-R		EPA CASE DEVELOPMENT INSPECTION: LEVEL 2 OR GREATR	
FE-N	L8-R		PRIMACY INSPECTION - LEVEL 2 OR GREATER	
FE-N	MM-R		EPA MULTI-MEDIA INSPECTION - LEVEL 2 OR GREATER	
FE-N	PI-R		EPA CFC PRODUCER INSPECTION - LEVEL 2 OR GREATER	
FE-N	R8-R		EPA OVERVIEW INSPECTION - LEVEL 2 OR GREATER	
FE-N	UI-R		EPA CFC USER INSPECTION - LEVEL 2 OR GREATER	
FZ-N	FZ-R		EPA CONDUCTED FCE/OFF-SITE	
FF-N		FF-R	STATE CONDUCTED FCE / OFF-SITE	
FS-N		07-R	STATE INSPECTION - LEVEL 2 OR GREATER	
FS-N		FS-R	STATE CONDUCTED FCE/ON-SITE	
FS-N		L9-R	STATE CASE DEVELOPMENT INSPECTION: LVL 2 OR GREATR	
FS-N		S8-R	INSPECTION BY STATE - LEVEL 2 OR GREATER	

INVESTIGATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AE-N *	TI-R		FEDERAL AIR TOXICS INVESTIGATION INITIATED	
AF-N	TD-R		FEDERAL AIR TOXICS INVESTIGATION COMPLETED	
EC-N	EC-R		EPA INVESTIGATION CONDUCTED	
EI-N *	E9-R		EPA INVESTIGATION INITIATED	
SC-N		SE-R	STATE INVESTIGATION CONDUCTED	
SI-N *		SI-R	STATE INVESTIGATION INITIATED	

PARTIAL COMPLIANCE EVALUATIONS (PCE)-(Note: reporting State PCE's are currently an option.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AC-N	TC-R		FEDERAL AIR TOXICS ONSITE PCE	
AD-N	TX-R		FEDERAL AIR TOXICS OFFSITE PCE	
ES-N	PE-R		EPA PCE ON-SITE REVIEW	
EX-N	51-R		EPA 114 LETTER	
EX-N	59-R		EPA CONFERENCE WITH FACILITY	
EX-N	EX-R		EPA PCE/OFF-SITE	
EX-N	MB-R		PART 63 NOTIFICATION OF COMPLIANCE STATUS	
EX-N	MG-R		PART 63 GRANTED COMPLIANCE DATE	
EX-N	MJ-R		PART 63 APPLICABILITY DETERMINATION	
EX-N	R5-R		PUBLIC NOTICE BY EPA	
EX-N	R6-R		PUBLIC HEARING BY EPA	
PS-N		13-R	STATE OPACITY READING	
PS-N		43-R	STATE COMPLAINT INSPECTION	
PS-N		44-R	STATE POINT INSPECTION	
PS-N		DH-R	EMISSION INVENTORY AUDIT (PLANT VISIT)	
PS-N		PS-R	STATE PCE ON-SITE REVIEW	
PX-N		15-R	STATE CONFERENCE WITH FACILITY	
PX-N		42-R	STATE 114 LETTER	
PX-N		B4-R	NESHAPS SEMI-ANNUAL REPORT	
PX-N		DJ-R	EMISSION INVENTORY SUBMITTED	
PX-N		K2-R	REPORT REVIEWED	
PX-N		M2-R	EXECUTION AND SUBMISSION OF CM SPEC TEST RESULT	
PX-N		M3-R	EER SUBMISSION	
PX-N		M5-R	REVIEW OF CEM TEST RESULTS	
PX-N		M6-R	REVIEW CEM DATA	
PX-N		M7-R	CEM AUDIT	
PX-N		M8-R	CEM WAIVER/ALTERNATE METHOD GRANTED	
PX-N		ME-R	PART 63 PERIODIC REPORT	
PX-N		MO-R	PART 63 NOTIFICATION OF COMPLIANCE STATUS	
PX-N		P8-R	HEARING	
PX-N		PX-R	STATE PCE OFF-SITE REVIEW	
PX-N		S5-R	PUBLIC NOTICE BY STATE	
PX-N		S6-R	PUBLIC HEARING BY STATE	
PX-N		SF-R	SELF DISCLOSED VIOLATION	

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SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 06

STACK TESTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
SS-N	SS-R		EPA NON-MDR STACK TEST	Results Code:Pass(PP) or Fail(FF).Action PLLT.
ST-N	ST-R		AGENCY NON-MDR STACK TEST	Results Code:Pass(PP) or Fail(FF).Action PLLT.
2A-N	R9-R		SOURCE TEST CONDUCTED BY EPA	Results Code:Pass(PP) or Fail(FF).Action PLLT.
TE-N	TE-R		EPA REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD	Results code:Pass(PP) or Fail(FF).Action PLLT.
TO-N	53-R		EPA REQ (O/O COND) STACK TEST/OBSV & REVIEWED	Results code:Pass(PP) or Fail(FF).Action PLLT.
3A-N		09-R	STATE REQ (O/O COND) STACK TEST OBSV & REVIEWED	Results Code:Pass(PP) or Fail(FF).
3A-N		16-R	NSPS PERFORMANCE TEST OBSERVED BY STATE	Results Code:Pass(PP) or Fail(FF).
3A-N		21-R	NESHAPS EMISSION TEST OBSERVED BY STATE	Results Code:Pass(PP) or Fail(FF).
3A-N		63-R	SOURCE TEST(NOT OBSERVED)	Results Code:Pass(PP) or Fail(FF).
3A-N		65-R	NSPS PERFORMANCE TEST OBSERVED BY EPA	Results Code:Pass(PP) or Fail(FF).
3A-N		75-R	NESHAPS EMISSION TEST OBSERVED BY EPA	Results Code:Pass(PP) or Fail(FF).
3A-N		91-R	NESHAPS EMISSION TEST NOT OBSERVED	Results Code:Pass(PP) or Fail(FF).
3A-N		92-R	NSPS PERFORMANCE TEST NOT OBSERVED	Results Code:Pass(PP) or Fail(FF).
3A-N		MD-R	PART 63 PERFORMANCE TEST (OWNER OPERATOR)	Results Code:Pass(PP) or Fail(FF).
3A-N		W4-R	STACK TEST BY COMPANY	Results Code:Pass(PP) or Fail(FF).
6C-N		S9-R	PERFORMANCE TEST CONDUCTED BY STATE	Results Code:Pass(PP) or Fail(FF).
TR-N		39-R	STATE REQ (O/O COND) STACK TEST NOT OBSV BUT REVED	Results code:Pass(PP) or Fail(FF).
TS-N		TS-R	STATE RECEIPT OF STACK TEST REPORT	

NOTICE OF VIOLATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6A-N	55-R		EPA NOV ISSUED	
6A-N	A9-R		NESHAPS VIOLATION LETTER	
6A-N	C1-R		EPA STAGE I NOV	
6A-N	E4-R		NSPS VIOLATION LETTER	
6A-N	L5-R		NOV ISSUED BY EPA	
6A-N	L6-R		EPA FINDING OF VIOLATION LETTER	
7A-N	Z2-R		NOTICE OF NONCOMPLIANCE (SECTION120) ISSUED	
7C-N		28-R	STATE NOTICE OF VIOLATION	
7C-N		40-R	LETTER OF VIOLATION BY STATE	
7C-N		L1-R	NOV ISSUED BY STATE	

FEDERAL ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6B-N	X3-R		FEDERAL CONSENT DECREE ISSUED	PAM1
7E-N	N1-R		EPA SECTION 167 ORDER ISSUED	PAM1
7F-N	AA-R		113(D) APO COMPLAINT FILED	PAM1
8A-N	56-R		113A ORDER ISSUED	PAM1
8A-N	69-R		NSPS ORDER BY EPA	PAM1
8A-N	77-R		NESHAPS ORDER BY EPA	PAM1
8A-N	K4-R		EPA ADMINISTRATIVE ORDER	PAM1
8A-N	Y1-R		EPA 113A SIP VIOLATION ORDER ISSUED	PAM1
8A-N	Y2-R		EPA 113A NON-SIP VIOLATION ORDER ISSUED	PAM1
8A-N	Y3-R		EPA 113A PROHIBIT CONSTRUCTION ORDER ISSUED	PAM1
AG-N	TA-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	TP-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
C2-N	P1-R		113(D) APO RECALCULATED	PAM1
C3-N		P6-R	113(D) ADMINISTRATIVE PENALTY COLLECTED PAM1	

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 06

STATE ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: Orders include Penalty Notices,Compliance Notices,Agreed Orders,Compliance Administrative Orders, Consent Orders or Final Orders				
2D-N		X2-R	STATE CONSENT DECREE ISSUED	PAM1(Total Assessed)
8C-N		18-R	NSPS ORDER BY STATE	PAM1(Total Assessed)
8C-N		23-R	NESHAPS ORDER BY STATE	PAM1(Total Assessed)
8C-N		29-R	STATE ADMINSTRATIVE ORDER	PAM1(Total Assessed)
8C-N		CN-R	COMPLIANCE ORDER AND NOTICE OF POTENTIAL PENALTY	PAM1(Total Assessed)
8C-N		SG-R	STATE SETTLEMENT AGREEMENT APPROV, SIGNED & ISSUED	PAM1(Total Assessed)
8C-N		X1-R	STATE ORDER ISSUED	PAM1(Total Assessed)
8C-N		Z3-R	STATE ADMINISTRATIVE ORDER (W/ PENALTY)	PAM1(Total Assessed)

CIVIL AND CRIMINAL REFERRALS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
4B-N *	57-R		EPA SIP CIVIL ACTION (REFERRAL)	PAM1
4B-N *	K3-R		EPA CIVIL ACTION (REFERRAL)	PAM1
4B-N *	K7-R		PRE-CIVIL ACTION REQUEST (REFERRAL)	PAM1
5B-N *	17-R		EPA CRIMINAL ACTION	PAM1
5B-N *	L7-R		EPA CRIMINAL ACTION	PAM1
7B-N *	Z6-R		FEDERAL CIVIL PENALTY	PAM1
AI-N *	TR-R		FEDERAL AIR TOXICS REFERRAL TO DOJ	PAM1
AJ-N	TN-R		NONAPPLICABILITY OF AIR TOXICS REQUIREMENTS	PAM1
1D-N *		L3-R	CRIMINAL REFERRAL	PAM1
1E-N *		N2-R	CIVIL REFERRAL TO STATE AG	PAM1
3D-N *		Z4-R	STATE CIVIL PENALTY	PAM1
9C-N		11-R	STATE CIVIL ACTION	PAM1
9C-N		19-R	NSPS CIVIL ACTION BY STATE	PAM1
9C-N		24-R	NESHAPS CIVIL ACTION BY STATE	PAM1
9C-N		L2-R	STATE CIVIL ACTION	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - DAY ZERO AND LEAD CHANGES

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: HPV cases contain a Day Zero action, Date Addressed, formal or informal action and Date Resolved. Any action can be linked.Comment on Day Zero documents type of Violation				
2B-N	2B-R	2B-R	DAY ZERO - SHARED ENFORCEMENT LEAD	PLC1, Lead Agency
2U-N	2U-R	2U-R	DAY ZERO - ENFORCEMENT LEAD IS UNASSIGNED	PLC1, Lead Agency
2Z-N	N4-R		FEDERAL DAY ZERO	PLC1, Lead Agency
DB-N	V0-R		LEAD CHANGED TO SHARED ENFORCEMENT	
DS-N	DS-R		LEAD CHANGED TO STATE ENFORCEMENT	
DY-N	V9-R		LEAD CHANGED TO FEDERAL ENFORCEMENT	
2E-N		N6-R	STATE DAY ZERO	PLC1, Lead Agency
NH-N	NH-R	NH-R	NON-HPV DAY 0	PLC1, Lead Agency

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 06

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - ADDRESSING ACTIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2M-N	V4-R	V4-R	PROP SIP OR FIP REVISION WILL LEAD TO COMPLIANCE	
2M-N	V6-R	V6-R	PROP SIP OR FIP REVISION WILL LEAD TO COMPLIANCE	
OT-N	OT-R	OT-R	OTHER ADDRESSING ACTION	PAM1(Total Assessed)
6B-N	X3-R		FEDERAL CONSENT DECREE ISSUED	PAM1
7A-N	Z2-R		NOTICE OF NONCOMPLIANCE (SECTION120) ISSUED	
7E-N	N1-R		EPA SECTION 167 ORDER ISSUED	
7F-N	AA-R		113(D) APO COMPLAINT FILED	PAM1
8A-N	56-R		113A ORDER ISSUED	PAM1
8A-N	69-R		NSPS ORDER BY EPA	PAM1
8A-N	77-R		NESHAPS ORDER BY EPA	PAM1
8A-N	K4-R		EPA ADMINISTRATIVE ORDER	PAM1
8A-N	Y1-R		EPA 113A SIP VIOLATION ORDER ISSUED	PAM1
8A-N	Y2-R		EPA 113A NON-SIP VIOLATION ORDER ISSUED	PAM1
8A-N	Y3-R		EPA 113A PROHIBIT CONSTRUCTION ORDER ISSUED	PAM1
AG-N	TA-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	TP-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
2D-N		X2-R	STATE CONSENT DECREE ISSUED	PAM1(Total Assessed)
8C-N		18-R	NSPS ORDER BY STATE	PAM1(Total Assessed)
8C-N		23-R	NESHAPS ORDER BY STATE	PAM1(Total Assessed)
8C-N		29-R	STATE ADMINSTRATIVE ORDER	PAM1(Total Assessed)
8C-N		CN-R	COMPLIANCE ORDER AND NOTICE OF POTENTIAL PENALTY	PAM1(Total Assessed)
8C-N		SG-R	STATE SETTLEMENT AGREEMENT APPROV, SIGNED & ISSUED	PAM1(Total Assessed)
8C-N		X1-R	STATE ORDER ISSUED	PAM1(Total Assessed)
8C-N		Z3-R	STATE ADMINISTRATIVE ORDER (W/ PENALTY)	PAM1(Total Assessed)
9C-N		11-R	STATE CIVIL ACTION	PAM1
9C-N		19-R	NSPS CIVIL ACTION BY STATE	PAM1
9C-N		24-R	NESHAPS CIVIL ACTION BY STATE	PAM1
9C-N		L2-R	STATE CIVIL ACTION	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - HPV RESOLVED

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
C7-N	Q5-R	Q5-R	CLOSEOUT MEMO ISSUED	
VR-N	P5-R	P5-R	STATE SETTLEMENT COMPLETED & PAID IN FULL	
VR-N	V2-R	V2-R	VIOLATION RESOLVED	
WD-N	P9-R	P9-R	WITHDRAWN	
7G-N	V3-R		SOUR RET TO COMPL BY US EPA W/ NO FURTHER ACT REQ	
2K-N		V5-R	SOUR RET TO COMPL BY STTE W/ NO FURTHER ACT REQ	

TITLE V SELF CERTIFICATIONS AND COMPLIANCE STATUS(Note: contains new CMS requirements.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
CC-N	CC-R	CC-R	TITLE V ANNUAL COMPLIANCE CERT. DUE RCVD BY EPA	DTS1=Due Date. DTA1=Received Date.
ER-N	ER-R		COMPLIANCE CERTIFICATION EPA REVIEW	Results Code:MV-in Violation,MC-in Compliance,MU-Unknown RDE8=Deviation,Y-Yes or N-No.
CB-N	CB-R		TITLE V ANNUAL COMPL CERT DUE/RECVD BY STATE/LOCAL	DTS1=Due Date. DTA1=Received Date.
SR-N		SR-R	COMPLIANCE CERTIFICATION STATE REVIEW	Results Code:MV-in violation, MC-in Compliance, MU-Unknown

NON-APPLICABILITY DETERMINATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
NA-N	MN-R		PART 63 NEGATIVE DECLARATION OF APPLICABILITY	
NM-N	NM-R		EPA MACT NON-APPLICABLE DETERM FOR INVESTIGATIONS	
NN-N	NN-R		EPA NSR/PSD NON-APPLICABLE DETERMINE-INVESTIGATION	

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 06

Title V Permit Program Data Elements and Events

AFS Acronym	Region Use	State Use	Description-Data	Additional
			Permitting Authority Name	FIPS Tables
PAFS			AFS Plant ID Number	
PAPN			Permit Number	
APC1			Permit Air Program Code	V
PLAP			Permit Pollutant Code	Facil
SCA1			Permit Program Compliance	Current
		DP	Draft Permit	Permit Number
		DQ	Draft Permit Modification	
		PP	Date Permit Recd By EPA	
		PM	Date Permit Mod Recd by EPA	
		PE	EPA 45-Day Review Period	System Generated
		IF	Date Permit Issued	
		IM	Date Permit Modification Issued	
		IR	Permit Renewal	
	PO		Date EPA Objects to Permit	
	PL		Date EPA Objects to Permit Mod	
	PG		Date EPA Denies Revised Permit	
	PH		Date EPA Denies Revised Mod	
	PT		Date Public Petitions EPA	
	PD		Date Public Petitions EPA - Mod	
	PQ		Date EPA Action - Public Petition	

Note: please reference http://www.epa.gov/compliance/resources/publications/data/systems/air/pmtpolcy.pdf for more information on the reporting of Title V data.

Data Elements for Subparts

AFS Acronym	Region	State Use	Description-Data Elements	Additional
SPT1 APC1=9	X	X (Optional)	40 CFR Part 60 (NSPS) Subparts- Air Program Code 9	Plant Lvl
SPT1 APC1=8	X	X (Optional)	40 CFR Part 61 (NonMACT NESHAP) Subparts-Air Program Code 8	Plant Lvl
SPT1 APC1=M	X	X (Optional)	40 CFR Part 63 (MACT NESHAP) Subparts-Air Program Code M	Plant Lvl
SPT1 APC1=0	X	X (Optional)	40 CFR Part 60 - Air Program Code 0	Plant Lvl
SPT1 APC1=1	X	X (Optional)	40 CFR Part 60 - Air Program Code 1	Plant Lvl

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 07

FULL COMPLIANCE EVALUATIONS (FCE)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AA-N	JA-R		FEDERAL AIR TOXICS ONSITE FCE	
AB-N	JB-R		FEDERAL AIR TOXICS OFFSITE FCE	
FE-N	AE-R		EPA CONDUCTED FCE/ ON-SITE	
FZ-N	AZ-R		EPA CONDUCTED FCE/ OFF-SITE	
FF-N		AF-R	STATE CONDUCTED FCE/ OFF-SITE	
FS-N		AS-R	STATE CONDUCTED FCE/ ON-SITE	

INVESTIGATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AE-N *	JE-R		FEDERAL AIR TOXICS INVESTIGATION INITIATED	
AF-N	JF-R		FEDERAL AIR TOXICS INVESTIGATION COMPLETED	
EC-N	II-R		EPA INVESTIGATION CONDUCTED	
EI-N *	IE-R		EPA INVESTIGATION STARTED	
SC-N		IC-R	STATE INVESTIGATION CONDUCTED	
SI-N *		IS-R	STATE INVESTIGATION STARTED	

PARTIAL COMPLIANCE EVALUATIONS (PCE)-(Note: reporting State PCE's are currently an option.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AC-N	JC-R		FEDERAL AIR TOXICS ONSITE PCE	
AD-N	JD-R		FEDERAL AIR TOXICS OFFSITE PCE	
EE-N	AG-R		COMPLAINT ON-SITE PCE (EPA)	
EM-N	AL-R		PROCESS OFF-SITE PCE (EPA)	
EO-N	AB-R		ON-SITE PCE OBSERVATION (EPA)	
EP-N	AK-R		PERMIT ON-SITE PCE (EPA)	
ES-N	AC-R		EPA CONDUCTED PCE/ ON-SITE	
ES-N	M4-R		CEM SYSTEM TEST AUDIT	
ES-N	M6-R		ACID RAIN CEM SYSTEM REVIEW	
EX-N	AD-R		EPA CONDUCTED PCE/ OFF-SITE	
PC-N		AU-R	COMPLAINT ON-SITE PCE (STATE)	
PO-N		AT-R	ON-SITE PCE OBSERVATION (STATE)	
PP-N		AV-R	PERMIT ON-SITE PCE (STATE)	
PR-N		AW-R	PROCESS OFF-SITE PCE (STATE)	
PS-N		AP-R	STATE CONDUCTED PCE/ ON-SITE	
PX-N		AX-R	STATE CONDUCTED PCE/ OFF-SITE	
PX-N		UD-R	TV MONITORING REPORT DUE/RECEIVED	
PX-N		UT-R	TV MONITORING REPORT REVIEWED BY STATE	
PX-N		WX-R	EMISSION INVENTORY DUE/RECEIVED	
PX-N		WY-R	EMISSION INVENTORY REVIEWED BY STATE	

STACK TESTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2A-N	A8-R		EPA SOURCE TEST	Results Code:Pass(PP) or Fail(FF).Action PLLT.
2A-N	A9-R		SOURCE TEST OBSERVED BY EPA	Results Code:Pass(PP) or Fail(FF).Action PLLT.
TE-N	AN-R		EPA REQ (O/O COND) STACK TEST/NOT OBSVD BUT REVWD	Results code:Pass(PP) or Fail(FF).Action PLLT.
TO-N	AO-R		EPA REQ (O/O COND) STACK TEST/OBSERVED & REVIEWED	Results code:Pass(PP) or Fail(FF).Action PLLT.
TT-N	AY-R		EPA RECEIPT OF STACK TEST REPORT	
3A-N		B1-R	SOURCE TEST OBSERVED BY STATE	Results Code:Pass(PP) or Fail(FF).
6C-N		A7-R	STATE STACK TEST	Results Code:Pass(PP) or Fail(FF).
TR-N		AR-R	STATE REQ (O/O COND) STACK TEST/NOT OBSVD BUT REVD	Results code:Pass(PP) or Fail(FF).
TS-N		AQ-R	STATE RECEIPT OF STACK TEST REPORT	

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SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 07

NOTICE OF VIOLATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6A-N	L4-R		NOV ISSUED BY EPA	
6A-N	LV-R		LETTER OF VIOLATION	
6A-N	LW-R		LOW - LETTER OF WARNING	
6A-N	X9-R		FINDING OF VIOLATION-EPA	
7A-N	L0-R		NOTICE OF NON-COMPLIANCE	
7C-N		G5-R	NOV ISSUED BY STATE	
7C-N		GG-R	LOCAL NOV	
7C-N		WE-R	OPEN BURNING -NOTICE OF VIOLATION ISSUED	
7C-N		WF-R	NOTICE OF VIOLATION ISSUED, ERP REQUESTED	
7C-N		XB-R	LETTER OF VIOLATION-STATE	

FEDERAL ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6B-N	L6-R		FEDERAL COURT DECREE ISSUED	PAM1
7E-N	EA-R		EPA SECTION 167 ORDER	PAM1
7F-N	LP-R		113(D) ADMINISTRATIVE CIVIL COMPLAINT FILED	PAM1
8A-N	E1-R		113 ORDER ISSUED	PAM1
8A-N	E3-R		113 ORDER REVISED	PAM1
8A-N	E4-R		EPA 113A SIP VIOLATION ORDER ISSUED	PAM1
8A-N	E5-R		EPA 113A NON-SIP VIOLATION ORDER ISSUED	PAM1
AG-N	JG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	JH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
C2-N	LG-R		113(D) PENALTY RECALCULATED	PAM1
C3-N	LK-R		113(D) ADMINISTRATIVE PENALTY COLLECTED	PAM1

STATE ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: Orders include Penalty Notices,Compliance Notices,Agreed Orders,Compliance Administrative Orders, Consent Orders or Final Orders				
2D-N		G9-R	STATE CONSENT AGREEMENT ISSUED	PAM1(Total Assessed)
2D-N		H3-R	STATE COURT DECREE ISSUED	PAM1(Total Assessed)
8C-N		G6-R	STATE ORDER ISSUED	PAM1(Total Assessed)
8C-N		G7-R	REVISED STATE ORDER	PAM1(Total Assessed)
8C-N		GE-R	SETTLEMENT AGREEMENT	PAM1(Total Assessed)
8C-N		GZ-R	STATE ORDER FINAL ASSESSED CASH PENALTY	PAM1(Total Assessed)
8C-N		WD-R	ENFORCEMENT ORDER ISSUED BY COUNTY LOCAL PROGRAM	PAM1(Total Assessed)

CIVIL AND CRIMINAL REFERRALS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
4B-N *	L5-R		EPA CIVIL ACTION (REFERRAL)	PAM1
5B-N *	L8-R		EPA CRIMINAL ACTION	PAM1
7B-N *	L7-R		EPA CIVIL PENALTY	PAM1
AI-N *	JI-R		FEDERAL AIR TOXICS REFERRAL TO DOJ	PAM1
AJ-N	JJ-R		NONAPPLICABILITY OF AIR TOXIC REQUIREMENTS	PAM1
1D-N *		H5-R	STATE CRIMINAL ACTION	PAM1
1E-N *		CK-R	MACC PERMISSION TO REFER TO MO AG	PAM1
1E-N *		GA-R	STATE CIVIL REFERAL TO ST ATTORNEY GENERAL	PAM1
1E-N *		GL-R	CIVIL REFERRAL TO CITY/LOCAL GOVERNMENT ATTORNEY	PAM1
3D-N *		H4-R	STATE CIVIL PENALTY	PAM1
9C-N		H2-R	CIVIL ACTION BY STATE	PAM1

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SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 07

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - DAY ZERO AND LEAD CHANGES

Note: HPV cases contain a Day Zero action, Date Addressed, formal or informal action and Date Resolved. Any action can be linked.Comment on Day Zero documents type of Violation

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2B-N	OB-R	OB-R	DAY ZERO - SHARED ENFORCEMENT LEAD	PLC1, Lead Agency
2U-N	OU-R	OU-R	DAY ZERO - ENFORCEMENT LEAD IS UNASSIGNED	PLC1, Lead Agency
2Z-N	D0-R		FEDERAL DAY ZERO	PLC1, Lead Agency
DB-N	OS-R		LEAD CHANGES TO SHARED ENFORCEMENT	
DS-N	DS-R		LEAD CHANGED TO STATE ENFORCEMENT	
DY-N	CI-R		LEAD CHANGED TO FEDERAL ENFORCEMENT	
2E-N		CO-R	STATE DAY ZERO	PLC1, Lead Agency

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - ADDRESSING ACTIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2M-N	CF-R	CF-R	PROP SIP OR FIP REVISION WILL LEAD TO COMPLIANCE	
OT-N	OT-R	OT-R	OTHER ADDRESSING ACTION	PAM1(Total Assessed)
6B-N	L6-R		FEDERAL COURT DECREE ISSUED	PAM1
7A-N	L0-R		NOTICE OF NON-COMPLIANCE	
7E-N	EA-R		EPA SECTION 167 ORDER	
7F-N	LP-R		113(D) ADMINISTRATIVE CIVIL COMPLAINT FILED	PAM1
8A-N	E1-R		113 ORDER ISSUED	PAM1
8A-N	E3-R		113 ORDER REVISED	PAM1
8A-N	E4-R		EPA 113A SIP VIOLATION ORDER ISSUED	PAM1
8A-N	E5-R		EPA 113A NON-SIP VIOLATION ORDER ISSUED	PAM1
AG-N	JG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	JH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
2D-N		G9-R	STATE CONSENT AGREEMENT ISSUED	PAM1(Total Assessed)
2D-N		H3-R	STATE COURT DECREE ISSUED	PAM1(Total Assessed)
8C-N		G6-R	STATE ORDER ISSUED	PAM1(Total Assessed)
8C-N		G7-R	REVISED STATE ORDER	PAM1(Total Assessed)
8C-N		GE-R	SETTLEMENT AGREEMENT	PAM1(Total Assessed)
8C-N		GZ-R	STATE ORDER FINAL ASSESSED CASH PENALTY	PAM1(Total Assessed)
8C-N		WD-R	ENFORCEMENT ORDER ISSUED BY COUNTY LOCAL PROGRAM	PAM1(Total Assessed)
9C-N		H2-R	CIVIL ACTION BY STATE	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - HPV RESOLVED

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
C7-N	C7-R	C7-R	CLOSEOUT MEMO ISSUED	
VR-N	CD-R	CD-R	VIOLATION RESOLVED	
WD-N	CB-R	CB-R	113(D) WITHDRAWN	
7G-N	CE-R		SOUR RET TO COMPL BY US EPA W/ NO FURTHER ACT REQ	
C3-N	LK-R		113(D) ADMINISTRATIVE PENALTY COLLECTED	
2K-N		HB-R	SOUR RET TO COMPL BY STATE WITH NO FURTHER ACT REQ	

TITLE V SELF CERTIFICATIONS AND COMPLIANCE STATUS(Note: contains new CMS requirements.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
CC-N	UC-R	UC-R	TITLE V COMPLIANCE CERT DUE/RECEIVED BY EPA	DTS1=Due Date. DTA1=Received Date.
ER-N	UE-R		COMPLIANCE CERTIFICATION EPA REVIEW	Results Code:MV-in Violation,MC-in Compliance,MU-Unknown RDE8=Deviation,Y-Yes or N-No.
CB-N	UB-R		TITLE V COMPLIANCE CERT. DUE/RECEIVED BY ST/LOCAL	DTS1=Due Date. DTA1=Received Date.
SR-N		SR-R	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE	Results Code:MV-in violation, MC-in Compliance, MU-Unknown
SR-N		US-R	COMPLIANCE CERTIFICATION STATE REVIEW	Results Code:MV-in violation, MC-in Compliance, MU-Unknown

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 07

Title V Permit Program Data Elements and Events

AFS Acronym	Region Use	State Use	Description-Data	Additional
			Permitting Authority Name	FIPS Tables
PAFS			AFS Plant ID Number	
PAPN			Permit Number	
APC1			Permit Air Program Code	V
PLAP			Permit Pollutant Code	Facil
SCA1			Permit Program Compliance	Current
		DP	Draft Permit	Permit Number
		DQ	Draft Permit Modification	
		PP	Date Permit Recd By EPA	
		PM	Date Permit Mod Recd by EPA	
		PE	EPA 45-Day Review Period	System Generated
		IF	Date Permit Issued	
		IM	Date Permit Modification Issued	
		IR	Permit Renewal	
	PO		Date EPA Objects to Permit	
	PL		Date EPA Objects to Permit Mod	
	PG		Date EPA Denies Revised Permit	
	PH		Date EPA Denies Revised Mod	
	PT		Date Public Petitions EPA	
	PD		Date Public Petitions EPA - Mod	
	PQ		Date EPA Action - Public Petition	

Note: please reference http://www.epa.gov/compliance/resources/publications/data/systems/air/pmtpolcy.pdf for more information on the reporting of Title V data.

Data Elements for Subparts

AFS Acronym	Region	State Use	Description-Data Elements	Additional
SPT1 APC1=9	X	X (Optional)	40 CFR Part 60 (NSPS) Subparts- Air Program Code 9	Plant Lvl
SPT1 APC1=8	X	X (Optional)	40 CFR Part 61 (NonMACT NESHAP) Subparts-Air Program Code 8	Plant Lvl
SPT1 APC1=M	X	X (Optional)	40 CFR Part 63 (MACT NESHAP) Subparts-Air Program Code M	Plant Lvl
SPT1 APC1=0	X	X (Optional)	40 CFR Part 60 - Air Program Code 0	Plant Lvl
SPT1 APC1=1	X	X (Optional)	40 CFR Part 60 - Air Program Code 1	Plant Lvl

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 07

NON-APPLICABILITY DETERMINATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
NA-N	PA-R		EPA MACT FCE/PCE NON-APPLICABILITY DETERMINATION	
NM-N	PM-R		EPA MACT NON-APPLICABLE DETERM FOR INVESTIGATIONS	
NN-N	PN-R		EPA NSR/PSD NON-APPLICABLE DETERMINE-INVESTIGATION	

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 07

Title V Permit Program Data Elements and Events

AFS Acronym	Region Use	State Use	Description-Data	Additional
			Permitting Authority Name	FIPS Tables
PAFS			AFS Plant ID Number	
PAPN			Permit Number	
APC1			Permit Air Program Code	V
PLAP			Permit Pollutant Code	Facil
SCA1			Permit Program Compliance	Current
		DP	Draft Permit	Permit Number
		DQ	Draft Permit Modification	
		PP	Date Permit Recd By EPA	
		PM	Date Permit Mod Recd by EPA	
		PE	EPA 45-Day Review Period	System Generated
		IF	Date Permit Issued	
		IM	Date Permit Modification Issued	
		IR	Permit Renewal	
	PO		Date EPA Objects to Permit	
	PL		Date EPA Objects to Permit Mod	
	PG		Date EPA Denies Revised Permit	
	PH		Date EPA Denies Revised Mod	
	PT		Date Public Petitions EPA	
	PD		Date Public Petitions EPA - Mod	
	PQ		Date EPA Action - Public Petition	

Note: please reference http://www.epa.gov/compliance/resources/publications/data/systems/air/pmtpolcy.pdf for more information on the reporting of Title V data.

Data Elements for Subparts

AFS Acronym	Region	State Use	Description-Data Elements	Additional
SPT1 APC1=9	X	X (Optional)	40 CFR Part 60 (NSPS) Subparts- Air Program Code 9	Plant Lvl
SPT1 APC1=8	X	X (Optional)	40 CFR Part 61 (NonMACT NESHAP) Subparts-Air Program Code 8	Plant Lvl
SPT1 APC1=M	X	X (Optional)	40 CFR Part 63 (MACT NESHAP) Subparts-Air Program Code M	Plant Lvl
SPT1 APC1=0	X	X (Optional)	40 CFR Part 60 - Air Program Code 0	Plant Lvl
SPT1 APC1=1	X	X (Optional)	40 CFR Part 60 - Air Program Code 1	Plant Lvl

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 08

FULL COMPLIANCE EVALUATIONS (FCE)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AA-N	GA-R		FEDERAL AIR TOXICS ONSITE FCE	
AB-N	GB-R		FEDERAL AIR TOXICS OFFSITE FCE	
FE-N	FE-R		EPA CONDUCTED FCE/ON-SITE	
FZ-N	FZ-R		EPA CONDUCTED FCE/OFF-SITE	
FF-N		FF-R	STATE CONDUCTED FCE/OFF-SITE	
FS-N		FS-R	STATE CONDUCTED FCE/ON-SITE	

INVESTIGATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AE-N *	GE-R		FEDERAL AIR TOXICS INVESTIGATION INITIATED	
AF-N	GF-R		FEDERAL AIR TOXICS INVESTIGATION COMPLETED	
EC-N	EC-R		EPA INVESTIGATION CONDUCTED	
EI-N *	IE-R		EPA INVESTIGATION STARTED	
SC-N		SC-R	STATE INVESTIGATION CONDUCTED	
SI-N *		SI-R	STATE INVESTIGATION STARTED	

PARTIAL COMPLIANCE EVALUATIONS (PCE)-(Note: reporting State PCE's are currently an option.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AC-N	GC-R		FEDERAL AIR TOXICS ONSITE PCE	
AD-N	GD-R		FEDERAL AIR TOXICS OFFSITE PCE	
ES-N	ES-R		EPA PCE/ON-SITE	
EX-N	EX-R		EPA PCE/OFF-SITE	
PS-N		PS-R	STATE PCE/ON-SITE	
PX-N		PX-R	STATE PCE/OFF-SITE	

STACK TESTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
SS-N	SS-R		EPA NON-MDR STACK TEST	Results code:Pass(PP) or Fail(FF).Action PLLT.
TE-N	TE-R		EPA REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD	Results code:Pass(PP) or Fail(FF).Action PLLT.
TO-N	TO-R		EPA REQ (O/O COND) STACK TEST/OBSERVED & REVIEWED	Results code:Pass(PP) or Fail(FF).Action PLLT.
TT-N	TT-R		EPA RECEIPT OF STACK TEST REPORT	
3A-N		3A-R	STATE REQ (O/O COND) STACK TEST/OBSV & REVIEWED	Results Code:Pass(PP) or Fail(FF).
ST-N		ST-R	AGENCY NON-MDR STACK TEST	Results code:Pass(PP) or Fail(FF).Action PLLT.
TR-N		TR-R	STATE REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD	Results code:Pass(PP) or Fail(FF).
TS-N		TS-R	STATE RECEIPT OF STACK TEST REPORT	

NOTICE OF VIOLATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6A-N	L5-R		NOV ISSUED BY EPA	
7A-N	Z2-R		NOTICE OF NON-COMPLIANCE	
7C-N		L1-R	NOV ISSUED BY STATE	

FEDERAL ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6B-N	X3-R		FEDERAL CONSENT DECREE ISSUED	PAM1
7E-N	K1-R		EPA 167 PSD ORDER	PAM1
7F-N	AF-R		113 (D) ADMINISTRATIVE COMPLAINT FILED	PAM1
8A-N	57-R		EPA ABATEMENT ORDER ISSUED	PAM1
8A-N	Y1-R		EPA ADMINISTRATIVE ORDER ISSUED	PAM1
8A-N	Y2-R		EPA 113A NON-SIP VIOLATION ORDER ISSUED	PAM1
AG-N	GG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	GH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
C2-N	AD-R		113(D) APO RECALCULATED	PAM1
C3-N	A3-R		113(D) ADMINISTRATIVE PENALTY COLLECTED	PAM1

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 08

STATE ORDERS AND PENALTY AMOUNTS

Note: Orders include Penalty Notices,Compliance Notices,Agreed Orders,Compliance Administrative Orders, Consent Orders or Final Orders

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2D-N		X2-R	STATE COURT DECREE ISSUED	PAM1(Total Assessed)
8C-N		25-R	STATE CONSENT AGREEMENT ISSUED	PAM1(Total Assessed)
8C-N		X1-R	STATE ORDER ISSUED	PAM1(Total Assessed)

CIVIL AND CRIMINAL REFERRALS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
4B-N *	L6-R		EPA CIVIL ACTION_(REFERRAL)	PAM1
5B-N *	L7-R		EPA CRIMINAL ACTION	PAM1
7B-N *	Z6-R		EPA PENALTY SETTLEMENT	PAM1
AI-N *	GI-R		FEDERAL AIR TOXICS REFERRAL TO DOJ	PAM1
AJ-N	GJ-R		NONAPPLICABILITY OF AIR TOXIC REQUIREMENTS	PAM1
1D-N *		L3-R	STATE CRIMINAL ACTION	PAM1
1E-N *		K2-R	CIVIL REFERRAL TO STATE ATT. GENERAL	PAM1
3D-N *		Z4-R	STATE ADMINISTRATIVE PENALTY SETTLEMENT	PAM1
9C-N		L2-R	CIVIL ACTION BY STATE	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - DAY ZERO AND LEAD CHANGES

Note: HPV cases contain a Day Zero action, Date Addressed, formal or informal action and Date Resolved. Any action can be linked.Comment on Day Zero documents type of Violation

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2B-N	2B-R	2B-R	DAY ZERO - SHARED ENFORCEMENT LEAD	PLC1, Lead Agency
2U-N	2U-R	2U-R	DAY ZERO - ENFORCEMENT LEAD IS UNASSIGNED	PLC1, Lead Agency
2Z-N	60-R		FEDERAL DAY ZERO	PLC1, Lead Agency
DB-N	DB-R		LEAD CHANGED TO SHARED ENFORCEMENT	
DS-N	DS-R		LEAD CHANGED TO STATE ENFORCEMENT	
DY-N	EL-R		LEAD CHANGED TO FEDERAL ENFORCEMENT	
2E-N		64-R	STATE DAY ZERO	PLC1, Lead Agency

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - ADDRESSING ACTIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2M-N	V5-R	V5-R	PROPOSED SIP OR FIP REVISE WILL LEAD TO COMPLIANCE	
OT-N	OT-R	OT-R	OTHER ADDRESSING ACTION	PAM1(Total Assessed)
6B-N	X3-R		FEDERAL CONSENT DECREE ISSUED	PAM1
7A-N	Z2-R		NOTICE OF NON-COMPLIANCE	
7E-N	K1-R		EPA 167 PSD ORDER	
7F-N	AF-R		113 (D) ADMINISTRATIVE COMPLAINT FILED	PAM1
8A-N	57-R		EPA ABATEMENT ORDER ISSUED	PAM1
8A-N	Y1-R		EPA ADMINISTRATIVE ORDER ISSUED	PAM1
8A-N	Y2-R		EPA 113A NON-SIP VIOLATION ORDER ISSUED	PAM1
AG-N	GG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	GH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
2D-N		X2-R	STATE COURT DECREE ISSUED	PAM1(Total Assessed)
8C-N		25-R	STATE CONSENT AGREEMENT ISSUED	PAM1(Total Assessed)
8C-N		X1-R	STATE ORDER ISSUED	PAM1(Total Assessed)
9C-N		L2-R	CIVIL ACTION BY STATE	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - HPV RESOLVED

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
C7-N	DC-R	DC-R	CLOSEOUT MEMO ISSUED	
VR-N	V2-R	V2-R	VIOLATION RESOLVED	
WD-N	AW-R	AW-R	WITHDRAWAL	
7G-N	V3-R		SOURCE RET TO COMPL BY EPA W/ NO FURTHER ACT REQ	
C3-N	A3-R		113(D) ADMINISTRATIVE PENALTY COLLECTED	
2K-N		V4-R	SOURCE RET TO COMPL BY STATE W/ NO FURTHER ACT REQ	

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 08

TITLE V SELF CERTIFICATIONS AND COMPLIANCE STATUS(Note: contains new CMS requirements.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
CC-N	CC-R	CC-R	TITLE V COMPLIANCE CERT. DUE/RECEIVED BY EPA	DTS1=Due Date. DTA1=Received Date.
ER-N	VE-R		COMPLIANCE CERTIFICATION EPA REVIEW	Results Code:MV-in Violation,MC-in Compliance,MU-Unknown RDE8=Deviation,Y-Yes or N-No.
CB-N	CB-R		TV ANN COMPLIANCE CERT DUE/RECVD BY STATE/LOCAL	DTS1=Due Date. DTA1=Received Date.
SR-N		VS-R	COMPLIANCE CERTIFICATION STATE REVIEW	Results Code:MV-in violation, MC-in Compliance, MU-Unknown

NON-APPLICABILITY DETERMINATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
NA-N	NA-R		EPA MACT FCE/PCE NON-APPLICABILITY DETERMINATION	
NM-N	NM-R		EPA MACT NON-APPLICABLE DETERM FOR INVESTIGATIONS	
NN-N	NN-R		EPA NSR/PSD NON-APPLICABLE DETERMINE-INVESTIGATION	

Title V Permit Program Data Elements and Events

AFS Acronym	Region Use	State Use	Description-Data	Additional
			Permitting Authority Name	FIPS Tables
PAFS			AFS Plant ID Number	
PAPN			Permit Number	
APC1			Permit Air Program Code	V
PLAP			Permit Pollutant Code	Facil
SCA1			Permit Program Compliance	Current
		DP	Draft Permit	Permit Number
		DQ	Draft Permit Modification	
		PP	Date Permit Recd By EPA	
		PM	Date Permit Mod Recd by EPA	
		PE	EPA 45-Day Review Period	System Generated
		IF	Date Permit Issued	
		IM	Date Permit Modification Issued	
		IR	Permit Renewal	
	PO		Date EPA Objects to Permit	
	PL		Date EPA Objects to Permit Mod	
	PG		Date EPA Denies Revised Permit	
	PH		Date EPA Denies Revised Mod	
	PT		Date Public Petitions EPA	
	PD		Date Public Petitions EPA - Mod	
	PQ		Date EPA Action - Public Petition	

Note: please reference http://www.epa.gov/compliance/resources/publications/data/systems/air/pmtpolcy.pdf for more information on the reporting of Title V data.

Data Elements for Subparts

AFS Acronym	Region	State Use	Description-Data Elements	Additional
SPT1 APC1=9	X	X (Optional)	40 CFR Part 60 (NSPS) Subparts- Air Program Code 9	Plant Lvl
SPT1 APC1=8	X	X (Optional)	40 CFR Part 61 (NonMACT NESHAP) Subparts-Air Program Code 8	Plant Lvl
SPT1 APC1=M	X	X (Optional)	40 CFR Part 63 (MACT NESHAP) Subparts-Air Program Code M	Plant Lvl
SPT1 APC1=0	X	X (Optional)	40 CFR Part 60 - Air Program Code 0	Plant Lvl
SPT1 APC1=1	X	X (Optional)	40 CFR Part 60 - Air Program Code 1	Plant Lvl

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 09

FULL COMPLIANCE EVALUATIONS (FCE)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AA-N	EA-R		FEDERAL AIR TOXICS ONSITE FCE	
AB-N	EB-R		FEDERAL AIR TOXICS OFFSITE FCE	
FE-N	BX-R		FULL COMPLIANCE EVALUATION BY EPA	
FZ-N	BY-R		FULL COMPLIANCE EVALUATION OFFSITE BY EPA	
FF-N		JX-R	FULL COMPLIANCE EVALUATION OFFSITE BY STATE	
FF-N		RX-R	FULL COMPLIANCE EVALUATION OFFSITE BY LOCAL	
FS-N		JY-R	FULL COMPLIANCE EVALUATION BY STATE	
FS-N		RY-R	FULL COMPLIANCE EVALUATION BY LOCAL - ONSITE	

INVESTIGATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AE-N *	EE-R		FEDERAL AIR TOXICS INVESTIGATION INITIATED	
AF-N	EF-R		FEDERAL AIR TOXICS INVESTIGATION COMPLETED	
EC-N	CE-R		EPA INVESTIGATION CONDUCTED	
EI-N *	CD-R		EPA INVESTIGATION STARTED	
SC-N		LD-R	STATE INVESTIGATION CONDUCTED	
SC-N		UD-R	LOCAL INVESTIGATION CONDUCTED	
SI-N *		LC-R	STATE INVESTIGATION STARTED	
SI-N *		UC-R	LOCAL INVESTIGATION STARTED	

PARTIAL COMPLIANCE EVALUATIONS (PCE)-(Note: reporting State PCE's are currently an option.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AC-N	EC-R		FEDERAL AIR TOXICS ONSITE PCE	
AD-N	ED-R		FEDERAL AIR TOXICS OFFSITE PCE	
ES-N	CJ-R		EPA PARTIAL INSPECTION ON-SITE	
EX-N	CK-R		EPA PARTIAL INSPECTION OFF-SITE	
PS-N		JV-R	PARTIAL ONSITE VISIT BY STATE	
PS-N		RV-R	PARTIAL ONSITE VISIT BY LOCAL	
PX-N		IL-R	STATE CEM, EER, TEST DATA REVIEW	
PX-N		JW-R	PARTIAL OFFSITE REVIEW BY STATE	
PX-N		JZ-R	RATA - STATE	
PX-N		LE-R	REVIEWED THROUGHPUT REPORTS-STATE	
PX-N		LF-R	REVIEWED ANNUAL EMISSION SUMMARY REPORTS-STATE	
PX-N		LG-R	REVIEWED BREAKDOWN/EXCESS EMISSIONS REPORTS-STATE	
PX-N		NT-R	SEMI-ANNUAL TITLE V CERTIFICATION RCVD - STATE	
PX-N		NV-R	QUARTERLY TITLE V CERTIFICATION RECEIVED - STATE	
PX-N		RC-R	PARTIAL OFFSITE REVIEW/LOCAL (INTERIM TOWARDS FCE)	
PX-N		RW-R	PARTIAL OFFSITE REVIEW BY LOCAL	
PX-N		SQ-R	RATA - DISTRICT	
PX-N		SS-R	REVIEWED ANNUAL THROUGHPUT REPORTS-DISTRICT	
PX-N		ST-R	REVIEWED ANNUAL EMISSION SUMMARY REPORTS-DISTRICT	
PX-N		SU-R	REVIEWED BREAKDOWN/EXCESS EMISSIONS REPORTS-DISTR.	
PX-N		TT-R	SEMI-ANNUAL TITLE V CERT RECEIVED - DISTRICT	
PX-N		TV-R	QUARTERLY TITLE V CERTIFICATION RECEIVED – STATE	

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 09

STACK TESTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2A-N	AL-R		SOURCE TEST WITNESSED BY EPA	Results Code:Pass(PP) or Fail(FF).Action PLLT.
TE-N	CI-R		EPA REVIEWS A SOURCE TEST	Results code:Pass(PP) or Fail(FF).Action PLLT.
TO-N	CH-R		EPA OBSERVED SOURCE TEST	Results code:Pass(PP) or Fail(FF).Action PLLT.
3A-N		IK-R	STATE SOURCE TEST OBSERVED	Results Code:Pass(PP) or Fail(FF).
3A-N		RZ-R	DISTRICT REQ(O/O COND) SRCE TEST OBSERVD & REVIEWD	Results Code:Pass(PP) or Fail(FF).
6C-N		JU-R	SOURCE TEST CONDUCTED BY STATE	Results Code:Pass(PP) or Fail(FF).
6C-N		RJ-R	DISTRICT SOURCE TEST CONDUCTED	Results Code:Pass(PP) or Fail(FF).
6C-N		RU-R	LOCAL SOURCE TEST_CONDUCTED	Results Code:Pass(PP) or Fail(FF).
TR-N		JT-R	SOURCE TEST REVIEW BY STATE	Results code:Pass(PP) or Fail(FF).
TR-N		RT-R	SOURCE TEST REVIEW BY LOCAL	Results code:Pass(PP) or Fail(FF).

NOTICE OF VIOLATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6A-N	BB-R		EPA NOV ISSUED	
7A-N	B2-R		EPA SECTION 120 NOTICE OF NONCOMPLIANCE	
7C-N		J8-R	STATE NOV ISSUED	
7C-N		S8-R	DISTRICT NOV ISSUED	

FEDERAL ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6B-N	BT-R		EPA CONSENT DECREE	PAM1
7E-N	BO-R		EPA SECTION 167 ORDER ISSUED	PAM1
7F-N	BE-R		EPA SECTION (D) PENALTY ORDER FILED	PAM1
7F-N	BF-R		EPA 113(D) ADMINISTRATIVE COMPLAINT	PAM1
7F-N	C4-R		NOTICE OF DETERMINATION ISSUED	PAM1
8A-N	BC-R		EPA 113 ORDER ISSUED	PAM1
AG-N	EG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	EH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
C2-N	BK-R		113D APO PENALTY RECALCULATED	PAM1
C3-N	BL-R		113D APO PENALTY COLLECTED	PAM1

STATE ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: Orders include Penalty Notices,Compliance Notices,Agreed Orders,Compliance Administrative Orders, Consent Orders or Final Orders				
2D-N		JK-R	STATE CONSENT DECREE	PAM1(Total Assessed)
2D-N		SK-R	DISTRICT CONSENT DECREE	PAM1(Total Assessed)
8C-N		J4-R	STATE NON ORDER REQUIRES COMPLIANCE	PAM1(Total Assessed)
8C-N		JE-R	STATE ADMINISTRATIVE COMPLAINT ORDER	PAM1(Total Assessed)
8C-N		JG-R	STATE MS HEARING ORDERS COMPLIANCE	PAM1(Total Assessed)
8C-N		JH-R	STATE ABATEMENT ORDER	PAM1(Total Assessed)
8C-N		JP-R	STATE LETTER ORDERS COMPLIANCE	PAM1(Total Assessed)
8C-N		S4-R	LOCAL NON ORDER REQUIRES COMPLIANCE	PAM1(Total Assessed)
8C-N		SE-R	LOCAL ADMINISTRATIVE COMPLAINT ORDER	PAM1(Total Assessed)
8C-N		SG-R	LOCAL MS HEARING ORDERS COMPLIANCE	PAM1(Total Assessed)
8C-N		SH-R	DISTRICT ABATEMENT ORDER	PAM1(Total Assessed)
8C-N		SP-R	LOCAL LETTER ORDERS COMPLIANCE	PAM1(Total Assessed)

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SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 09

CIVIL AND CRIMINAL REFERRALS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
4B-N	BQ-R		EPA CIVIL ACTION_(REFERRAL)	PAM1
5B-N	BS-R		EPA CRIMINAL ACTION	PAM1
7B-N	BR-R		EPA CIVIL PENALTY ASSESSED	PAM1
AI-N	EI-R		FEDERAL AIR TOXICS REFERRAL TO DOJ	PAM1
AJ-N	EJ-R		NONAPPLICABILITY OF AIR TOXIC REQUIREMENTS	PAM1
1D-N		JJ-R	STATE CRIMINAL ACTION	PAM1
1D-N		SJ-R	DISTRICT CRIMINAL ACTION	PAM1
1E-N		JN-R	STATE REFERRAL TO ATTORNEY GENERAL	PAM1
1E-N		SN-R	DISTRICT CIVIL REFERRAL TO AG	PAM1
3D-N *		JM-R	STATE CIVIL PENALTY	PAM1
3D-N *		SM-R	DISTRICT CIVIL PENALTY ASSESSED	PAM1
9C-N		JI-R	STATE CIVIL ACTION	PAM1
9C-N		SI-R	DISTRICT CIVIL ACTION	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - DAY ZERO AND LEAD CHANGES

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: HPV cases contain a Day Zero action, Date Addressed, formal or informal action and Date Resolved. Any action can be linked.Comment on Day Zero documents type of Violation				
2B-N	CB-R	CB-R	DAY ZERO - SHARED ENFORCEMENT LEAD	PLC1, Lead Agency
2U-N	CC-R	CC-R	DAY ZERO - ENFORCEMENT LEAD IS UNASSIGNED	PLC1, Lead Agency
2Z-N	B5-R		EPA "DAY ZERO" (STARTS SV CLOCK)	PLC1, Lead Agency
DB-N	CA-R		LEAD CHANGED TO SHARED ENFORCEMENT	
DS-N	C0-R		LEAD CHANGED TO STATE ENFORCEMENT	
DY-N	B9-R		LEAD CHANGED TO FEDERAL ENFORCEMENT	
2E-N		J9-R	DAY ZERO BY STATE FOR AN SV	PLC1, Lead Agency
2E-N		S9-R	DISTRICT DAY 0 FOR SV	PLC1, Lead Agency

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - ADDRESSING ACTIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
2M-N	AS-R	AS-R	PROPOSED SIP/FIP REVISION TO COMPLIANCE	
2M-N	DP-R	DP-R	FIP REVISION	
2M-N	MO-R	MO-R	STATE SIP REVISION	
OT-N	C3-R		OTHER EPA ADDRESSING ACTION	PAM1(Total Assessed)
OT-N	JR-R	JR-R	OTHER STATE ADDRESSING ACTION	PAM1(Total Assessed)
OT-N	SR-R	SR-R	OTHER DISTRICT ADDRESSING ACTION	PAM1(Total Assessed)
6B-N	BT-R		EPA CONSENT DECREE	PAM1
7A-N	B2-R		EPA SECTION 120 NOTICE OF NONCOMPLIANCE	
7E-N	BO-R		EPA SECTION 167 ORDER ISSUED	
7F-N	BE-R		EPA SECTION (D) PENALTY ORDER FILED	PAM1
7F-N	BF-R		EPA 113(D) ADMINISTRATIVE COMPLAINT	PAM1
7F-N	C4-R		NOTICE OF DETERMINATION ISSUED	PAM1
8A-N	BC-R		EPA 113 ORDER ISSUED	PAM1
AG-N	EG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	EH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
2D-N		JK-R	STATE CONSENT DECREE	PAM1(Total Assessed)
2D-N		SK-R	DISTRICT CONSENT DECREE	PAM1(Total Assessed)
2L-N	DO-R		EPA ISSUES SOURCE SPECIFIC REV	
2L-N		IO-R	STATE PROPOSED SIP REVISION	
2L-N		RN-R	DISTRICT SIP REVISION LEADS TO COMPLIANCE	
8C-N		J4-R	STATE NON ORDER REQUIRES COMPLIANCE	PAM1(Total Assessed)
8C-N		JE-R	STATE ADMINISTRATIVE COMPLAINT ORDER	PAM1(Total Assessed)
8C-N		JG-R	STATE MS HEARING ORDERS COMPLIANCE	PAM1(Total Assessed)
8C-N		JH-R	STATE ABATEMENT ORDER	PAM1(Total Assessed)
8C-N		JP-R	STATE LETTER ORDERS COMPLIANCE	PAM1(Total Assessed)
8C-N		S4-R	LOCAL NON ORDER REQUIRES COMPLIANCE	PAM1(Total Assessed)
8C-N		SE-R	LOCAL ADMINISTRATIVE COMPLAINT ORDER	PAM1(Total Assessed)
8C-N		SG-R	LOCAL MS HEARING ORDERS COMPLIANCE	PAM1(Total Assessed)
8C-N		SH-R	DISTRICT ABATEMENT ORDER	PAM1(Total Assessed)
8C-N		SP-R	LOCAL LETTER ORDERS COMPLIANCE	PAM1(Total Assessed)
9C-N		JI-R	STATE CIVIL ACTION	PAM1
9C-N		SI-R	DISTRICT CIVIL ACTION	PAM1

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 09

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - HPV RESOLVED

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
VR-N	BV-R		EPA SV RESOLVED	
VR-N		JO-R	STATE SV RESOLVED	
VR-N		SO-R	DISTRICT SV RESOLVED	
WD-N	BG-R	BG-R	EPA SECTION 113 (D) ACTION WITHDRAWN	
7G-N	A8-R		SOURCE RETURNED TO COMPLIANCE NFA (EPA)	
C3-N	BL-R		113D APO PENALTY COLLECTED	
2K-N		I7-R	STATE COMPLIANCE NFA	
2K-N		R7-R	LOCAL COMPLIANCE NFA	

TITLE V SELF CERTIFICATIONS AND COMPLIANCE STATUS(Note: contains new CMS requirements.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
CC-N	CG-R		EPA TITLE V CERTIFICATION DUE/RECEIVED	DTS1=Due Date. DTA1=Received Date.
ER-N	CF-R		EPA TITLE V CERTIFICATION REVIEW	Results Code:MV-in Violation,MC-in Compliance,MU-Unknown RDE8=Deviation,Y-Yes or N-No.
CB-N	JQ-R		TV ANNUAL COMPL. CERT DUE/RECVD BY STATE	DTS1=Due Date. DTA1=Received Date.
CB-N		RR-R	TV ANNUAL COMPLIANCE CERT DUE/RECVD BY DISTRICT	DTS1=Due Date. DTA1=Received Date.
SR-N		JS-R	TITLE V CERTIFICATION REVIEW - STATE	Results Code:MV-in violation, MC-in Compliance, MU-Unknown
SR-N		RS-R	TITLE V CERTIFICATION REVIEW - LOCAL	Results Code:MV-in violation, MC-in Compliance, MU-Unknown

NON-APPLICABILITY DETERMINATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
NA-N	CP-R		APPLICABLE MACT	
NM-N	CQ-R		NON-APPLICABLE MACT	

Title V Permit Program Data Elements and Events

AFS Acronym	Region Use	State Use	Description-Data	Additional
			Permitting Authority Name	FIPS Tables
PAFS			AFS Plant ID Number	
PAPN			Permit Number	
APC1			Permit Air Program Code	V
PLAP			Permit Pollutant Code	Facil
SCA1			Permit Program Compliance	Current
		DP	Draft Permit	Permit Number
		DQ	Draft Permit Modification	
		PP	Date Permit Recd By EPA	
		PM	Date Permit Mod Recd by EPA	
		PE	EPA 45-Day Review Period	System Generated
		IF	Date Permit Issued	
		IM	Date Permit Modification Issued	
		IR	Permit Renewal	
	PO		Date EPA Objects to Permit	
	PL		Date EPA Objects to Permit Mod	
	PG		Date EPA Denies Revised Permit	
	PH		Date EPA Denies Revised Mod	
	PT		Date Public Petitions EPA	
	PD		Date Public Petitions EPA - Mod	
	PQ		Date EPA Action - Public Petition	

Note: please reference http://www.epa.gov/compliance/resources/publications/data/systems/air/pmtpolcy.pdf for more information on the reporting of Title V data.

Data Elements for Subparts

AFS Acronym	Region	State Use	Description-Data Elements	Additional
SPT1 APC1=9	X	X (Optional)	40 CFR Part 60 (NSPS) Subparts- Air Program Code 9	Plant Lvl
SPT1 APC1=8	X	X (Optional)	40 CFR Part 61 (NonMACT NESHAP) Subparts-Air Program Code 8	Plant Lvl
SPT1 APC1=M	X	X (Optional)	40 CFR Part 63 (MACT NESHAP) Subparts-Air Program Code M	Plant Lvl
SPT1 APC1=0	X	X (Optional)	40 CFR Part 60 - Air Program Code 0	Plant Lvl
SPT1 APC1=1	X	X (Optional)	40 CFR Part 60 - Air Program Code 1	Plant Lvl

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 10

FULL COMPLIANCE EVALUATIONS (FCE)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AA-N	AA-R		FEDERAL AIR TOXICS ONSITE FCE	
AB-N	AB-R		FEDERAL AIR TOXICS OFFSITE FCE	
FE-N	2Y-R		EPA MULTIMEDIA FCE - ONSITE	
FE-N	FE-R		EPA CONDUCTED FULL COMPLIANCE EVALUATION/ ON-SITE	
FZ-N	FZ-R		EPA CONDUCTED FULL COMPLIANCE EVALUATION/OFF-SITE	
FF-N		1A-R	AK-CONDUCTED FULL COMPLIANCE EVALUATION - OFFSITE	
FF-N		FF-R	STATE/LOCAL CONDUCTED FCE / OFF-SITE	
FS-N		2C-R	AK-CONDUCTED FULL COMPLIANCE EVALUATION - ONSITE	
FS-N		CC-R	OR STATE INSPEC-COMMITTED COMPREHEN. COMP. ON-SITE	
FS-N		CN-R	OREGON STATE INSPEC-NONCOM COMPREHEN. COMP ON-SITE	
FS-N		FS-R	STATE/LOCAL CONDUCTED FCE - ONSITE	

INVESTIGATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AE-N *	AE-R		FEDERAL AIR TOXICS INVESTIGATION INITIATED	
AF-N	AF-R		FEDERAL AIR TOXICS INVESTIGATION COMPLETED	
EC-N	EC-R		EPA INVESTIGATION CONDUCTED	
EI-N *	EI-R		EPA INVESTIGATION INITIATED	
SC-N		SC-R	STATE/LOCAL INVESTIGATION CONDUCTED	
SI-N *		SI-R	STATE/LOCAL INVESTIGATION INITIATED	

PARTIAL COMPLIANCE EVALUATIONS (PCE)-(Note: reporting State PCE's are currently an option.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
AC-N	AC-R		FEDERAL AIR TOXICS ONSITE PCE	
AD-N	AD-R		FEDERAL AIR TOXICS OFFSITE PCE	
ES-N	2F-R		EPA-MULTIMEDIA PCE/ON-SITE	
ES-N	ES-R		EPA PARTIAL COMPLIANCE EVALUATION ON-SITE	
EX-N	ED-R		EPA PARTIAL COMPLIANCE EVALUATION- SELF DISCLOSURE	
EX-N	EX-R		EPA PARTIAL COMPLIANCE EVALUATION OFF-SITE	
PS-N		PS-R	STATE/LOCAL PARTIAL COMPLIANCE EVALUATION - ONSITE	
PX-N		6A-R	AK-FACILITY OPRPT-THOROUGH REVIEW PCE OFFSITE	
PX-N		80-R	AK-PREAPP. LIMIT FUEL USAGE REPORT - PCE/OFFSITE	
PX-N		81-R	AK-ORL ANNUAL COMPLIANCE CERT - PCE OFFSITE	
PX-N		83-R	AK-SEMI-ANN. OPRPT/GENERAL PERMIT/PCE OFFSITE	
PX-N		99-R	AK-ANNUAL COMPLIANCE CERTIFICATION - PCE/OFFSITE	
PX-N		PX-R	STAE/LOCAL PARTIAL COMPLIANCE EVALUATION – OFFSITE	

STACK TESTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
SS-N	SS-R		EPA NON-MDR STACK TEST	Results code:Pass(PP) or Fail(FF).Action PLLT.
TE-N	TE-R		EPA REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD	Results code:Pass(PP) or Fail(FF).Action PLLT.
TO-N	TO-R		EPA REQD (/O COND) STACK TEST/OBSERVED & REVIEWED	Results code:Pass(PP) or Fail(FF).Action PLLT.
3A-N		23-R	S/L REQD (O/O CONDUCTED) STACK TEST OBSV & REVIEWD	Results Code:Pass(PP) or Fail(FF).
ST-N		SL-R	AGENCY NON-MDR STACK TEST	Results code:Pass(PP) or Fail(FF).Action PLLT.
TR-N		59-R	AK-STACK TEST REQ (O/O COND) NOT OBSV BUT REVIEWED	Results code:Pass(PP) or Fail(FF).
TR-N		TR-R	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD	Results code:Pass(PP) or Fail(FF).

NOTICE OF VIOLATIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6A-N	48-R		FINDING A VIOLATION	
6A-N	L5-R		NOV ISSUED BY EPA	
7A-N	7A-R		EPA NOTICE OF NON-COMPLIANCE (SECTION 120)	
7C-N		2N-R	NWAPA/WA - WARNING LETTER	
7C-N		84-R	IDAHO - NOV ISSUED	
7C-N		91-R	LOCAL AGENCY NOTICE OF VIOLATION	
7C-N		96-R	OR - NOTICE OF NON-COMPLIANCE	
7C-N		L1-R	NOV ISSUED BY STATE	

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 10

FEDERAL ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
6B-N	12-R		FEDERAL CONSENT AGREEMENT SIGNED	PAM1
6B-N	X3-R		FEDERAL COURT DECREE ISSUED	PAM1
7E-N	60-R		167 STOP CONSTRUCTION ORDER	PAM1
7F-N	7F-R		113D APO COMPLAINT FILED.	PAM1
8A-N	78-R		COMPLIANCE ORDER 113 FINAL/ISSUED	PAM1
AG-N	AG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	AH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1

STATE ORDERS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: Administrative Orders include Penalty Notices,Compliance Notices,Agreed Orders,Compliance Administrative Orders, Consent Orders or Final Orders				
2D-N		9A-R	PSCAA/WA - JUDICIAL REFERRAL	PAM1(Total Assessed)
2D-N		LA-R	STATE CONSENT AGREEMENT ISSUED	PAM1(Total Assessed)
2D-N		X2-R	STATE COURT ORDER ISSUED	PAM1(Total Assessed)
8C-N		09-R	WA-CIVIL PENALTIES(FORMAL ENFORCE DOC W/PENALTIES)	PAM1(Total Assessed)
8C-N		13-R	PSCAA/WA - ASSURANCE OF DISCONTINUANCE	PAM1(Total Assessed)
8C-N		2G-R	WA/CRO - NOTICE OF PENALTY	PAM1(Total Assessed)
8C-N		2P-R	NWAPA/WA - IMPOSITION OF PENALTY	PAM1(Total Assessed)
8C-N		2Q-R	NWAPA/WA - ASSURANCE OF DISCONTINUANCE	PAM1(Total Assessed)
8C-N		2R-R	SCAPCA/WA-NOTICE & ORDER OF ASSESSMENT	PAM1(Total Assessed)
8C-N		37-R	AK - COMPLIANCE ORDERS BY CONSENT (COBC)	PAM1(Total Assessed)
8C-N		61-R	IDAHO - CONSENT ORDER ISSUED	PAM1(Total Assessed)
8C-N		7D-R	ALASKA-SETTLEMENT AGREEMENT	PAM1(Total Assessed)
8C-N		93-R	MUTUAL AGREEMENT & ORDER (MAO)	PAM1(Total Assessed)
8C-N		94-R	OREGON DEPARTMENT ORDER	PAM1(Total Assessed)
8C-N		97-R	OREGON CIVIL PENALTY	PAM1(Total Assessed)
8C-N		9F-R	ORCAA-NOTICE OF CIVIL PENALTY ASSESSMENT	PAM1(Total Assessed)
8C-N		A1-R	ALASKA - NUISANCE ABATEMENT ORDER	PAM1(Total Assessed)
8C-N		A2-R	ALASKA - EMERGENCY ORDER	PAM1(Total Assessed)
8C-N		IN-R	WDOE/ERO ISSUANCE OF NOTICE OF PENALTY ACTION	PAM1(Total Assessed)
8C-N		X1-R	STATE ORDER ISSUED	PAM1(Total Assessed)
8C-N		X4-R	ID-NOV W/PENALTY-RESOLVES W/O CONCENT ORDER OR CIV	PAM1(Total Assessed)
8C-N		XI-R	113(A)(1)SIP ORDER ISSUED BY STATE	PAM1(Total Assessed)

CIVIL AND CRIMINAL REFERRALS AND PENALTY AMOUNTS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
4B-N *	22-R		REFER TO JUSTICE DEPARTMENT	PAM1
4B-N *	L6-R		EPA CIVIL ACTION (REFERRAL)	PAM1
AI-N *	AI-R		FEDERAL AIR TOXICS REFERRAL TO DOJ	PAM1
AJ-N	AJ-R		NONAPPLICABILITY OF AIR TOXIC REQUIREMENT	PAM1
1D-N *		L3-R	STATE CRIMINAL ACTION	PAM1
1E-N *		LB-R	STATE CIVIL REFERAL TO ST ATTORNEY GENERAL	PAM1
3D-N *		88-R	STATE CIVIL PENALTY ASSESSMENT	PAM1
9C-N *		11-R	PSCAA/WA-INJUNCTIVE RELIEF	PAM1
9C-N		L2-R	CIVIL ACTION BY STATE	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - DAY ZERO AND LEAD CHANGES

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
Note: HPV cases contain a Day Zero action, Date Addressed, formal or informal action and Date Resolved. Any action can be linked.Comment on Day Zero documents type of violation				
2B-N	2B-R	2B-R	DAY ZERO - SHARED ENFORCEMENT LEAD	PLC1, Lead Agency
2U-N	2U-R	2U-R	DAY ZERO - ENFORCEMENT LEAD IS UNASSIGNED	PLC1, Lead Agency
2Z-N	2Z-R		FEDERAL DAY ZERO	PLC1, Lead Agency
DB-N	DB-R		LEAD CHANGED TO SHARED ENFORCEMENT	
DS-N	DS-R		LEAD CHANGED TO STATE ENFORCEMENT	
DY-N	DY-R		LEAD CHANGED TO FEDERAL ENFORCEMENT	
2E-N		SV-R	SV STATE DAY 0	PLC1, Lead Agency

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

SUGGESTED ACTION TYPES FOR AFS REPORTING: REGION 10

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - ADDRESSING ACTIONS

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
OT-N	OT-R	OT-R	OTHER ADDRESSING ACTION	PAM1(Total Assessed)
6B-N	12-R		FEDERAL CONSENT AGREEMENT SIGNED	PAM1
6B-N	X3-R		FEDERAL COURT DECREE ISSUED	PAM1
7A-N	7A-R		EPA NOTICE OF NON-COMPLIANCE (SECTION 120)	
7E-N	60-R		167 STOP CONSTRUCTION ORDER	
7F-N	7F-R		113D APO COMPLAINT FILED.	PAM1
8A-N	78-R		COMPLIANCE ORDER 113 FINAL/ISSUED	PAM1
AG-N	AG-R		FEDERAL AIR TOXICS ADMINISTRATIVE ORDER	PAM1
AH-N	AH-R		FEDERAL AIR TOXICS ADMINISTRATIVE PENALTY ORDER	PAM1
2D-N		LA-R	STATE CONSENT AGREEMENT ISSUED	PAM1(Total Assessed)
2D-N		X2-R	STATE COURT ORDER ISSUED	PAM1(Total Assessed)
8C-N		09-R	WA-CIVIL PENALTIES(FORMAL ENFORCE DOC W/PENALTIES)	PAM1(Total Assessed)
8C-N		13-R	PSCAA/WA - ASSURANCE OF DISCONTINUANCE	PAM1(Total Assessed)
8C-N		2G-R	WA/CRO - NOTICE OF PENALTY	PAM1(Total Assessed)
8C-N		2R-R	SCAPCA/WA-NOTICE & ORDER OF ASSESSMENT	PAM1(Total Assessed)
8C-N		37-R	AK - COMPLIANCE ORDERS BY CONSENT (COBC)	PAM1(Total Assessed)
8C-N		61-R	IDAHO - CONSENT ORDER ISSUED	PAM1(Total Assessed)
8C-N		7D-R	ALASKA-SETTLEMENT AGREEMENT	PAM1(Total Assessed)
8C-N		93-R	MUTUAL AGREEMENT & ORDER (MAO)	PAM1(Total Assessed)
8C-N		94-R	OREGON DEPARTMENT ORDER	PAM1(Total Assessed)
8C-N		9F-R	ORCAA-NOTICE OF CIVIL PENALTY ASSESSMENT	PAM1(Total Assessed)
8C-N		A1-R	ALASKA - NUISANCE ABATEMENT ORDER	PAM1(Total Assessed)
8C-N		A2-R	ALASKA - EMERGENCY ORDER	PAM1(Total Assessed)
8C-N		IN-R	WDOE/ERO ISSUANCE OF NOTICE OF PENALTY ACTION	PAM1(Total Assessed)
8C-N		X1-R	STATE ORDER ISSUED	PAM1(Total Assessed)
8C-N		X4-R	ID-NOV W/PENALTY-RESOLVES W/O CONCENT ORDER OR CIV	PAM1(Total Assessed)
8C-N		XI-R	113(A)(1)SIP ORDER ISSUED BY STATE	PAM1(Total Assessed)
9C-N		11-R	PSCAA/WA-INJUNCTIVE RELIEF	PAM1
9C-N		L2-R	CIVIL ACTION BY STATE	PAM1

HIGH PRIORITY VIOLATOR (HPV) ACTION LINKING - HPV RESOLVED

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
VR-N	VR-R	VR-R	VIOLATION RESOLVED	
7G-N	7G-R		EPA-HPV RESOLVED-RET TO COMPL W/NO ENFORCEMENT ACT	
2K-N		2K-R	STATE - SRC RETRND TO COMPLIANCE W/NO FURTHER ACTN	

TITLE V SELF CERTIFICATIONS AND COMPLIANCE STATUS(Note: contains new CMS requirements.)

National	Region	State	REGIONAL ACTION DESCRIPTION:	Additional Requirements
CC-N	C1-R	C1-R	TITLE V ANNUAL CERT DUE/RECEIVED BY EPA	DTS1=Due Date. DTA1=Received Date.
CC-N	T4-R	T4-R	TITLE 71 ANNUAL COMPL CERT DUE/RECVD - TRIBAL	DTS1=Due Date. DTA1=Received Date.
ER-N	41-R		T-V ANNUAL COMPLIANCE CERT REVIEWED BY EPA	Results Code:MV-in Violation,MC-in Compliance,MU-Unknown RDE8=Deviation,Y-Yes or N-No.
ER-N	T5-R		TITLE 71 ANNUAL COMPL CERT REVIEWED - TRIBAL	Results Code:MV-in Violation,MC-in Compliance,MU-Unknown RDE8=Deviation,Y-Yes or N-No.
CB-N	DA-R		TV ANN COMPL CERT DUE/RCVD BY PERMIT AUTHORITY	DTS1=Due Date. DTA1=Received Date.
SR-N		SR-R	TV ANNUAL COMPL. CERT REVIEW BY PERMIT AUTHORITY	Results Code:MV-in violation, MC-in Compliance, MU-Unknown

An "*" (in the National Column) indicates that the Action Type is an Enforcement Sensitive Action

Appendix 3b

AFS National Action Types Applicable for Tribal Activity

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4/11/2006

AFS NATIONAL ACTION TYPES FOR USE IN DOCUMENTING TRIBAL ACTIVITY

Activity completed at a source located within a tribal authority by tribal inspectors with federal credentials (without the use of federal resources) or by tribal inspectors with delegated CAA program authority should be reported to AFS using the following national action types:

NATL ACT TYPE	SHORT DESCRIPTION	LONG DESCRIPTION
Full Compliance Evaluations (FCEs)		
T1	TRIBAL FCE ON	TRIBAL ONSITE FCE
T2	TRIBAL FCE OFF	TRIBAL OFFSITE FCE
Partial Compliance Evaluations (PCEs)		
T3	TRIBAL PCE ON	TRIBAL ONSITE PCE
T4	TRIBAL PCE OFF	TRIBAL OFFSITE PCE
T5	TRIBAL PCE COMP	TRIBAL ONSITE COMPLAINT PCE
T6	TRIBAL PCE OBS	TRIBAL ONSITE OBSERVATION PCE
T7	TRIBAL PCE PER	TRIBAL ONSITE PERMIT PCE
T8	TRIBAL PCE PRO	TRIBAL OFFSITE PROCESS PCE
Investigations		
TA	TRIBAL INV STAR	TRIBAL INVESTIGATION STARTED/INITIATED
TB	TRIBAL INV COND	TRIBAL INVESTIGATION CONDUCTED/CONCLUDED
Stack Tests		
TC	TRIBAL STACK	TRIBAL SOURCE TEST CONDUCTED
TD	TRIBAL STACK NO	TRIBAL AUTHORITY REQUIRED (OWNER/OPERATOR CONDUCTED) TEST NOT OBSERVED BUT REVIEWED
TF	TRIBAL STACK OR	TRIBAL UTHORITY REQUIRED (OWNER/OPERATOR CONDUCTED) K TEST OBSERVED AND REVIEWED
Title V Annual Compliance Certifications (TV ANN CERTs)		
TG	TRIBAL TV RECD	TV ANN COMPL CERT DUE/RECEIVED BY TRIBAL AUTHORITY
TH	TRIBAL TV REVD	TV ANN COMPL CERT REVIEWED BY TRIBAL AUTHORITY
MACT Non-Applicability		
TM	TRIBAL MACT NA	TRIBAL MACT FCE/PCE NON-APPLICABILITY DETERMINATION

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Appendix 3c

AFS National Action Types Allowable as Duplicate Actions

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AFS National Action Types Allowable as Duplicates

Normally, action records are reported to AFS with unique action types and dates. There are a few instances were actions happening on the same day are allowable.

The following National Action Types are allowed to be reported to AFS multiple times with the same date achieved:

2A	EPA SOURCE TEST CONDUCTED
3A	OWNER/OPERATOR – CONDUCTED SOURCE TEST
6A	EPA NOV ISSUED
6C	ST SOURCE TEST CONDUCTED
7C	STATE NOV ISSUED
8A	EPA 113(A) ORDER ISSUED
8C	STATE ADMINISTRATIVE ORDER ISSUED
CB	TV ANNUAL COMPLIANCE CERT DUE/RECVD BY STATE/LOCAL
CC	TITLE V COMPLIANCE CERT DUE/RECEIVED BY EPA
ER	TITLE V COMPLIANCE CERTIFICATION REVIEW BY EPA
ES	EPA CONDUCTED PCE/ ON-SITE
EX	EPA PCE/OFF-SITE
PS	STATE PCE / ON-SITE
PX	STATE PCE / OFF-SITE
SR	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE TE EPA
REQ	(O/O COND) STACK TEST/NOT OBSV BUT REVWD
TO	EPA REQ(O/O COND) STACK TEST/OBSERVED & REVIEWED
TR	STATE REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
TS	STATE RECEIPT OF STACK TEST REPORT

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Appendix 4

Listing of Local Control Table Values for AFS

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LOCAL CONTROL REGION CODES

Mar-09

ST FIP	LCON	DESCRIPTION	TRIBAL	ST ABBR
01	00	STATE JURISDICTION	N	AL
01	01	JEFFERSON COUNTY	N	AL
01	02	HUNTSVILLE	N	AL
02	A1	METLAKATLA TRIBE	Y	AK
02	US	EPA JURISDICTION	N	AK
02	00	STATE JURISDICTION	N	AK
04	A1	Ak-Chin Community Council (Maricopa Reservation)	Y	AZ
04	A2	Yavapai-Prescott Reservation (Yavapai-Prescott Board of Directors)	Y	AZ
04	A3	Oljatoh Reservation (western Navajo Agency)	Y	AZ
04	00	ARIZONA DEPT OF ENVIRONMENTAL QUALITY (GRANTEE)	N	AZ
04	01	MARICOPA COUNTY AIR POLLUTION CONTROL AGENCY (GRANTEE)	N	AZ
04	02	PIMA COUNTY AIR POLLUTION CONTROL DISTRICT (GRANTEE)	N	AZ
04	03	PINAL COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	AZ
04	11	Ak-Chin Community Council (Maricopa Reservation)	Y	AZ
04	12	Beclabito Reservation (Shiprock Agency)	Y	AZ
04	13	Blue Gap Reservation (Chinle Agency)	Y	AZ
04	14	Blue Springs Reservation (Western Navajo Agency)	Y	AZ
04	15	Broadway Reservation (Western Navajo Agency)	Y	AZ
04	16	Cameron Reservation (Western Navajo Agency)	Y	AZ
04	17	Camp Verde (Truxton Cannon Agency)	Y	AZ
04	18	Chilchinbeto Reservation (Western Navajo Agency)	Y	AZ
04	19	Chinle Reservation (Chinle Agency)	Y	AZ
04	20	Coalmine Reservation (Western Navajo Agency)	Y	AZ
04	21	Cocopah Reservation (Cocopah Tribal Council)	Y	AZ
04	22	Colorado Indian Tribes Council (CRIT Tribal Council)	Y	AZ
04	23	Copper Mine Reservation (Western Navajo Agency)	Y	AZ
04	24	Cornfields Reservation (Fort Defiance Agency)	Y	AZ
04	25	Coyote Canyon Reservation (Fort Defiance Agency)	Y	AZ
04	26	Crystal Reservation (Fort Defiance Agency)	Y	AZ
04	27	Denehosto Reservation (Western Navajo Agency)	Y	AZ
04	28	Dilkon Community (Western Navajo Agency)	Y	AZ
04	29	Forest Lake Reservation (Chinle Agency)	Y	AZ
04	30	Fort Apache Reservation	Y	AZ
04	31	Fort Defiance Reservation (Fort Defiance Agency)	Y	AZ
04	32	Fort McDowell	Y	AZ
04	33	Fort Mojave Reservation (Colorado River Agency)	Y	AZ
04	34	Fort Yuma Reservation (Fort Yuma Agency)	Y	AZ
04	35	Fort Yuma Reservation (Quechan Tribal Council)	Y	AZ
04	36	Ganado Reservation (Fort Defiance Agency)	Y	AZ
04	37	Gila Bend Reservation	Y	AZ
04	38	Gila River Indian Community Council	Y	AZ
04	39	Gila River reservation	Y	AZ
04	40	Greasewood Reservation (Fort Defiance Agency)	Y	AZ
04	41	Havasupai	Y	AZ

ST FIP	LCON	DESCRIPTION	TRIBAL	ST ABBR
04	42	Hopi	Y	AZ
04	43	Houck Reservation (Fort Defiance Agency)	Y	AZ
04	44	Hulapai	Y	AZ
04	45	Inscription House Reservation (Western Navajo Agency)	Y	AZ
04	46	ITCA	Y	AZ
04	47	Jeddito Reservation (Fort Defiance Agency)	Y	AZ
04	48	Kaibito Reservation (Western Navajo Agency)	Y	AZ
04	49	Kaibob Reservation (Kaibob Paiute Tribal Council)	Y	AZ
04	50	Kayenta Reservation (Western Navajo Agency)	Y	AZ
04	51	Kinlichee Reservation (Fort Defiance Agency)	Y	AZ
04	52	Klagetoh Reservation (Fort Defiance Agency)	Y	AZ
04	53	Las Vegas Paiute Tribe	Y	AZ
04	54	Lechee reservation (Western Navajo Agency)	Y	AZ
04	55	Leupp Reservation (Western Navajo Agency)	Y	AZ
04	56	Low Mountain Reservation (Fort Defiance Agency)	Y	AZ
04	57	Lukachukai Reservation (Chinline Agency)	Y	AZ
04	58	Lupton Reservation (Fort Defiance Agency)	Y	AZ
04	59	Many Farms Reservation (Chinline Agency)	Y	AZ
04	60	Mexican Springs Reservation (Fort Defiance Agency)	Y	AZ
04	61	Mexican Waters Reservation (Shiprock Agency)	Y	AZ
04	62	Moapa	Y	AZ
04	63	Naschitti Reservation (Western Navajo Agency)	Y	AZ
04	64	Navajo Mountain Reservation (Western Navajo Agency)	Y	AZ
04	65	Navajo Nation	Y	AZ
04	66	Nazlini Reservation (Chinline Agency)	Y	AZ
04	67	Oak Springs Reservation (Fort Defiance Agency)	Y	AZ
04	68	Pascua-Yaqui Indian Community (Pascua-Yacqui Tribal Council)	Y	AZ
04	69	Pinon Reservation (Chinle Agency)	Y	AZ
04	70	Quechan Tribe	Y	AZ
04	71	Red Lake Reservation (Fort Defiance Agency)	Y	AZ
04	72	Red Lake Reservation (Western Navajo Agency))	Y	AZ
04	73	Red Mesa Reservation (Shiprock Agency)	Y	AZ
04	74	Red Rock Reservation (Shiprock Agency)	Y	AZ
04	75	Rough Rock Reservation (Chinle Agency)	Y	AZ
04	76	Round Rock Reservation (Chinline Agency)	Y	AZ
04	77	Salt River Reservation (Salt River Pima-Maricopa Indian Community)	Y	AZ
04	78	San Carlos Apache Reservation (San Carlos Tribal Council)	Y	AZ
04	79	San Juan Southern Paiute Council (Southern Paiute Field Station)	Y	AZ
04	80	San Xavier Reservation (Papago Agency)	Y	AZ
04	81	Sanotsee Reservation (Shiprock Agency)	Y	AZ
04	82	Sawmill Reservation (Fort Defiance Agency)	Y	AZ
04	83	Shonto Reservation (Western Navajo Agency)	Y	AZ
04	84	St. Michaels Reservation (Fort Defiance Agency)	Y	AZ
04	85	Steamboat Reservation (Fort Defiance Agency)	Y	AZ

ST FIP	LCON	DESCRIPTION	TRIBAL	ST ABBR
04	86	Teecnospos Reservation (Shiprock Agency)	Y	AZ
04	87	Teesto Reservation (Fort Defiance Agency)	Y	AZ
04	88	Tohono O'odham (Sells Reservation)(Tohono O'odham Council)	Y	AZ
04	89	Tolani Lake Reservation (Western Navajo Agency)	Y	AZ
04	90	Tonto Apache Reservation (Tonto Apache Tribal Council)	Y	AZ
04	91	Tsalie-Wheatfields Reservation (Chinle Agency)	Y	AZ
04	92	Tselani Reservation (Chinline Agency)	Y	AZ
04	93	Tuba City Reservation (Western Navajo Agency)	Y	AZ
04	94	Twin Lakes Reservation (Fort Defiance Agency)	Y	AZ
04	95	White Cone Reservation (Fort Defiance Agency)	Y	AZ
04	96	White Mountain Apache Tribal Council	Y	AZ
04	97	Wide Ruins Reservation (Fort Defiance Agency)	Y	AZ
04	98	NAVAJO NATION	Y	AZ
04	99	EPA REGION 9'S SPECIAL JURISDICTION	N	AZ
05	00	STATE JURISDICTION	N	AR
05	01	DISTRICT 1	N	AR
05	02	DISTRICT 2	N	AR
05	03	DISTRICT 3	N	AR
05	04	DISTRICT 4	N	AR
05	05	DISTRICT 5	N	AR
05	06	DISTRICT 6	N	AR
05	07	DISTRICT 7	N	AR
05	08	DISTRICT 8	N	AR
05	09	DISTRICT 9	N	AR
05	10	DISTRICT 10	N	AR
05	11	DISTRICT 11	N	AR
05	12	DISTRICT 12	N	AR
05	13	DISTRICT 13	N	AR
06	A0	Mooretown	Y	CA
06	A1	Lone Pine	Y	CA
06	A2	Los Cayotes	Y	CA
06	A3	Lower Lake	Y	CA
06	A4	Lytton	Y	CA
06	A5	Manchester/Pt. Arena Pomo Indians	Y	CA
06	A6	Manzanita	Y	CA
06	A7	Mechoopda (Chico)	Y	CA
06	A8	Mesa Grande	Y	CA
06	A9	Middletown	Y	CA
06	B0	Pinoleville	Y	CA
06	B1	Morongo	Y	CA
06	B2	NAEPC	Y	CA
06	B3	North Fork	Y	CA
06	B4	OVIWC	Y	CA
06	B5	Pala	Y	CA
06	B6	Paskenta	Y	CA
06	B7	Pauma	Y	CA
06	B8	Pechanga	Y	CA
06	B9	Picayune	Y	CA
06	C0	Robinson	Y	CA

ST FIP	LCON	DESCRIPTION	TRIBAL	ST ABBR
06	C1	Pit River	Y	CA
06	C2	Potter Valley	Y	CA
06	C3	Quartz Valley	Y	CA
06	C4	Quechan	Y	CA
06	C5	Ramona	Y	CA
06	C6	Redding	Y	CA
06	C7	Redwood Valley	Y	CA
06	C8	Resighini	Y	CA
06	C9	Rincon	Y	CA
06	D0	Sherwood Valley	Y	CA
06	D1	Round Valley (Covelo)	Y	CA
06	D2	Rumsey	Y	CA
06	D3	San Manuel	Y	CA
06	D4	San Pasqual	Y	CA
06	D5	Santa Rosa Rancheria	Y	CA
06	D6	Santa Rosa Reservation	Y	CA
06	D7	Santa Ynez	Y	CA
06	D8	Santa Ysabel	Y	CA
06	D9	Scotts Valley	Y	CA
06	E0	Trinidad	Y	CA
06	E1	Shingle Springs	Y	CA
06	E2	Smith River	Y	CA
06	E3	Soboboa	Y	CA
06	E4	Stewarts Point/Kashia Band	Y	CA
06	E5	Susanville	Y	CA
06	E6	Sycuan	Y	CA
06	E7	Table Mountain	Y	CA
06	E8	Timbi-sha	Y	CA
06	E9	Torres Martinez	Y	CA
06	F0	Laytonville Rancheria	Y	CA
06	F1	Tule River	Y	CA
06	F2	Tuolumne	Y	CA
06	F3	Twenty Nine Palms	Y	CA
06	F4	Upper Lake/Habematolel	Y	CA
06	F5	Viejas (Capitan Grande)	Y	CA
06	F6	Wiyot	Y	CA
06	F7	Yurok	Y	CA
06	F8	Chico Rancheria	Y	CA
06	F9	Colusa Rancheria	Y	CA
06	G1	Table Bluff Rancheria	Y	CA
06	00	CA AIR RESOURCES BOARD (NO REPORTABLE SOURCES) (GRANTEE)	N	CA
06	01	BAY AREA AIR QUALITY MANAGEMENT DISTRICTURCES) (GRANTEE)	N	CA
06	02	IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	03	SAN JOAQUIN VALLEY UNIFIED AIR POLLUTIONSTRICT (GRANTEE)	N	CA
06	04	VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT (GRANTEE)	N	CA
06	05	PLACER COUNTY AIR POLLUTION CONTROL DISTRICT	N	CA

ST FIP	LCON	DESCRIPTION	TRIBAL	ST ABBR
		(NON-GRANTEE)		
06	06	AMADOR COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	07	BUTTE COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	08	CALAVERAS COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	09	COLUSA COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	10	EL DORADO COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	11	FEATHER RIVER AIR QUALITY MANAGEMENT DISTRICT (NON-GRANTEE)	N	CA
06	12	GLENN COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	13	GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	14	KERN COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	15	LAKE COUNTY AIR QUALITY MANAGEMENT DISTRICT (NON-GRANTEE)	N	CA
06	16	LASSEN COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	17	MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT (NON-GRANTEE)	N	CA
06	18	MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT (GRANTEE)	N	CA
06	19	NORTH COAST UNIFIED AIR QUALTY MANAGEMENT DISTRICT (NON-GRANTEE)	N	CA
06	20	NORTHERN SIERRA AIR QUALITY MANAGEMENT DISTRICT (NON-GRANTEE)	N	CA
06	21	NORTHERN SONOMA AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	22	SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT (GRANTEE)	N	CA
06	23	SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT (GRANTEE)	N	CA
06	24	SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	25	MARIPOSA COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	26	MENDOCINO COUNTY AIR QUALITY MANAGEMENT DISTRICT (NON-GRANTEE)	N	CA
06	27	MODOC COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	28	SANTA BARBARA COUNTY AIR POLLUTION CONTROL DISTRICT (GRANTEE)	N	CA
06	29	SHASTA COUNTY AIR QUALITY MANAGEMENT DISTRICT (NON-GRANTEE)	N	CA
06	30	SISKIYOU COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA

ST FIP	LCON	DESCRIPTION	TRIBAL	ST ABBR
06	31	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (GRANTEE)	N	CA
06	32	TEHAMA COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	33	TUOLUMNE COUNTY AIR POLLUTION CONTROL DISTRICT (NON-GRANTEE)	N	CA
06	34	YOLO SOLANO AIR QUALITY MANAGEMENT DISTRICT (NON-GRANTEE)	N	CA
06	35	ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT (NON-GRANTEE)	N	CA
06	40	Agua Caliente	Y	CA
06	41	Agustine	Y	CA
06	42	Alturas Rancheria	Y	CA
06	43	Auburn	Y	CA
06	44	Barona	Y	CA
06	45	Bear River	Y	CA
06	46	Benton/UtuUtu Gwaitu	Y	CA
06	47	Berry Creek	Y	CA
06	48	Big Lagoon	Y	CA
06	49	Big Pine	Y	CA
06	50	Big Sandy	Y	CA
06	51	Big Valley	Y	CA
06	52	Bishop Paiute Tribe	Y	CA
06	53	Blue Lake	Y	CA
06	54	Bridgeport	Y	CA
06	55	Buena Vista	Y	CA
06	56	Buena Vista	Y	CA
06	57	CA Valley Miwok (Sheep Ranch)	Y	CA
06	58	Cabazon	Y	CA
06	59	Cachil Dehe Band (Colusa)	Y	CA
06	60	Cahto (Laytonville)	Y	CA
06	61	Cahuilla	Y	CA
06	62	Campo Band of Kameyaay Indians	Y	CA
06	63	Cedarville Rancheria	Y	CA
06	64	Chemehuevi	Y	CA
06	65	Chicken Ranch	Y	CA
06	66	Cloverdale	Y	CA
06	67	Cocopah	Y	CA
06	68	Cold Springs	Y	CA
06	69	Cortina	Y	CA
06	70	Coyote Valley	Y	CA
06	71	CRIT	Y	CA
06	72	Cuyapaipe	Y	CA
06	73	Dry Creek	Y	CA
06	74	Duckwater	Y	CA
06	75	Elem	Y	CA
06	76	Elk Valley	Y	CA
06	77	Ely	Y	CA
06	78	Enterprise	Y	CA
06	79	Fort Bidwell	Y	CA
06	80	Fort Independence	Y	CA

ST FIP	LCON	DESCRIPTION	TRIBAL	ST ABBR
06	81	Fort Mojave	Y	CA
06	83	Goshute	Y	CA
06	84	Graton	Y	CA
06	85	Greenville	Y	CA
06	86	Grindstone	Y	CA
06	87	Guidville	Y	CA
06	88	Hoopa	Y	CA
06	89	Hopland	Y	CA
06	90	Inaja	Y	CA
06	91	Ione	Y	CA
06	92	ITCC	Y	CA
06	93	Jackson	Y	CA
06	94	Jamul	Y	CA
06	95	Karuk	Y	CA
06	96	La Jolla	Y	CA
06	97	LaPosta	Y	CA
06	99	EPA REGION 9'S SPECIAL JURISDICTION	N	CA
08	00	STATE JURISDICTION	N	CO
08	92	SOUTHERN UTE INDIAN TRIBE	Y	CO
08	98	UTE MOUNTAIN UTE TRIBE	Y	CO
09	00	STATE JURISDICTION	N	CT
10	00	STATE JURISDICTION	N	DE
11	00	STATE JURISDICTION	N	DC
12	00	STATE JURISDICTION	N	FL
13	00	STATE JURISDICTION	N	GA
15	00	HAWAII DEPT OF HEALTH, CLEAN AIR BRANCH (GRANTEE)	N	HI
15	99	EPA REGION 9'S SPECIAL JURISDICTION	N	HI
16	BO	IDEQ - BOISE REGIONAL OFFICE	N	ID
16	CO	IDEQ - COUER DE'ALENE REGIONAL OFFICE	N	ID
16	IF	IDEQ - IDAHO FALLS REGIONAL OFFICE	N	ID
16	I1	IDEQ-COEUR D'ALENE REGIONAL OFFICE	N	ID
16	I2	KOOTENAI TRIBE OF IDAHO	Y	ID
16	I3	NEZ PERCE TRIBE OF IDAHO	Y	ID
16	I4	SHOSHONE BANNOCK TRIBES	Y	ID
16	LO	IDEQ - LEWISTON REGIONAL OFFICE	N	ID
16	OS	IDEQ - OUT OF STATE PORTABLE FACILITY	N	ID
16	PO	IDEQ - POCATELLO REGIONAL OFFICE	N	ID
16	TF	IDEQ - TWIN FALLS REGIONAL OFFICE	N	ID
16	UK	IDEQ - PORTABLE FACILITY WHEN LOCATION IS UNKNOWN	N	ID
16	US	EPA JURISDICTION	N	ID
16	00	STATE JURISDICTION	N	ID
17	00	STATE JURISDICTION	N	IL
18	00	STATE JURISDICTION	N	IN
19	00	STATE JURISDICTION	N	IA
19	01	POLK COUNTY	N	IA
19	02	LINN COUNTY	N	IA
20	00	STATE JURISDICTION	N	KS
21	00	STATE JURISDICTION	N	KY
21	01	JEFFERSON COUNTY	N	KY
22	00	STATE JURISDICTION	N	LA
23	CM	CENTRAL MAINE REGION	N	ME

ST FIP	LCON	DESCRIPTION	TRIBAL	ST ABBR
23	EM	EASTERN MAINE REGION	N	ME
23	SM	SOUTHERN MAINE REGION	N	ME
23	00	STATE JURISDICTION	N	ME
24	00	STATE JURISDICTION	N	MD
25	00	STATE JURISDICTION	N	MA
25	01	MA WESTERN REGION	N	MA
25	02	MA CENTRAL REGION	N	MA
25	03	MA NORTHEAST REGION	N	MA
25	04	MA SOUTHEAST REGION	N	MA
26	00	STATE JURISDICTION	N	MI
26	01	BAY MILLS INDIAN COMMUNITY	Y	MI
26	02	CHIPPEWA-OTTAWA RESOURCE AUTHORITY	Y	MI
26	03	GRAND TRAVERSE BAND OF OTTAWA & CHIPPEWA	Y	MI
26	04	HANNAHVILLE INDIAN COMMUNITY	Y	MI
26	05	INTER-TRIBAL COUNCIL OF MICHIGAN	Y	MI
26	06	KEWEENAW BAY INDIAN COMMUNITY	Y	MI
26	07	LAC VIEUX DESERT BAND OF CHIPPEWA	Y	MI
26	08	LITTLE RIVER BAND OF OTTAWA	Y	MI
26	09	LITTLE TRAVERSE BAY BANDS OF ODAWA	Y	MI
26	10	MATCH-E-BE-NASH-SHE-WISH BAND OF POTTAWATOMI	Y	MI
26	11	NOTTAWASEPPI HURON POTAWATOMI	Y	MI
26	12	POKAGON BAND OF POTAWATOMI	Y	MI
26	13	SAGINAW CHIPPEWA INDIAN TRIBE	Y	MI
26	14	SAULT STE. MARIE TRIBE OF CHIPPEWA	Y	MI
27	00	STATE JURISDICTION	N	MN
27	01	BOIS FORTE BAND OF CHIPPEWA	Y	MN
27	02	FOND DU LAC BAND OF CHIPPEWA	Y	MN
27	03	GRAND PORTAGE BAND OF CHIPPEWA	Y	MN
27	04	LEECH LAKE TRIBE OF OJIBWE	Y	MN
27	05	LOWER/UPPER SIOUX COMMUNITIES	Y	MN
27	06	MILLE LACS BAND OF OBJIBWE	Y	MN
27	07	MINNESOTA CHIPPEWA TRIBE	Y	MN
27	08	PRAIRE ISLAND INDIAN COMMUNITY	Y	MN
27	09	RED LAKE BAND OF CHIPPEWA	Y	MN
27	10	SHAKOPEE MDEWAKANTON SIOUX COMMUNITY	Y	MN
27	11	WHITE EARTH BAND OF CHIPPEWA	Y	MN
28	00	STATE JURISDICTION	N	MS
29	00	STATE JURISDICTION	N	MO
30	00	STATE JURISDICTION	N	MT
30	74	BLACKFEET TRIBE	Y	MT
30	76	CHIPPEWA CREE TRIBE	Y	MT
30	77	CONFEDERATED SALISH & KOOTENAI TRIBES	Y	MT
30	78	CROW TRIBE	Y	MT
30	82	GROS VENTRE & ASSINIBOINE TRIBES	Y	MT
30	84	NORTHERN CHEYENNE TRIBE	Y	MT
31	01	STATE JURISDICTION	N	NE
31	02	LINCOLN - LANCASTER COUNTY	N	NE
31	03	CITY OF OMAHA	N	NE
32	00	NEVADA DIVISION OF ENVIRONMENTAL PROTECTION (GRANTEE)	N	NV
32	01	CLARK COUNTY HEALTH DISTRICT AIR POLLUTION	N	NV

ST FIP	LCON	DESCRIPTION	TRIBAL	ST ABBR
		CONTROL (GRANTEE)		
32	02	WASHOE COUNTY DISTRICT HEALTH DEPARTMENTON (GRANTEE)	N	NV
32	11	Battle Mountain	Y	NV
32	12	Carson Indian Colony	Y	NV
32	13	Dresslerville Indian Colony	Y	NV
32	14	Duck Valley	Y	NV
32	15	Elko Indian Colony	Y	NV
32	16	Ely Indian Colony	Y	NV
32	17	Fallon Reservation & Colony (Fallon Business Council)	Y	NV
32	18	Fort McDermitt Reservation (Fort McDermitt Tribal Council)	Y	NV
32	19	ITCN	Y	NV
32	20	Las Vegas Indian Colony (Las Vegas Colony Council) Las Vegas Paiute Tribe	Y	NV
32	21	Lovelock Indian Colony (Lovelock Tribal Council)	Y	NV
32	22	Moapa River Indian Reservation (Moapa Business Council)	Y	NV
32	23	Pyramid Lake Reservation (Pyramid Lake Paiute Tribal Council) Pyramid Lake	Y	NV
32	24	Reno-Sparks Indian Colony (Reno-Sparks Tribal Council) Reno/Sparks Indian C	Y	NV
32	25	Ruby Valley (Te-moak) Reservation (Tribal Council of the Te-Moak Western Sh	Y	NV
32	26	Shoshone-Paiute Tribes	Y	NV
32	27	South Fork Indian Colony (South Fork Band Council)	Y	NV
32	28	Stewart Indian Colony (Stewart Indian Community Council)	Y	NV
32	29	Summit Lake Reservation (Summit Lake Paiute Council)	Y	NV
32	30	Walker River Reservation (Walker River Paiute Tribal Council)	Y	NV
32	31	Washoe Tribal Council	Y	NV
32	32	Wells Indian Colony	Y	NV
32	33	Winnemucca Indian Colony	Y	NV
32	34	Yerington Paiute Tribal Council	Y	NV
32	35	Yomba	Y	NV
32	99	EPA REGION 9'S SPECIAL JURISDICTION	N	NV
33	00	STATE JURISDICTION	N	NH
34	00	STATE JURISDICTION	N	NJ
35	00	STATE JURISDICTION	N	NM
35	01	CITY OF ALBUQUERQUE	N	NM
35	98	NAVAJO NATION	Y	NM
35	99	EPA JURISDICTION	N	NM
36	ON	ONEIDA NATION	Y	NY
36	SN	SENECA NATION	Y	NY
36	00	STATE JURISDICTION	N	NY
37	00	STATE JURISDICTION	N	NC
37	01	ARO-ASHEVILLE REGIONAL OFFICE	N	NC

ST FIP	LCON	DESCRIPTION	TRIBAL	ST ABBR
37	03	MRO-MOORESVILLE REGIONAL OFFICE	N	NC
37	04	WSRO-WINSTON SALEM REGIONAL OFFICE	N	NC
37	05	RRO-RALEIGH REGIONAL OFFICE	N	NC
37	06	FRO-FAYETTEVILLE REGIONAL OFFICE	N	NC
37	07	WARO-WASHINGTON REGIONAL OFFICE	N	NC
37	08	WIRO-WILMINGTON REGIONAL OFFICE	N	NC
37	09	BUNCOMBE COUNTY	N	NC
37	10	FORSYTH COUNTY	N	NC
37	11	MECKLENBURG COUNTY	N	NC
37	12	EPA JURISDICTION	N	NC
38	00	STATE JURISDICTION	N	ND
38	93	SPIRIT LAKE TRIBE	Y	ND
38	94	STANDIND ROCK SIOUX TRIBE	Y	ND
38	95	THREE AFFILIATED TRIBES	Y	ND
38	96	TURTLE MOUNTAIN BAND OF CHIPPEWAS	Y	ND
39	00	STATE JURISDICTION	N	OH
40	00	STATE JURISDICTION	N	OK
41	ER	ODEQ - EASTERN REGIONAL OFFICE	N	OR
41	NW	ODEQ - NORTHWEST REGIONAL OFFICE	N	OR
41	R1	BURNS PAIUTE	Y	OR
41	R2	COOS, LOWER UMPQUA & SIUSLAW	Y	OR
41	R3	COQUILLE INDIAN TRIBE	Y	OR
41	R4	COW CREEK BAND OF UMPQUA TRIBES OF INDIANS	Y	OR
41	R5	CONFEDERATED TRIBES OF GRAND RONDE	Y	OR
41	R6	KLAMATH INDIAN TRIBE	Y	OR
41	R7	SILETZ CONFEDERATED TRIBES	Y	OR
41	R8	CONFEDERATED TRIBES OF UMATILLA	Y	OR
41	R9	CONFEDERATED TRIBES OF WARM SPRINGS	Y	OR
41	US	EPA JURISDICTION	N	OR
41	WR	ODEQ - WESTERN REGIONAL OFFICE	N	OR
41	00	STATE JURISDICTION	N	OR
41	08	LANE REGIONAL AIR POLLUTION AUTHORITY	N	OR
42	00	STATE JURISDICTION	N	PA
42	01	ALLEGHENY COUNTY HEALTH DEPARTMENT	N	PA
42	02	PHILADELPHIA AIR MANAGEMENT SERVICES	N	PA
44	00	STATE JURISDICTION	N	RI
45	00	STATE JURISDICTION	N	SC
46	00	STATE JURISDICTION	N	SD
46	73	ASSINBOINE & SIOUX TRIBES	Y	SD
46	75	CHEYENNE RIVER SIOUX TRIBE	Y	SD
46	79	CROW CREEK SIOUX TRIBE	Y	SD
46	81	FLANDREAU SANTEE SIOUX TRIBE	Y	SD
46	83	LOWER BRULE SIOUX TRIBE	Y	SD
46	87	OGLALA SIOUX TRIBE	Y	SD
46	89	ROSEBUD SIOUX TRIBE	Y	SD
46	90	SISSETON-WAHPETON OYATE	Y	SD
46	99	YANKTON SIOUX TRIBE	Y	SD
47	00	STATE JURISDICTION	N	TN
47	01	NASHVILLE-DAVIDSON COUNTY	N	TN
47	02	MEMPHIS-SHELBY COUNTY	N	TN
47	03	CHATTANOOGA-HAMILTON COUNTY	N	TN

ST FIP	LCON	DESCRIPTION	TRIBAL	ST ABBR
47	04	KNOX COUNTY	N	TN
48	00	STATE JURISDICTION	N	TX
48	01	REGION 1, AMARILLO	N	TX
48	02	REGION 2, LUBBOCK	N	TX
48	03	REGION 3, ABILENE	N	TX
48	04	REGION 4, DALLAS/FT WORTH	N	TX
48	05	REGION 5, TYLER	N	TX
48	06	REGION 6, EL PASO	N	TX
48	07	REGION 7, MIDLAND	N	TX
48	08	REGION 8, SAN ANGELO	N	TX
48	09	REGION 9, WACO	N	TX
48	10	REGION 10, BEAUMONT	N	TX
48	11	REGION 11, AUSTIN	N	TX
48	12	REGION 12, HOUSTON	N	TX
48	13	REGION 13, SAN ANTONIO	N	TX
48	14	REGION 14, CORPUS CHRISTI	N	TX
48	15	REGION 15, HARLINGEN	N	TX
48	16	REGION 16, LAREDO	N	TX
49	00	STATE JURISDICTION	N	UT
49	86	NORTHWESTERN BAND OF SHOSHONI NATION	Y	UT
49	88	PAIUTE INDIAN TRIBE OF UTAH	Y	UT
49	91	SKULL VALLEY BAND OF GOSHUTE INDIANS	Y	UT
49	97	UTE INDIAN TRIBE	Y	UT
49	98	NAVAJO NATION	Y	UT
50	00	STATE JURISDICTION	N	VT
51	00	STATE JURISDICTION	N	VA
53	US	EPA JURISDICTION	N	WA
53	00	STATE JURISDICTION	N	WA
53	01	PUGET SOUND CLEAN AIR AGENCY	N	WA
53	02	OLYMPIC REGIONAL CLEAN AIR AGENCY	N	WA
53	03	NORTHWEST CLEAN AIR AGENCY	N	WA
53	04	SOUTHWEST CLEAN AIR AUTHORITY	N	WA
53	05	YAKIMA REGIONAL CLEAN AIR AUTHORITY	N	WA
53	06	BENTON CLEAN AIR AUTHORITY	N	WA
53	07	SPOKANE COUNTY AIR POLLUTION CONTROL AUTHORITY	N	WA
53	09	DEPT OF ECOLOGY - CENTRAL REGIONAL OFFICE (CRO)	N	WA
53	10	DEPT OF ECOLOGY - INDUSTRIAL SECTION	N	WA
53	11	DEPT OF ECOLOGY - SOUTHWEST REGIONAL OFFICE (SRO)	N	WA
53	12	DEPT OF ECOLOGY - NUCLEAR WASTE SECTION	N	WA
53	13	DEPT OF ECOLOGY - NORTHWEST REGIONAL OFFICE (NRO)	N	WA
53	14	DEPT OF ECOLOGY - EASTERN REGIONAL OFFICE (ERO)	N	WA
53	30	CONFEDERATED TRIBES OF CHEHALIS	Y	WA
53	31	CONFEDERATED TRIBES OF COLVILLE	Y	WA
53	32	COWLITZ INDIAN TRIBE	Y	WA
53	33	HOH INDIAN TRIBE	Y	WA
53	34	JAMESTOWN S'KLALLAM TRIBE	Y	WA
53	35	KALISPEL TRIBE OF INDIANS	Y	WA
53	36	LOWER ELWHA TRIBAL COUNCIL	Y	WA
53	37	LUMMI INDIAN NATION	Y	WA
53	38	MAKAH INDIAN TRIBE	Y	WA
53	39	MUCKLESHOOT INDIAN TRIBE	Y	WA

ST FIP	LCON	DESCRIPTION	TRIBAL	ST ABBR
53	40	NISQUALLY INDIAN TRIBE	Y	WA
53	41	NOOKSACK INDIAN TRIBE	Y	WA
53	42	PORT GAMBLE S'KLALLAM TRIBE	Y	WA
53	43	PUYALLUP TRIBE OF INDIANS	Y	WA
53	44	QUILEUTE INDIAN TRIBE	Y	WA
53	45	QUINAULT INDIAN NATION	Y	WA
53	46	SAMISH INDIAN NATION	Y	WA
53	47	SAUK-SUIATTLE INDIAN TRIBE	Y	WA
53	48	SHOAL WATER BAY INDIAN TRIBE	Y	WA
53	49	SKOKOMISH INDIAN NATION	Y	WA
53	50	SNOQUALMIE TRIBE	Y	WA
53	51	SPOKANE TRIBE OF INDIANS	Y	WA
53	52	SQUAXIN ISLAND TRIBE	Y	WA
53	53	STILLAGUAMISH TRIBE	Y	WA
53	54	SUQUAMISH INDIAN TRIBE	Y	WA
53	55	SWINOMISH INDIAN TRIBE	Y	WA
53	56	TULALIP TRIBES OF WASHINGTON	Y	WA
53	57	UPPER SKAGIT INDIAN TRIBE	Y	WA
53	58	YAKAMA NATION	Y	WA
54	00	STATE JURISDICTION	N	WV
55	00	STATE JURISDICTION	N	WI
55	01	BAD RIVER BAND OF LAKE SUPERIOR CHIPPEWA	Y	WI
55	02	FOREST COUNTY POTAWATOMI COMMUNITY	Y	WI
55	03	HO-CHUNK NATION	Y	WI
55	04	LAC COURTE OREILLES BAND OF CHIPPEWA	Y	WI
55	05	LAC DU FLAMBEAU BAND OF CHIPPEWA	Y	WI
55	06	MENOMINEE INDIAN TRIBE OF WISCONSIN	Y	WI
55	07	ONEIDA TRIBE OF WISCONSIN	Y	WI
55	08	RED CLIFF BAND OF LAKE SUPERIOR CHIPPEWA	Y	WI
55	09	ST. CROIX CHIPPEWA TRIBE OF WISCONSIN	Y	WI
55	10	SOKAOGON CHIPPEWA COMMUNITY	Y	WI
55	11	STOCKBRIDGE-MUNSEE COMMUNITY	Y	WI
56	00	STATE JURISDICTION	N	WY
56	80	EASTERN SHOSHONE TRIBE	Y	WY
56	85	NORTHERN ARAPAHO TRIBE	Y	WY
60	00	AMERICAN SAMOA (NO REPORTABLE SOURCES) (NON-GRANTEE)	Y	AS
60	99	EPA REGION 9'S SPECIAL JURISDICTION	N	AS
66	00	GUAM EPA (NO SOURCES TO REPORT)_(GRANTEE)	N	GU
66	99	EPA REGION 9'S SPECIAL JURISDICTION	N	GU
69	00	MARIANNAS PROTECTORATE-CONFEDERATION OFNORTHERN MARIANAS ISLANDS-NONGRANTEE	N	MP
69	99	EPA REGION 9'S SPECIAL JURISDICTION	N	MP
72	00	STATE JURISDICTION	N	PR
78	00	STATE JURISDICTION	N	VI

Appendix 5

Air Subpart Tables for New Source Performance Standards (NSPS) and Most Achievable Control Technology (MACT)

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NSPS (PART 60) SUBPARTS
Mar-09

SUBP	NSPS (PART 60) SUBPARTS
A	GENERAL PROVISIONS
AA	ELEC-ARC STEEL FURNACE 10/21/74-8/17/83
AA/A	EL-ARC FRN, ARGON-O2 DECARB VESSEL AFTER 8/7/83
AAA	NEW RESIDENTIAL WOOD HEATERS
AAAA	SMALL MUNICIPAL WASTE COMBUST UNITS CONSTR AFTER 19990830
B	STATE PLANS FOR DESIGNATED FACILITIES
BB	KRAFT PULP MILLS
BBB	RUBBER TIRE MANUFACTURE
BBBB	EXISTING SMALL MUNICIPAL WASTE COMBUSTION (MWC) UNITS
C	EMISSION GUIDELINES AND COMPLIANCE TIMES
C/B	LARGE MWC CONSTRUCTED ON OR BEFORE SEPT. 20, 1994
C/C	MUNICIPAL SOLID WASTE LANDFILLS
C/D	EM GUIDELINES AND COMP TIMES FOR SULFURIC ACID PLANTS
CC	GLASS MANUFACTURING PLANT
CCCC	COMMERCIAL & INDUSTRIAL SOLID WASTE INCINERATORS CONSTRUCTED
CE	EXISTING HOSPITAL/MEDICAL/INFECTIOUS WASTE INCINERATORS
D	FOSSIL FUEL GENER BUILT AFTER 8/17/71
DA	ELEC UTIL STEAM GENER AFTER 9/18/78
DB	INDUS-COMMERC-INSTITUTL STEAM GENERATOR
DC	SMALL INDUS-COMMER-INSTITUTL STEAM GENER
DD	GRAIN ELEVATORS
DDD	VOC EMISS FROM POLYMER MANUFACTURING
DDDD	GUIDE/TIMES-COMMER/IND SOLID WASTE INCIN CONSTRUC =>11/30/99
E	INCINERATORS
E/B	LARGE MWC CONSTR AFTER 19940920
EA	MUNICIPAL WASTE COMBUSTORS
EC	NEW HOSPITAL/MEDICAL/INFECTIOUS WASTE INCINERATORS
EE	SURFAC COATING OF METAL FURNITURE
EEEE	OTHER SOLID WASTE INCIN UNITS CONSTR AFTER 20041209
F	PORTLAND CEMENT PLANTS
FFF	FLEXIBLE VINYL/URETHANE COATING/PRINTING
FFFF	OTHER SOLID WASTE INCIN UNITS CONSTR AFTER 20041209
G	NITRIC ACID PLANTS
GG	STATIONARY GAS TURBINES
GGG	EQUIP VOC LEAKS PETROLEUM REFINERIES
GGG/A	EQUIP LEAKS OF VOC IN PETROL REFIN CONSTR AFTER 20061107
H	SULFURIC ACID PLANTS
HH	LIME MANUFACTURING PLANTS
HHH	SYNTHETIC FIBER PRODUCTION FACILITIES
HHHH	COAL-FIRED ELECTRIC STEAM GENERATING UNITS
I	HOT MIX ASPHALT FACILITIES
III	VOC EMISS OF SOCMI AIR-O2 UNIT PROCESS
IIII	DIESEL ENGINES COMPRESSION COMBUSTION ENGINES
J	PETROLEUM REFINERIES
J/A	PETROLEUM REFINERIES AFTER MAY 14, 2007
JJJ	PETROLEUM DRY CLEANERS
JJJJ	STATIONARY SPARK IGNITION COMBUSTION ENGINES

SUBP	NSPS (PART 60) SUBPARTS
K	PETROLEUM STORAGE VESSEL 6/11/73 5/19/78
KA	PETROLEUM STORAGE VESSEL 5/19/73 7/23/84
KB	VOLATILE LIQ/PETRO STORAGE VESSEL 7/23/84
KK	LEAD-ACID BATTERY MANUFACTURING PLANTS
KKK	VOC EMISS, ONSHORE NATURAL GAS PROC PLNT
KKKK	STATIONARY COMBUSTION TURBINES
L	SECONDARY LEAD SMELTERS
LL	METALLIC MINERAL PROCESSING PLANTS
LLL	SO2 EMISS, ONSHORE NATURAL GAS PROC PLNT
M	SECONDARY BRASS & BRONZE PRODUCTN PLANTS
MM	AUTO/LT-DUTY TRK SURFACE COATING OPERATN
N	PRIMARY EMISS BASIC O2 PROCESS FURNACES
NA	SECNDRY EMISS BASIC O2-PROC STEEL FACIL
NN	PHOSPHATE ROCK PLANTS
NNN	VOC EMISS OF SOCMI DISTILLATION OPERATN
O	SEWAGE TREATMENT PLANTS
OOO	NONMETALLIC MINERAL PROCESSING PLANTS
P	PRIMARY COPPER SMELTERS
PP	AMMONIUM SULFATE MANUFAC
PPP	WOOL FIBERGLASS INSULATION PRODUCTION - NSPS
Q	PRIMARY ZINC SMELTERS
QQ	GRAPH ART: PUBLICATION ROTOGRAVURE PRINT
QQQ	VOC EMISS PETRO REFINERY WATERWASTE SYS
R	PRIMARY LEAD SMELTERS
RR	PRESSR-SENST TAPE, LABEL SURFACE COATING
RRR	SOCMI REACTOR
S	PRIMARY ALUMINUM REDUCTION PLANTS
SS	LARGE APPLIANCES
SSS	MAGNETIC TAPE COATING
T	PHOSPHATE FRTLZR: WET-PROC PHOSPH ACID
TT	METAL COIL SURFACE COATING
TTT	IND-SURF-COAT: PLASTICS, BUSINESS MACHNS
U	PHOSPHATE FRTLZR: SUPERPHOSPHORIC ACID
UU	ASPHALT PROCESSING & ROOFING MANUFACTURE
UUU	CALCINERS/DRYERS IN MINERAL INDUSTRIES
V	PHOSPHATE FRTLZR: DIAMMONIUM PHOS PLANT
VV	EQUIPT VOC LEAKS IN SYNTH-ORGAN-CHEM MFG
VV/A	SOCMI EQUIPMENT LEAKS OF VOC CONSTR AFTER 20061107
VVV	POLYMERIC COATING OF SUPPORTING SUBSTRATS FACILITIES - NSPS
W	PHOSPHATE FRTLZR: TRIPLE SUPERPHOS PLNT
WW	BEVERAGE CAN SURFACE COATING
WWW	MUNICIPAL SOLID WASTE LANDFILLS
X	PHOSPHATE FRTLZR: GRANULAR 3-SUPER STOR
XX	BULK GASOLINE TERMINALS
Y	COAL PREPARATION PLANTS
Z	FERROALLOY PRODUCTION FACILITIES

NESHAPS NONMACT (PART 61) SUBPARTS
Mar-09

SUBP	NESHAPS NONMACT (PART 61) DESCRIPTION
A	GENERAL PROVISIONS
B	RADON FROM UNDERGROUND URANIUM MINES
BB	BENZENE EMISS FROM BENZENE TRANSFR OPER
C	BERYLLIUM
D	BERYLLIUM ROCKET MOTOR FIRING
E	MERCURY
F	VINYL CHLORIDE
FF	BENZENE WASTE OPERATIONS
H	RADIONUCS OTR THN RADON FROM DPT OF ENGY
I	RADIONUCS NRC LICNSD OR FEDRL, NOT SUB-H
J	EQUIP LEAK (FUGITIVE EMISS SRC) BENZENE
K	RADIONUCS FROM ELEMENTAL PHOSPHORUS PLNT
L	BENZENE FROM COKE BY-PRODUCT RECOVERY
M	ASBESTOS
N	INORGANIC ARSENIC, FROM GLASS MANUFACT
O	INORG ARSENIC FROM PRIMARY COPPER SMLTR
P	INORG ARSENIC, ARS TRIOXIDE, METAL ARS
Q	RADON FROM DOE FACILITIES
R	RADON FROM PHOSPHOGYMSUM STACKS
T	RADON, DISPOSAL OF URANIUM MILL TAILINGS
V	EQUIPMENT LEAKS (FUGITIVE EMISSIONS SRC)
W	RADON FROM OPERATING MILL TAILINGS
Y	BENZENE EMISS FROM BNZN STORAGE VESSELS

NESHAPS MACT (PART 63) SUBPARTS
Mar-09

SUBP	NESHAPS MACT (PART 63) DESCRIPTION
A	GENERAL PROVISIONS
AA	PHOSPERIC ACID MANUFACTURING PLANTS
AAAA	MUNICIPAL SOLID WASTE LANDFILLS
AAAAA	LIME MANUFACTURING
B	REQ FOR CONTROL TECHNOLOGY DETERMINATIONS FOR MAJOR SOURCES
BB	PHOSPHATE FERTILIZERS
BBBBB	SEMICONDUCTOR MANUFACTURING
C	DELISTINGS OF HAPS
CC	PETROLEUM REFINERIES
CCC	STEEL PICKLING-HCI PROCESS FACILITIES AND HCI REG PLANTS
CCCC	MANUFACTURING OF NUTRITIONAL YEAST
CCCCC	COKE OVENS: PUSHING, QUENCHING AND BATTERY STACKS
D	COMPLIANCE EXTENSION, EARLY HAP REDUCTN
DD	OFF-SITE WASTE AND RECOVERY OPERATIONS
DDD	MINERAL WOOL PRODUCTION
DDDD	PLYWOOD AND COMPOSITE WOOD PRODUCTS
DDDDD	INDUSTRIAL/COMMERCIAL/INSTITUTIONAL BOILERS & PROCESS HEATER
E	APPROVAL OF STATE PROGRAMS & DELEGATION OF AUTHORITY
EE	MAGNETIC TAPE MFG. OPERATIONS
EEE	ALL HAZARDOUS WASTE INCINERATORS
EEEE	ORGANIC LIQUIDS DISTRIBUTION (NON-GASOLINE)
EEEEE	IRON AND STEEL FOUNDRIES
F	SYNTHETIC HAZARDOUS ORGANICS (SOCMI) STANDARDS
FFFF	MISCELLANEOUS ORGANIC CHEMICAL MANUFACTURING (MON)
FFFFF	INTEGRATED IRON AND STEEL MANUFACTURING
G	STORAGE OF HAZARDOUS ORGANICS
GG	AEROSPACE MFG. & REWORK
GGG	PHARMACEUTICAL MANUFACTURING
GGGG	SOLVENT VEGETABLE OIL EXTRACTION
GGGGG	SITE REMEDIATION
H	EQUIPMENT LEAKS OF HAZARDOUS ORGANICS
HH	OIL AND NATURAL GAS PRODUCTION FACILITIES
HHH	NATURAL GAS TRANSMISSION & STORAGE FACILITIES
HHHH	WET FORMED FIBERGLASS MAT PRODUCTION
HHHHH	MISCELLANEOUS COATING MANUFACTURING FACILITIES
I	NEGOTIATED REGS: EQUIP LEAKS, HAZ-ORGNCS
II	SHIPBUILDING & SHIP REPAIR
III	FLEXIBLE POLYURETHANE FOAM PRODUCTION
IIII	SURFACE COATING OF AUTO AND LIGHT DUTY TRUCKS
IIIII	MERCURY CELL CHLOR-ALKALI PLANTS
J	POLYVINYL CHLORIDE AND COPOLYMERS PRODUCTION
JJ	WOOD FURNITURE
JJJ	GROUP IV POLYMERS AND RESINS
JJJJ	NESHAP FOR PAPER & OTHER WEB SURFACE COATINGS
JJJJJ	BRICK & STRUCTURAL CLAY PRODUCTS
KK	PRINTING & PUBLISHING
KKKK	METAL CAN (SURFACE COATING)

SUBP	NESHAPS MACT (PART 63) DESCRIPTION
KKKKK	CLAY CERAMICS MANUFACTURING
L	COKE OVEN BATTERIES
LL	PRIMARY ALUMINUM REDUCTION PLANTS
LLL	PORTLAND CEMENT PLANTS
LLLLL	ASPHALT PROCESSING AND ASPHALT ROOFING MANUFACTURING
M	DRY CLEANERS PERCHLOROETHYLENE
MM	PULP MILL CHEMICAL RECOVERY BOILER
MMM	PESTICIDE ACTIVE INGREDIENT PRODUCTION
MMMM	MISC. METAL PARTS AND PRODUCTS SURFACE COATING OPERATIONS
MMMMM	FLEXIBLE POLYURETHANE FOAM FABRICATION OPERATIONS
N	CHROMIUM ELECTROPLATING
NNN	WOOL FIBERGLASS MANUFACTURING
NNNN	SURFACE COATING OF LARGE APPLIANCES
NNNNN	HYDROCHLORIC ACID PRODUCTION FUMED SILICA PRODUCTION
O	ETHYLENE OXIDE STERILIZERS
OO	OFF-SITE WASTE AND RECOVERY OPERATIONS - TANK STANDARDS
OOO	MANUFACTURE OF AMINO/PHENOLIC RESINS 40 CFR 63.1419
OOOO	PRINTING, COATING AND DYEING OF FABRICS AND OTHER TEXTILES
PP	OFF-SITE WASTE AND RECOVERY OPERATIONS - CONTAINER STANDARDS
PPP	POLYETHER POLYOLS PRODUCTION - MACT NESHAP
PPPP	PLASTIC PARTS (SURFACE COATING)
PPPPP	ENGINE TEST CELLS/STANDS
Q	INDUSTRIAL PROCESS COOLING TOWERS
QQ	OFF-SITE WASTE AND RECOVERY OPERATIONS - SURFACE IMPOUNDMENT
QQQ	PRIMARY COPPER
QQQQ	SURFACE COATING OF WOOD BUILDING PRODUCTS
QQQQQ	FRICTION MATERIALS MANUFACTURING FACILITIES
R	GASOLINE DISTRIBUTION
RR	OFF-SITE WASTE AND RECOVERY OPERATIONS - INDIVIDUAL DRAIN SY
RRR	SECONDARY ALUMINUM PRODUCTION
RRRR	SURFACE COATING OF METAL FURNITURE
RRRRR	TACONITE IRON ORE PRODUCTION
S	PULP AND PAPER
SS	NATL EMISS STD- CLOSED VENT SYS/CTRL DEVICES, 40 CFR 63.980
SSSS	METAL COIL
SSSSS	REFRACTORY PRODUCTS MANUFACTURING
T	HALOGENATED SOLVENT CLEANING
TT	EQUIPMENT LEAKS - CONTROL LEVEL 1
TTT	PRIMARY LEAD SMELTERS
TTTT	LEATHER FINISHING OPERATIONS
TTTTT	PRIMARY MAGNESIUM
U	ELASTOMERS & SYNTHETIC RUBBER PRODUCTION (POLYMERS/RESINS G1
UU	NTL EMISS. STD FOR EQUIP LEAKS-CONTROL 2 STD, 40 CFR 63.1019
UUU	NESHAP FOR PETROLEUM REFINERIES: CCU'S, CRU'S & SRU'S
UUUU	CELLULOSE PRODUCT MANUFACTURING
VV	OFF-SITE WASTE & RECOVERY - OIL-WATER & ORGANIC-WATER SEPARA
VVV	PUBLICLY OWNED TREATMENT WORKS - MACT NESHAP
VVVV	NEW AND EXISTING BOAT MANUFACTURING FACILITIES
W	EPOXY RESINS & NON-NYLON POLYAMIDES PRODUCTION
WW	NATL EMIS STD - STORAGE VESSELS (TANKS), 40 CFR 63.1060

SUBP	NESHAPS MACT (PART 63) DESCRIPTION
WWWW	REINFORCED PLASTIC COMPOSITES PRODUCTION
WWWWW	HOSPITAL ETHYLENE OXIDE STERILIZERS
X	SECONDARY LEAD SMELTERS
XX	ETHYLENE MPF: HEAT EXCHANGE SYSTEMS & WASTE OPERATIONS
XXX	FERROALLOY PRODUCTION
XXXX	RUBBER TIRE MANUFACTURING
Y	MARINE TANK VESSEL LOADING & UNLOADING OPERATIONS
YY	GENERIC MACT STANDARDS
YYYY	STATIONARY COMBUSTION TURBINES
YYYYY	ELECTRIC ARC FURNACE STEELMAKING AREA SOURCES
ZZZZ	RECIPROCATING INTERNAL COMBUSTION ENGINES (RICE)
ZZZZZ	IRON AND STEEL FOUNDRIES AREA SOURCES
6B	GASOLINE DISTRIBUTION BULK TERMINALS
6C	GASOLINE DISPENSING FACILITIES- AREA SOURCES
6D	POLYVINYL CHLORIDE AND COPOLYMERS PRODUCTION AREA SOURCES
6E	PRIMARY COPPER SMELTING AREA SOURCES
6F	SECONDARY COPPER SMELTING AREA SOURCES
6G	PRIMARY NONFERROUS METALS, ZN, CD AND BE AREA SOURCES
6H	PAINT STRIP & MISC SURFACE COATING OPERATIONS AREA SOURCES
6L	ACRYLIC AND MODACRYLIC FIBERS PRODUCTION AREA SOURCES
6M	CARBON BLACK PRODUCTION AREA SOURCES
6N	CHEMICAL MANUFACTURING AREA SOURCES
6O	FLEXIBLE POLYURETHANE FOAM PROD & FAB AREA SOURCES
6P	LEAD ACID BATTERY MANUFACTURING AREA SOURCES
6Q	WOOD PERSERVING AREA SOURCES
6R	CLAY CERAMICS MFG AREA SOURCES
6S	GLASS MFG AREA SOURCES
6T	SECONDARY NONFERROUS METALS AREA SOURCES
6W	PLATING AND POLISHING OPERATIONS
6X	NINE METAL FABRICATION AND FINISHING SOURCE CATEGORIES

Appendix 6

AFS Security

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement and Compliance Assurance
Office of Compliance
1200 Pennsylvania Avenue NW
Washington, DC 20460

MEMORANDUM

SUBJECT: Welcome to AFS!
TO: The Newest AFS User
FROM: Akachi Imegwu, *AFS Security Manager*

We have processed your new user profile and you will now be able to start using the largest (and *oldest*) air enforcement and compliance database in the Nation!

This informational material was developed to outline briefly the security measures for the Air Facility System (AFS), explain why these measures were developed, and to establish the requirement for compliance. It also serves as a reference for useful links to information and contacts. The following topics will be covered in this memo:

I. EPA's Security Measures for AFS
II. AFS Application Guidelines for All Users
III. Guidelines for Handling Enforcement - Sensitive Data
IV. Protecting Your Password
V. Logging in for the First Time
VI. Training Movie on the Web: AFS Rules of Behavior
VII. Summary Remarks
VIII. Useful Links and Contacts

I. EPA's SECURITY MEASURES FOR AFS

The security measures for AFS are intended to protect the air compliance data that State and local agencies periodically submit to EPA. This protection includes measures to protect against unauthorized modification or loss of data, while at the same time protecting the underlying computer system that EPA operates.

AFS is an ADABAS database management system located on EPA's National Computer Center (NCC) mainframe. As such, AFS follows the security procedures set forth by the NCC which primarily involves the use of User Accounts, User IDs, passwords and ADABAS/Natural Security. Briefly, these procedures require:

- Any individual wanting to access data in the AFS database must have authorization to use a mainframe account and obtain an NCC User ID. The ID and a secure password (determined by the User) must be used when accessing the NCC mainframe and the AFS data base. State and local agency Users are given limited update authority (i.e., they may only add or modify data for their particular agency).
- A User ID is only assigned to an individual (rather than an agency) and only to an individual that is recommended for access by the State or local agency (in writing) and approved by the appropriate EPA Regional Office AFS contact and Regional RACF Administrator.

Individuals granted User IDs have a responsibility to use them in an appropriate manner at all times and ensure that the access they have been personally granted is not shared with others (either deliberately or inadvertently).

II. AFS APPLICATION GUIDELINES FOR ALL USERS

AFS supports EPA, as well as State and local agencies, needing information to carry out air compliance management programs. All AFS users must ensure that the AFS application and its data are protected from loss, misuse, and unauthorized access or modification.

There are certain security practices and procedures that should be followed to minimize the potential misuse or damage to the AFS database. Some of these include:

- *Be familiar with the security policies and practices* involving the AFS application, especially those for confidential or sensitive information.
- *Maintain security for the application* by correctly using established security mechanisms (use of unique user ID and password) and practices when accessing the AFS application.
- *Do not attempt to view, change, or delete data* unless you are authorized to do so.
- Do not use *your system privileges to obtain data/files or run applications for anyone* who is not authorized to view or use data that are sensitive.
- *Be alert* to potential threats to corrupt or destroy the AFS application and database.
- Ensure that *no one person has sole access* to, or control over, AFS information and processing resources.
- *Guard user ID and password.* Do not loan out to others.

III. GUIDELINES FOR HANDLING ENFORCEMENT-SENSITIVE DATA

It is paramount that any sensitive information (e.g., enforcement, compliance) in the AFS application is protected from unauthorized access. Keep in mind the following:

- Be sure to *provide only authorized personnel with sensitive data* (whether the data are on your screen, on paper or in an electronic file).
- When viewing or processing confidential or sensitive data, *be sure the PC is in a non-traffic area and that only persons authorized to see the data* are in the area.
- *Protect all documents, reports and files containing sensitive data.* Be sure that they are labeled "ENFORCEMENT-SENSITIVE."
- *Destroy sensitive documents* by shredding when finished with them.
- *Safeguard* sensitive data. Do not store to your hard drive, safeguard your diskettes.
- Log off your computer when you are away from your work station!
- Lock up or put away sensitive data.

IV. PROTECTING YOUR PASSWORD

Review the following tips for protecting your password:

- Control access to your PC. Log out whenever you leave your machine.
- Change your application password every 90 days. Use at least 8 alphanumeric characters in your application password.
- Do not use family names, birthdays, sports teams' names, or words that can be found in the dictionary.
- Do not use consecutive keys on a keyboard or all the same character.
- Use new passwords. Do not use the last 8 versions of your password.
- If you believe your password has been compromised, change it immediately.
- Memorize your password rather than writing it down somewhere.

Notify the AFS System Administrator (Betsy Metcalf 202-564-5962) or AFS Security Manager (Akachi Imegwu 202-564-0045) immediately of security incidents. Notify your Regional AFS Compliance Manager when you no longer need access to the application.

V. LOGGING IN FOR THE FIRST TIME

This initial log in may require extra time to understand the various information displays. However, once you have successfully logged in, you may find it useful to keep in mind the following in reference to your JCL (Java Control Language) default:

ACCOUNT	: _____
FIMAS	: _____
TIME (MMMM)	: _____
TIME (SS)	: ____
PRIORITY CODE	: ____
MSGCLASS	: _____
NUMBER OF COPIES	: _____
FORM NUMBER	: _____
ROOM/BIN NUMBER	: _____
HOLD OUTPUT? (Y/N)	: ___
PRINTER SITE ID	: _____

Account Code: This is your NCC account code (Ex: AIR3, YNYA, etc)
FIMAS ID: use "AFSCP"
Time: Enter 6:40 for six minutes and 40 seconds
Priority: Use '1' unless approved by your Regional AFS Compliance Manager to use a different priority code.
2 (Prime time; 7:00am – 7:00pm Mon-Fri)
1 (Overnight; 7:00pm – 7:00am Mon – Fri)
0 (Weekend; Fri. 7:00pm – Mon 7:00am)
MSGCLASS: This is usually "A"
Number of Copies: "1"
Form Number: This is usually blank
Room/Bin Number: Take your User ID and put an 'M' in front of it. Ex: MIAJ, MKGQ, etc
Hold Output: "Y"
Printer Site ID: enter 'HOLD' or 'R255'

Please call your AFS Compliance Manager if you need assistance with your initial log in!

VI. TRAINING MOVIE ON THE WEB: AFS RULES OF BEHAVIOR

Recently we have launched an AFS training course through the National Enforcement Training Institute (NETI) web portal which will allow you to watch a training film online explaining these rules. Please see below for viewing instructions.

Instructions for Viewing AFS Rules of Behavior Training Film

*Please keep in mind the following as you prepare to view the courses 1) The training movie is best viewed if your desktop resolution is set to **1280 x 1024** pixels; 2) The courses have a sound component to them and you will need to adjust the volume depending on your surroundings.*

1. Go to www.netionline.com and logon with your account/password. If you don't have a NETI account and password, click the *New User Registration* link, complete the necessary information, and submit. You will receive a response promptly.
2. After logging in, select the *Schedule* link under the "Quick Links" heading in the upper left of the website.
3. Find the **AFS 901: Air Facility System (AFS) Training** course under the "Web Based Courses" heading towards the bottom of the page.
4. Select the *Register* link. You will receive a confirmation message upon completion of registration.
5. After confirmation, go to the *Classroom* link under the "Menu" heading on the left.
6. Find the **AFS 901: Air Facility System (AFS) Training** under the "My Classrooms" heading.

7. Select the *Enter Classroom* link.
8. Select the *Launch the Online Course* link under the "Course Activities" heading.
9. Select the *AFS Rules of Behavior* course from the "AFS Training Movie Main Menu" heading. The course will launch in a separate window.

Your opinion is important to us! After viewing the film(s) please provide your comments and suggestions.

VII. SUMMARY REMARKS

This information was compiled to assure that the contents and integrity of AFS data will be secure. In order to maintain security for the data provided in AFS, we suggest that the guidelines above be followed. The security measures that have been established are designed to protect the data that State and local agencies submit, while at the same time protecting the computer systems that EPA operates.

Any questions concerning the above information should be referred to Akachi Imegwu, AFS Security Manager, at (202) 564-0045.

VIII. USEFUL LINKS AND CONTACTS

CONTACTS

Your Regional AFS Compliance Managers will be your main point of contact for information on AFS.

EPA REGION	CONTACT NAME	PHONE
1	Beth Kudarauskas	617 918-1564
2	Steve Carrea	212-637-3498
2	Phillip Ritz	212-637-4064
3	Louvinia Madison-Glenn	215-814-5704
4	Ahmed Amanulah	404-562-9209
5	Lisa Holscher	312-866-6818
6	Pam Elder-Schweers	214-665-7463
7	Joe (Hugh) McCullough	913-551-7191
8	Jocelyn Hoffman	303-312-6232
8	Jeffrey Mosal	303-312-6802
9	Linda Barajas-Porter	415-947-4131
9	John Borton	415-972-3985
10	Laurie Kral	206-553-1868

Also keep note of the AFS Help Line, which is available Mon – Fri from 8:15am to 5:00pm Eastern time for questions concerning connectivity, data entry or data extraction at 1-800-367-1044.

The NCC Support Line is available for further technical assistance at: 1-866-411-4372.

DOCUMENTATION

Navigate to the AFS web site at: http://www.epa.gov/compliance/data/systems/air/afssystem.html for the following documents:

AFS Business Rules

AFS Data Dictionary
Universal Interface
A comprehensive listing of national and regional action types
News on Upcoming Events
Clean Air Act Enforcement
and more!

The following additional websites may prove useful in your search for information:

Enforcement and Compliance History Online (ECHO): http://www.epa.gov/echo/
Online Targeting Information System (OTIS): http://www.epa.gov/idea/otis/
EPA's Enforcement and Compliance Assurance: http://www.epa.gov/compliance/index.html
EPA's central Facility Registry System (FRS): http://www.epa.gov/enviro/html/fii/fii_query_java.html
TRC website (EPA Contractor) https://pops.trcsolutions.com/pops (login id=afsuser, password=airs, domain=client)

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Appendix 7

Acronyms Used in this Document

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Acronyms used in this Document

Note: Items listed in italicized, bold print are acronyms specific to the Air Facility System (AFS)

A

AFS: Air Facility System
APC1: Air program Code
APO: Administrative Penalty Order
ASPN: Permit Number
AST1: Air Program Operating Status

B – C

CAA: Clean Air Act
CAPP: Chemical Abstract Service Number
CASN: Chemical Abstract Service Number
CCB: Configuration Control Board
CEM: Continuous Emission Monitor
CFC: Chlorofluorocarbons
CMS: Compliance Monitoring Strategy
CNTY: County Code
COFA: Closeness of Fit Analysis
CMSC: Compliance Monitoring Strategy Category
CMSI: Compliance Monitoring Strategy Frequency Indicator
CYNM: City Name

D – E

DADS: HPV Discovery Action Type description
DADT: HPV Discovery Date
DATP: HPV Discovery Action Type
DCL1: Default Plant Classification
DTA1: Date Achieved

F

FACIL: Facility
FCE: Full Compliance Evaluation
FESOP: Federally Enforceable State Operating Permit
FIP: Federal Information Procedures System
FRS: Facility Registry System
FTP: File Transfer Protocol

G

GOVT: Governmental Facility Code
GPRA: Government Results and Performance Act

H

HAP: Hazardous Air Pollutants
HPV: High Priority Violators

I

ICR: Information Collection Request
ICIS: Integrated Compliance Information System

J - M

LCON: Local Control Region
MACT: Maximum Achievable Control Technology
MDR: Minimum Data Requirements

N

NAAQS: National Ambient Air Quality Standards
NAICS: North American Industrial Classification System
NESHAP: National Emission Standard for Hazardous Air Pollutants
NOV: Notice of Violation
NSPS: New Source Performance Review
NSR: New Source Review

O

OAQPS: Office of Air Quality Planning Standards
OECA: Office of Enforcement and Compliance Assurance
OTIS: Online Targeting and Information System

P

PAM1: Penalty Amount
PATY: Permit Action Type
PCDS: CDS Plant ID
PCE: Partial Compliance Evaluation
PDEA: Permit Date Event Achieved
PLAP: Pollutant Code
PLC1: Pollutant Code
PMTC: Permit Category
PNME: Plant Name
PPDE: Permit Program Data Elements
PSD: Prevention of Significant Deterioration

Q - R

RATA: Relative Accuracy Test Audit
RD08: Regional Data Element 8 (aka RD81)
RD16: Regional Data Element 16
RD81: Regional Data Element 8
RECAP: Reporting for Enforcement and Compliance Assurance Priorities
RMRR: Routine Maintenance, Repair and Replacement
RSC1: Results Code

S

SATN: State Pollutant Attainment Indicator
SCAP: State Pollutant Compliance Status
SCLP: State Pollutant Classification Code
SCL1: State Classification Code
SCNC: SIC/NAICS
SCSC: State-County-Plant ID
SEP: Supplemental Environmental Project
SIC: Standard Industrial Classification
SIC1: Standard Industrial Classification Code
SIP: State Implementation Plan
SM: Synthetic Minor
SPT1: Subpart
STAB: State Abbreviation
STRS: State Registration Number
STRT: Street Address
STTE: State Code
SV: Significant Violator

T

T&A: Timely and Appropriate
TAR: Tribal Authorization Plan
TIP: Tribal Implementation Plan

U - Z

VTP1: Violation Type Code(s)
VPL1: Violating Pollutant(s)
ZIPC: Zip Code

Appendix 8

Change/Update Request Form

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CHANGE/UPDATE REQUEST FORM

DATE: _____

TO: EPA Regional AFS Compliance Manager

FROM: e _____Nam_____

Title _____

Agency _____

s Addres _____

_____

Phone _____

mail e _____

I would like to request the following change/update to the AFS Business Rules Compendium:
(please describe the change, include the appropriate page number, version of the document you are using, and appropriate section of the document for your changes/update/additions)

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Appendix 9

AFS Schedule of Monthly Utilities

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january 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28 dec.	29	30	31	1 **Federal Holiday**	2 NIGHTLY BATCH CDE DEL OLD CDE	3 BATCH CLEANUP HPV CLEANUP
4	5 NIGHTLY BATCH CDE DEL OLD CDE	6 NIGHTLY BATCH CDE DEL OLD CDE	7 NIGHTLY BATCH CDE DEL OLD CDE	8 NIGHTLY BATCH CDE DEL OLD CDE	9 NIGHTLY BATCH CDE DEL OLD CDE	10 BATCH CLEANUP HPV CLEANUP
11	12 NIGHTLY BATCH CDE DEL OLD CDE	13 NIGHTLY BATCH CDE DEL OLD CDE	14 NIGHTLY BATCH CDE DEL OLD CDE Cmpl Mgr's call	15 NIGHTLY BATCH CDE DEL OLD CDE	16 NIGHTLY BATCH CDE DEL OLD CDE	17 BATCH CLEANUP HPV CLEANUP
18	19 **Federal Holiday** MLK HOLIDAY	20 NIGHTLY BATCH CDE DEL OLD CDE	21 NIGHTLY BATCH CDE DEL OLD CDE NATL AFS CALL	22 NIGHTLY BATCH CDE DEL OLD CDE	23 NIGHTLY BATCH CDE DEL OLD CDE	24 BATCH CLEANUP HPV CLEANUP
25	26 NIGHTLY BATCH CDE DEL OLD CDE	27 NIGHTLY BATCH CDE DEL OLD CDE	28 NIGHTLY BATCH CDE DEL OLD CDE UNK-GEN&UNGEN	29 NIGHTLY BATCH CDE DEL OLD CDE COMPL HISTORY	30 NIGHTLY BATCH CDE DEL OLD CDE	31 BATCH CLEANUP HPV CLEANUP

notes:

NEW CMS FLAGS FOR FY09 SHOULD BE LOADED INTO AFS BY JANUARY 31, 2009

february 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 NIGHTLY BATCH CDE DEL OLD CDE	3 NIGHTLY BATCH CDE DEL OLD CDE	4 NIGHTLY BATCH CDE DEL OLD CDE	5 NIGHTLY BATCH CDE DEL OLD CDE	6 NIGHTLY BATCH CDE DEL OLD CDE	7 BATCH CLEANUP HPV CLEANUP
8	9 NIGHTLY BATCH CDE DEL OLD CDE	10 NIGHTLY BATCH CDE DEL OLD CDE	11 NIGHTLY BATCH CDE DEL OLD CDE	12 NIGHTLY BATCH CDE DEL OLD CDE	13 NIGHTLY BATCH CDE DEL OLD CDE	14 BATCH CLEANUP HPV CLEANUP
15	16 **Federal Holiday** WASHINGTON'S BD	17 NIGHTLY BATCH CDE DEL OLD CDE	18 NIGHTLY BATCH CDE DEL OLD CDE	19 NIGHTLY BATCH CDE DEL OLD CDE	20 NIGHTLY BATCH CDE DEL OLD CDE	21 BATCH CLEANUP HPV CLEANUP
22	23 NIGHTLY BATCH CDE DEL OLD CDE	24 NIGHTLY BATCH CDE DEL OLD CDE	25 NIGHTLY BATCH CDE DEL OLD CDE UNK-GEN&UNGEN	26 NIGHTLY BATCH CDE DEL OLD CDE COMPL HISTORY	27 NIGHTLY BATCH CDE DEL OLD CDE	28 BATCH CLEANUP HPV CLEANUP
1 mar.	2	3	4	5	6	7

notes:

march 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 NIGHTLY BATCH CDE DEL OLD CDE	3 NIGHTLY BATCH CDE DEL OLD CDE	4 NIGHTLY BATCH CDE DEL OLD CDE	5 NIGHTLY BATCH CDE DEL OLD CDE	6 NIGHTLY BATCH CDE DEL OLD CDE	7 BATCH CLEANUP HPV CLEANUP
8	9 NIGHTLY BATCH CDE DEL OLD CDE	10 NIGHTLY BATCH CDE DEL OLD CDE	11 NIGHTLY BATCH CDE DEL OLD CDE	12 NIGHTLY BATCH CDE DEL OLD CDE	13 NIGHTLY BATCH CDE DEL OLD CDE	14 BATCH CLEANUP HPV CLEANUP
15	16 NIGHTLY BATCH CDE DEL OLD CDE	17 NIGHTLY BATCH CDE DEL OLD CDE AFS NATL WS	18 NIGHTLY BATCH CDE DEL OLD CDE AFS NATL WS	19 NIGHTLY BATCH CDE DEL OLD CDE AFS NATL WS	20 NIGHTLY BATCH CDE DEL OLD CDE	21 BATCH CLEANUP HPV CLEANUP
22	23 NIGHTLY BATCH CDE DEL OLD CDE	24 NIGHTLY BATCH CDE DEL OLD CDE	25 NIGHTLY BATCH CDE DEL OLD CDE	26 NIGHTLY BATCH CDE DEL OLD CDE UNK-GEN&UNGEN	27 NIGHTLY BATCH CDE DEL OLD CDE COMPL HISTORY	28 BATCH CLEANUP HPV CLEANUP
29	30 NIGHTLY BATCH CDE DEL OLD CDE QTRLY COMPL	31 NIGHTLY BATCH CDE DEL OLD CDE FY09 2ND QTR	1 Apr.	2	3	4

notes:

april 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29 mar.	30	31	1	2	3	4
			NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
			CDE	CDE	CDE	HPV CLEANUP
			DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
5	6	7	8	9	10	11
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
	CDE	CDE	CDE	CDE	CDE	HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
12	13	14	15	16	17	18
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
	CDE	CDE	CDE	CDE	CDE	HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
19	20	21	22	23	24	25
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
	CDE	CDE	CDE	CDE	CDE	HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
26	27	28	29	30	1 may	2
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH		
	CDE	CDE	CDE	CDE		
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE		
		UNK-GEN&UNGEN	COMPL HISTORY			

notes:

may 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26 apr.	27	28	29	30	1	2
					NIGHTLY BATCH CDE DEL OLD CDE	BATCH CLEANUP HPV CLEANUP
3	4	5	6	7	8	9
	NIGHTLY BATCH CDE DEL OLD CDE	NIGHTLY BATCH CDE DEL OLD CDE	NIGHTLY BATCH CDE DEL OLD CDE	NIGHTLY BATCH CDE DEL OLD CDE	NIGHTLY BATCH CDE DEL OLD CDE	BATCH CLEANUP HPV CLEANUP
10	11	12	13	14	15	16
	NIGHTLY BATCH CDE DEL OLD CDE	NIGHTLY BATCH CDE DEL OLD CDE	NIGHTLY BATCH CDE DEL OLD CDE	NIGHTLY BATCH CDE DEL OLD CDE	NIGHTLY BATCH CDE DEL OLD CDE	BATCH CLEANUP HPV CLEANUP
17	18	19	20	21	22	23
	NIGHTLY BATCH CDE DEL OLD CDE	NIGHTLY BATCH CDE DEL OLD CDE	NIGHTLY BATCH CDE DEL OLD CDE	NIGHTLY BATCH CDE DEL OLD CDE	NIGHTLY BATCH CDE DEL OLD CDE	BATCH CLEANUP HPV CLEANUP
24	25 **Federal Holiday** MEMORIAL DAY	26	27	28	29	30
		NIGHTLY BATCH CDE DEL OLD CDE	NIGHTLY BATCH CDE DEL OLD CDE UNK-GEN&UNGEN	NIGHTLY BATCH CDE DEL OLD CDE COMPL HISTORY	NIGHTLY BATCH CDE DEL OLD CDE	BATCH CLEANUP HPV CLEANUP
31	1 Jun.	2	3	4	5	6

notes:

FY09 DATA (10/10/2008-03/31/2008) DUE INTO AFS BY 05/31/2008

june 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
31	1 NIGHTLY BATCH CDE DEL OLD CDE FY09 MID YEAR	2 NIGHTLY BATCH CDE DEL OLD CDE FY09 MID YEAR	3 NIGHTLY BATCH CDE DEL OLD CDE FY09 MID YEAR	4 NIGHTLY BATCH CDE DEL OLD CDE FY09 MID YEAR	5 NIGHTLY BATCH CDE DEL OLD CDE FY09 MID YEAR	6 BATCH CLEANUP HPV CLEANUP
7	8 NIGHTLY BATCH CDE DEL OLD CDE	9 NIGHTLY BATCH CDE DEL OLD CDE	10 NIGHTLY BATCH CDE DEL OLD CDE	11 NIGHTLY BATCH CDE DEL OLD CDE	12 NIGHTLY BATCH CDE DEL OLD CDE	13 BATCH CLEANUP HPV CLEANUP
14	15 NIGHTLY BATCH CDE DEL OLD CDE	16 NIGHTLY BATCH CDE DEL OLD CDE	17 NIGHTLY BATCH CDE DEL OLD CDE	18 NIGHTLY BATCH CDE DEL OLD CDE	19 NIGHTLY BATCH CDE DEL OLD CDE	20 BATCH CLEANUP HPV CLEANUP
21	22 NIGHTLY BATCH CDE DEL OLD CDE	23 NIGHTLY BATCH CDE DEL OLD CDE	24 NIGHTLY BATCH CDE DEL OLD CDE	25 NIGHTLY BATCH CDE DEL OLD CDE UNK-GEN&UNGEN	26 NIGHTLY BATCH CDE DEL OLD CDE COMPL HISTORY	27 BATCH CLEANUP HPV CLEANUP
28	29 NIGHTLY BATCH CDE DEL OLD CDE QTRLY COMPL	30 NIGHTLY BATCH CDE DEL OLD CDE	1 jul.	2	3	4

notes:

july 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28 jun.	29	30	1	2	3 **Federal Holiday**	4
			NIGHTLY BATCH	NIGHTLY BATCH		BATCH CLEANUP
			CDE	CDE		HPV CLEANUP
			DEL OLD CDE	DEL OLD CDE		
					INDEPENDENCE HOLIDAY	INDEPENDENCE DAY
5	6	7	8	9	10	11
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
	CDE	CDE	CDE	CDE	CDE	HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
12	13	14	15	16	17	18
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
	CDE	CDE	CDE	CDE	CDE	HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
19	20	21	22	23	24	25
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
	CDE	CDE	CDE	CDE	CDE	HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
26	27	28	29	30	31	1 aug.
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	
	CDE	CDE	CDE	CDE	CDE	
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
			UNK-GEN&UNGEN	COMPL HISTORY		

notes:

august 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26 jul.	27	28	29	30	31	1 BATCH CLEANUP HPV CLEANUP
2	3 NIGHTLY BATCH CDE DEL OLD CDE	4 NIGHTLY BATCH CDE DEL OLD CDE	5 NIGHTLY BATCH CDE DEL OLD CDE	6 NIGHTLY BATCH CDE DEL OLD CDE	7 NIGHTLY BATCH CDE DEL OLD CDE	8 BATCH CLEANUP HPV CLEANUP
9	10 NIGHTLY BATCH CDE DEL OLD CDE	11 NIGHTLY BATCH CDE DEL OLD CDE	12 NIGHTLY BATCH CDE DEL OLD CDE	13 NIGHTLY BATCH CDE DEL OLD CDE	14 NIGHTLY BATCH CDE DEL OLD CDE	15 BATCH CLEANUP HPV CLEANUP
16	17 NIGHTLY BATCH CDE DEL OLD CDE	18 NIGHTLY BATCH CDE DEL OLD CDE	19 NIGHTLY BATCH CDE DEL OLD CDE	20 NIGHTLY BATCH CDE DEL OLD CDE	21 NIGHTLY BATCH CDE DEL OLD CDE	22 BATCH CLEANUP HPV CLEANUP
23	24 NIGHTLY BATCH CDE DEL OLD CDE	25 NIGHTLY BATCH CDE DEL OLD CDE	26 NIGHTLY BATCH CDE DEL OLD CDE	27 NIGHTLY BATCH CDE DEL OLD CDE UNK-GEN&UNGEN	28 NIGHTLY BATCH CDE DEL OLD CDE COMPL HISTORY	29 BATCH CLEANUP HPV CLEANUP
30	31 NIGHTLY BATCH CDE DEL OLD CDE	1 sep.	2	3	4	5

notes:

september 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30 aug.	31	1	2	3	4	5
		NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
		CDE	CDE	CDE	CDE	HPV CLEANUP
		DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
6	7	8	9	10	11	12
	Federal Holiday					
		NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
		CDE	CDE	CDE	CDE	HPV CLEANUP
		DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
	LABOR DAY					
13	14	15	16	17	18	19
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
	CDE	CDE	CDE	CDE	CDE	HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
20	21	22	23	24	25	26
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
	CDE	CDE	CDE	CDE	CDE	HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
					UNK-GEN&UNGEN	
27	28	29	30	1 oct.	2	3
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH			
	CDE	CDE	CDE			
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE			
	COMPL HISTORY	QTRLY COMPL				

notes:

FY09 DATA (10/1/2008-09/30/2009) DUE IN AFS BY 11/30/2009

october 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
27 sep.	28	29	30	1	2	3
				NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
				CDE	CDE	HPV CLEANUP
				DEL OLD CDE	DEL OLD CDE	
				Historic CMS		
				FY10 BEGINS		
4	5	6	7	8	9	10
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
	CDE	CDE	CDE	CDE	CDE	HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
11	12	13	14	15	16	17
	Federal Holiday					
		NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
		CDE	CDE	CDE	CDE	HPV CLEANUP
		DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
	COLUMBUS DAY					
18	19	20	21	22	23	24
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
	CDE	CDE	CDE	CDE	CDE	HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
25	26	27	28	29	30	31
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
	CDE	CDE	CDE	CDE	CDE	HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
			UNK-UNGEN ONLY	COMPL HISTORY		

notes:

november 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 NIGHTLY BATCH CDE DEL OLD CDE	3 NIGHTLY BATCH CDE DEL OLD CDE	4 NIGHTLY BATCH CDE DEL OLD CDE	5 NIGHTLY BATCH CDE DEL OLD CDE	6 NIGHTLY BATCH CDE DEL OLD CDE	7 BATCH CLEANUP HPV CLEANUP
8	9 NIGHTLY BATCH CDE DEL OLD CDE	10 NIGHTLY BATCH CDE DEL OLD CDE	11 **Federal Holiday** VETERAN'S DAY	12 NIGHTLY BATCH CDE DEL OLD CDE	13 NIGHTLY BATCH CDE DEL OLD CDE	14 BATCH CLEANUP HPV CLEANUP
15	16 NIGHTLY BATCH CDE DEL OLD CDE	17 NIGHTLY BATCH CDE DEL OLD CDE	18 NIGHTLY BATCH CDE DEL OLD CDE	19 NIGHTLY BATCH CDE DEL OLD CDE	20 NIGHTLY BATCH CDE DEL OLD CDE	21 BATCH CLEANUP HPV CLEANUP
22	23 NIGHTLY BATCH CDE DEL OLD CDE	24 NIGHTLY BATCH CDE DEL OLD CDE UNK-UNGEN ONLY	25 NIGHTLY BATCH CDE DEL OLD CDE COMPL HISTORY	26 **Federal Holiday** THANKSGIVING	27 NIGHTLY BATCH CDE DEL OLD CDE	28 BATCH CLEANUP HPV CLEANUP
29	30 NIGHTLY BATCH CDE DEL OLD CDE	1 dec.	2	3	4	5

notes:

december 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29 nov.	30	1	2	3	4	5
		NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
		CDE	CDE	CDE	CDE	HPV CLEANUP
		DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
		FY09 EOY REVIEW	FY09 EOY REVIEW	FY09 EOY REVIEW	FY09 EOY REVIEW	
6	7	8	9	10	11	12
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
	CDE	CDE	CDE	CDE	CDE	HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
13	14	15	16	17	18	19
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	BATCH CLEANUP
	CDE	CDE	CDE	CDE	CDE	HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	
20	21	22	23	24	25	26
					Federal Holiday	
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH		BATCH CLEANUP
	CDE	CDE	CDE	CDE		HPV CLEANUP
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE		
					CHRISTMAS	
27	28	29	30	31	1 jan.	2
	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH	NIGHTLY BATCH		
	CDE	CDE	CDE	CDE		
	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE	DEL OLD CDE		
	UNK-GEN&UNGEN	COMPL HISTORY	QTRLY COMPL			

notes:

Appendix 10

AFS Contingency Planning Data Entry Forms

BACKGROUND

The Air Facility System (AFS) contains compliance, enforcement and permit data for stationary sources of air pollution regulated by the US EPA and state and local air pollution agencies. This information is used by the environmental regulatory community to track the compliance of stationary sources with various programs regulated under the Clean Air Act.

In the event of a disaster resulting in AFS being inaccessible nationally, a user should, *as much as is practicable* :
1. Notify the relevant personnel
2. Ensure that data is recorded as is detailed in the AFS Contingency Data Entry Form
3. Return the recorded data to EPA at scheduled intervals

In order to maintain a continuity of operations, the following workbook containing 12 worksheets (*each worksheet representing an AFS record*) has been developed to facilitate the recording of AFS data in the event of a disaster. **It is recommended that this worksheet be printed out so that a hardcopy is available in the event that your computer system is unavailable**.

INSTRUCTIONS FOR COMPLETING THIS WORKBOOK

The top of each worksheet includes a additional information in the upper left hand. Please read the notes for specific information pertaining to that worksheet. And be sure to enter in all of the Minimum Data Requirements (MDRs). The following worksheets are enclosed in this workbook:

Compliance Enforcement *(worksheets prefixed with "CE")*
- Plant General
- Air Program
- Air Program Pollutant
- Action

Permits *(worksheets prefixed with "P")*
- Permit
- Permit Event

Continuous Emissions Monitoring *(worksheets pre-fixed with "CEM")*
- Point
- Air Program
- Monitor
- Excess Emission Report

Compliance Monitoring Strategy *(worksheets titled "CMS")*
- CMS

Comment *(worksheets titled "Comment")*
- Comment

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Technical Support Mailbox: afs-support@epa.gov

Please be sure to keep in contact with your respective Regional AFS Compliance Manager

NOTE
The Plant General Record contains identification information on a source.

Use the FIPS Code for entering the State and County code.

Fields in Yellow contain minimum data requrements.

TABLE DESCRIPTION
STTE -- State Code
CNTY -- County Code
PCDS -- Plant ID
PNME -- Plant Name
STRT -- Street Address
CYCD -- City Code
CYNM -- City Name
ZIPC -- Zip Code
SIC1 -- Primary SIC Code
GOVT -- Governmental Facility Code
NIC1 -- NAICS Code
STRS -- State Registration Number
LCON -- Local Control Region
PAFS -- AFS ID

STTE	CNTY	PCDS	PNME	STRT	CYCD	CYNM	ZIPC	SIC1	GOVT	NIC1	STRS	LCON	PAFS

NOTE

The Air Program record contains information on the regulatory program of the Clean Air Act that is applicable to a source

Fields in yellow contain minimum data .requirements

TABLE DESCRIPTION

STTE -- State Code
CNTY -- County Code
PCDS -- Plant ID
APC1 -- Air Program Code
AST1 -- Air Program Operating Status
SPT1 -- CFR Subparts 1 thru 12

STTE	CNTY	PCDS	APC1	AST1	SPT1 CFR SP 1	SPT1 CFR SP 2	SPT1 CFR SP 3	SPT1 CFR SP 4	SPT1 CFR SP 5	SPT1 CFR SP 6	SPT1 CFR SP 7	SPT1 CFR SP 8	SPT1 CFR SP 9	SPT1 CFR SP 10	SPT1 CFR SP 11	SPT1 CFR SP 12

NOTE

Each source in AFS is required to have at least one air program and one air program pollutant. Every applicable air program for a source must have at least one air program pollutant.

Fields in yellow contain minimum data requirements.

ECAP, ECLP, & EATT will be populated by the EPA.

TABLE DESCRIPTION

STTE -- State Code
CNTY -- County Code
PCDS -- Plant ID
APC1 -- Air Program
PLAP -- Pollutant
CAPP -- Chemical Abstract Service Number
SCAP -- State Compliance Status
SCLP -- State Class
SATT -- State Attainment Indicator
ECAP -- EPA Compliance Status
ECLP -- EPA CLass
EATT -- EPA Attainment Indicator

STTE	CNTY	PCDS	APC1	PLAP	CAPP	SCAP	SCLP	SATT	ECAP	ECLP	EATT

TABLE DESCRIPTION

STTE -- State Code
CNTY -- County Code
PCDS -- Plant ID
ANU1 -- Action Number
KAN1 -- Key Action Number
ACS1 -- Air Program Code (1 thru 6)
ATP1 -- Action Type
DTS1 -- Date Scheduled
DTA1 -- Date Achieved
PAM1 -- Penalty Amount
RSC1 -- Results Code
SCC1 -- Staff Code
PLC1 -- Pollutant
CAA1 -- CAS Number
RD81 -- RDE 8
R161 -- RDE 16
LDC1 -- Lead Agency
VID1 -- Violating Identifier
VTP1 -- Violation Type Code (1 thru 7)
VPL1 -- Violating Pollutant (1 thur 3)

NOTE

The Action record contains information on the various activities that have taken place at a source. The fields in Yellow contain minimum data requirements. Further notes are as follows:

-**Key Action Number (KAN1)** is an MDR for violation pathways.
-**Results Code (RSC1)** Pass/Fail/Pending (PP/FF/99) codes are reported for Stack Test actions.
-**RD08 Certification Deviations (RD81)** EPA reports into AFS unless otherwise negotiated. Deviations are reported by EPA: Y= Yes, N=No, or a number of deviations reported may be entered. Note: Compliance status is to be reported in the Results Code field: MC=In Compliance, MV= In Violation, MU = Unknown.
-**Date Scheduled (DTS1)** Due Date of a Title V ACC will be reported as Date Scheduled on the "Title V ACC Due/Received by EPA" action, and is not enforcement sensitive.

MINIMUM DATA REQUIREMENTS -- MINIMUM REPORTABLE ACTIONS

Actions are to be Reported within 60 Days of Event as reported in the Date Achieved (DTA1) field of the action record for state and local agencies [with a minimum upload of six (6) times per year].

- **Informal Enforcement Actions:** Notice of Violation(s)
- **Formal Enforcement Actions**: Administrative Order(s) and Assessed Penalties, Consent Decrees and Agreements, Civil and Criminal Referrals, Civil and Criminal Actions
- **Title V Annual Compliance Certification [ACC] Reviewed:** Includes Results Codes for ACC reviews: in compliance (MC), in violation (MV) and unknown (MU). ACC deviations(s) will be indicated in RD08 for EPA reviews (and state reviews as negotiated).
- **HPV Violation Discovered:** Linked actions are FCEs, PCEs, Stack Tests (Observed or Reviewed), Title V ACCs, Stack Test Notification Receipt
- **HPV Addressing Actions:** Linked actions include but are not limited to State/EPA Civil or Criminal Referrals, State/EPA Civil or Criminal Actions, Administrative Orders, Consent Decrees, Source Returned to Compliance by State/EPA with no Further Action Required.
- **HPV Resolving Actions:** Linked actions include but are not limited to Violation Resolved, Closeout Memo Issued, Source Returned to Compliance by State/EPA with no Further Action Required.
- **Full Compliance Evaluations** (On or Off Site)
- **Stack Tests:** Pass/Fail/Pending codes (PP/FF/99) are reported in the results code field, pending codes must be updated within 120 days.
- **Title V Annual Compliance Certification Due/Received:** Reported by EPA unless otherwise negotiated. The Due Date of a Title V ACC will be reported as Date Scheduled on the "Title V ACC Due/Received by EPA" action, and is not enforcement sensitive.
- **Investigations:** EPA Investigation Initiated (started) and State/EPA Investigation Conducted (finished). State Investigation Initiated is added for optional use. EPA and State Investigation Initiated (started) action types are enforcement sensitive.

STTE	CNTY	PCDS	ANU1	KAN1	ACS1 AP Code 1	ACS1 AP Code 2	ACS1 AP Code 3	ACS1 AP Code 4	ACS1 AP Code 5	ACS1 AP Code 6	ATP1	DTS1	DTA1	PAM1	RSC1	SCC1	PLC1	CAA1	RD81

STTE	CNTY	PCDS	ANU1	KAN1	ACS1 AP Code 1	ACS1 AP Code 2	ACS1 AP Code 3	ACS1 AP Code 4	ACS1 AP Code 5	ACS1 AP Code 6	ATP1	DTS1	DTA1	PAM1	RSC1	SCC1	PLC1	CAA1	RD81

R161	LDC1	VID1	VTP1 Type Code 1	VTP1 Type Code 2	VTP1 Type Code 3	VTP1 Type Code 4	VTP1 Type Code 5	VTP1 Type Code 6	VTP1 Type Code 7	VPL1 Pollutant 1	VPL1 Pollutant 2	VPL1 Pollutant 3

R161	LDC1	VID1	VTP1 Type Code 1	VTP1 Type Code 2	VTP1 Type Code 3	VTP1 Type Code 4	VTP1 Type Code 5	VTP1 Type Code 6	VTP1 Type Code 7	VPL1 Pollutant 1	VPL1 Pollutant 2	VPL1 Pollutant 3

NOTE

AFS Compliance Monitoring Strategy record contains information on stationary source air compliance monitoring programs.

Fields in Yellow contain minimum data requirements.

TABLE DESCRIPTION

STTE -- State Code
CNTY -- County Code
PCDS -- Plant ID
CMSC -- Source Category
CMSI -- CMS Min Frequency Indicator
CMYA -- Fiscal Year of FCE A
CMOA -- On Site Visit Indicator A
CMYB -- Fiscal Year of FCE B
CMOB -- On Site Visit Indicator B
CMYC -- Fiscal Year of FCE C
CMOC -- On Site Visit Indicator C
CMYD -- Fiscal Year of FCE D
CMOD -- On Site Visit Indicator D
CMYE -- Fiscal Year of FCE E
CMOE -- On Site Visit Indicator E
CM19 -- CMS Comment

STTE	CNTY	PCDS	CMSC	CMSI	CMYA	CMOA	CMYB	CMOB	CMYC	CMOC	CMYD	CMOD	CMYE	CMOE	CM19

NOTE

The following fields are necessary for a complete permit draft record; STTE, ASPN, PMTC & PAFS.

TABLE DESCRIPTION

STTE -- State Code
ASPN -- Permit ID
PMTC -- Category
PMFD -- Effective Date
ASRD -- Mod/Renewal Effective Date
PMXD -- Expiration Date (Projected)
AAD1 -- Permitting Authority Data Element
CNTY -- County
PAFS -- AFS ID

STTE	ASPN	PMTC	PMFD	ASRD	PMXD	AAD1	CNTY	PAFS

NOTE

To ensure a full and complete permit event record ALL the fields in the table are necessary. Please fill out completely.

TABLE DESCRIPTION

STTE -- State Code
CNTY -- County Code
PAFS -- AFS ID
PAPN -- Permit ID
PATY -- Event Type
PACN -- Event Number
PDEA -- Date Achieved
PARC -- Results

STTE	CNTY	PAFS	PAPN	PATY	PACN	PDEA	PARC

NOTE

To ensure a full and complete point general record ALL the fields in the table are necessary. Please fill out completely.

TABLE DESCRIPTION

STTE -- State Code
CNTY -- County Code
PCDS -- Plant ID
PNUM -- Point ID
CEID -- Point C/E ID
DSC3 -- Point Description

STTE	CNTY	PCDC	PNUM	CEID	DSC3

NOTE

The following fields are necessary for a complete point air program record; STTE, CNTY, PCDS, PNUM, CEID, APC3, SCA3 & AST3. Please fill out completely.

TABLE DESCRIPTION

STTE -- State Code
CNTY -- County Code
PCDS -- Plant ID
PNUM -- Point ID
CEID -- Point C/E ID
APC3 -- Point Air Program
SPT3 -- Point Level Sub Part (1 thru 12)
SCA3 -- Point Compliance Status
AST3 -- Point Operating Status

STTE	CNTY	PCDS	PNUM	CEID	APC3	SPT3 SubPart 1	SPT3 SubPart 2	SPT3 SubPart 3	SPT3 SubPart 4	SPT3 SubPart 5	SPT3 SubPart 6	SPT3 SubPart 7	SPT3 SubPart 8	SPT3 SubPart 9	SPT3 SubPart 10	SPT3 SubPart 11	SPT3 SubPart 12	SCA3	AST3

NONE

The following fields are necessary for a complete monitor record; STTE, CNTY, PCDS, PNUM, CEID, & CHNM, as they are used to identify the equipment. In addition please enter information for at least ONE of the following fields to provide descriptive information about the equipment: MTMR, MTMN, MTSN, MTRC, CEMA, PEML, MTID, PSTD, PSTS &/or CEDT.

TABLE DESCRIPTION

STTE -- State Code
CNTY -- County Code
PCDS -- Plant ID
PNUM -- Point ID
CEID -- Point C/E ID
CHNM -- Channel Number
MTMR -- Manufacturer
MTMN -- Model Number
MTSN -- Serial Number
MTRC -- Requirement Code
CEMA -- Enforcement Agency
PEML -- Permissible Limit
MTID -- Installation Date
PSTD -- Performance Specification Date
PSTS -- Performance Specification Status
CEDT -- Certification Date

STTE	CNTY	PCDS	PNUM	CEID	CHNM	MTMR	MTMN	MTSN	MTRC	CEMA	PEML	MTID	PSTD	PSTS	CEDT

NOTE

The following fields are necessary for a complete excess emission report record; STTE, CNTY, PCDS, PNUM, CEID, CHNE & RQT3. In addition please enter information for at least ONE of the following fields to provide descriptive information about the emission; ACSP, TSOT, TIMC, STSH, CLSB, UNEE, CLEF, CLMU, PPRO, PPRU, INEE, FUPB, OKEE, MTEM, MNEM, CALB, UNMD, OKMD &/or INMD.

TABLE DESCRIPTION

STTE -- State Code
CNTY -- County Code
PCDS -- Plant ID
PNUM -- Point ID
CEID -- Point C/E ID
CHNE -- Channel Number
RQT3 -- Report Quarter
ACSP -- EER Air Program (1 thru 6)
TSOT -- Total Source Operating Time
TIMC -- Time Period Code
STSH -- Start-up / Shut-down
CLSB -- Cleaning / Soot-blowing
UNEE -- Unknown Excess
CLEF -- Control Equipment Failure
CLMU -- Control Equipment Malfunction Unacceptable
PPRO -- Process Problems
PPRU -- Process Problems Unacceptable
INEE -- Number of Incidents of Excess Emissions
FUPB -- Fuel Problems
OKEE -- Other Known Excesses
MTEM -- Monitor Equipment Malfunction
MNEM -- Non-Monitor Equipment Malfunction
CALB -- Calibration
UNMD -- Unknown Monitor Downtime
OKMD -- Other Known Monitor Downtime
INMD -- Number of Incidents of Monitor Downtime

STTE	CNTY	PCDS	PNUM	CEID	CHNE	RQT3		ACSP	ACSP	ACSP	ACSP	ACSP	ACSP	TSOT	TIMC	STSH	CLSB	UNEE	CLEF	CLMU	PPRO	PPRU	INEE	FUPB	OKEE	MTEM	MNEM	CALB	UNMD
						YEAR	QTR	EER AIR PRGM 1	EER AIR PRGM 2	EER AIR PRGM 3	EER AIR PRGM 4	EER AIR PRGM 5	EER AIR PRGM 6																

OKMD	INMD

NOTE

If the comment is against the whole plant then an action # is NOT needed. If the comment is for a specific action all fields are necessary.

TABLE DESCRIPTION

STTE -- State Code
CNTY -- County Code
PCDS -- Plant ID
ANU1 -- Action Number
CNU1 -- Comment Number
COM1 -- Comment

STTE	CNTY	PCDS	ANU1	CNU1	COM1

BACKGROUND

The Air Facility System (AFS) contains compliance, enforcement and permit data for stationary sources of air pollution regulated by the US EPA and state and local air pollution agencies. This information is used by the environmental regulatory community to track the compliance of stationary sources with various programs regulated under the Clean Air Act.

In the event of a disaster resulting in AFS being inaccessible nationally, a user should, *as much as is practicable* :
1. Notify the relevant personnel
2. Ensure that data is recorded as is detailed in the AFS Contingency Data Entry Form
3. Return the recorded data to EPA at scheduled intervals

In order to maintain a continuity of operations, the following workbook containing 12 worksheets (*each worksheet representing an AFS record*) has been developed to facilitate the recording of AFS data in the event of a disaster. **It is recommended that this worksheet be printed out so that a hardcopy is available in the event that your computer system is unavailable**.

INSTRUCTIONS FOR COMPLETING THIS WORKBOOK

The top of each worksheet includes a additional information in the upper left hand. Please read the notes for specific information pertaining to that worksheet. And be sure to enter in all the the Minimum Data Requirements (MDRs). The following worksheets are enclosed in this workbook:

Compliance Enforcement *(worksheets prefixed with "CE")*
- Plant General
- Air Program
- Air Program Pollutant
- Action

Permits *(worksheets prefixed with "P")*
- Permit
- Permit Event

Continuous Emissions Monitoring *(worksheets pre-fixed with "CEM")*
- Point
- Air Program
- Monitor
- Excess Emission Report

Compliance Monitoring Strategy *(worksheets titled "CMS")*
- CMS

Comment *(worksheets titled "Comment")*
- Comment

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Technical Support Mailbox: afs-support@epa.gov

Please be sure to keep in contact with your respective Regional AFS Compliance Manager

Compliance Enforcement - Plant General Record
This table contains general information describing the plant and its physical location.

Data Element Acronym	Data Element Name	Description	Valid Values
STTE	State Code	A two-character FIPS code identifying the state/territory in which a plant is located.	The FIPS code entered must exist on the FIPS code table. Refer to the UI Cross Reference tables or the AFS Database for a complete listing.
CNTY	County Code	A three character FIPS code which identifies the county in which a plant is located and the county in which the office or business of the contractor responsible for asbestos Demo/Reno work is located.	The county code must exist on the county / city table.
PCDS	Plant ID	A five character plant identifier required to assign compliance information to plants in the AIRS facility subsystem. Formerly called CDS Plant ID.	This ID is unique within a state county. It may contain alpha and numeric values.
PNME	Plant Name	The name associated with a plant at a given location.	
STRT	Street Address	The street address for the physical location of the plant.	PO Box is not a valid value
CYCD	City Code	Either City Code or City Name is to be entered in.	
CYNM	City Name		
ZIPC	Zip Code	The zip code for the physical location of the plant	
SIC1	Primary SIC Code	Enter SIC if NAICS is not available. Either NAICS or SIC is required.	
GOVT	Government Facility Code	A one character code identifying facilities owned or operated by a governmental unit.	**0**-all other facilities not owned or operated by a federal, state, or local government; **1**-source owned or operated by the federal government; **2**-source owned or operated by the state; **3**-source owned or operated by the county; **4**-source owned or operated by the municipality; **5**-source owned or operated by the district
NIC1	NAICS Code	Enter NAICS if SIC is not available. Either NAICS or SIC is required.	
STRS	State Registration Number	This could be the ID that is internal to the particular State or Local Agency	Up to 15 alphanumeric characters
LCON	Local Control Region	A user-defined 2 character code identifying the local control region with jurisdiction over a plant	2 alphanumeric characters
PAFS	AFS ID	A fifteen-character plant identifier required to enter permit information for plants. It must be unique within a county and requires the FIPS State and County Codes to uniquely identify a plant in AFS. The AFS ID must be established on the Plant prior to submitting permit information. Business Rule Guidance - Each AFS Plant ID Should Be Assigned A Unique Permit ID	Up to 15 alphanumeric characters

Compliance Enforcement - Air Program Record
This record contains information on the regulatory program of the Clean Air Act that is applicable to a source

Data Element Acronym	Data Element Name	Description	Valid Values
STTE	State Code	a two-character FIPS code identifying the state/territory in which a plant is located.	The FIPS code entered must exist on the FIPS code table. Refer to the UI Cross Reference tables or the AFS Database for a complete listing.
CNTY	County Code	a three character FIPS code which identifies the county in which a plant is located and the county in which the office or business of the contractor responsible for asbestos Demo/Reno work is located.	The county code must exist on the county / city table.
PCDS	Plant ID	a five character plant identifier required to assign compliance information to plants in the AIRS facility subsystem. Formerly called CDS Plant ID.	This ID is unique within a state county. It may contain alpha and numeric values.
APC1	Air Program Code	a one character alphanumeric code used to identify the regulatory air program(s) a plant or point is subject to and the regulatory air program(s) authorizing and associated with an action taken by a local, state or federal regulatory agency.	**A** Acid Precipitation, **F** – FESOP – (Non-Title V), **I** - Native American, **M** - MACT (Section 63 NESHAPS), **V** - Title V Permits, **0** - SIP Source, **1** - SIP Source Under Federal Jurisdiction, **3** - Non-Federally Reportable Source, **4** - CFC Tracking, **6** - PSD, **7** - NSR, **8** - NESHAP, **9** - NSPS
AST1	Air Program Operating Status	represents the operational condition of a plant associated with a given air program	**O**-operating, **P**- planned (has applied for a construction permit), **C**- under construction, **T**- temporarily closed, **X** - permanently closed, **I** - seasonal, **D** - NESHAP demolition, **R** - NESHAP renovation, **S** - NESHAP spraying, **L** - landfill
SPT1 CFR SP 1	CFR Subparts 1 thru 12	Subparts are codes indicating the subpart for air programs: "9" - NSPS; "8" -NESHAP and; "M" - MACT NESHAP. The subpart information pertains to sections 60, 61 and 63 of the code of federal regulations respectively. NSPS Subparts may also be entered on the SIP air program. Subpart data is required for NSPS, NESHAPS, and MACT air program codes. Subparts may be indicated on the SIP air program if applicable. Up to 12 subpart codes may be associated with each plant air program.	The Subpart Code must exist on the subparts code table for the correct air program. Refer to the UI Cross Reference Tables or the AFS database for current listing of subparts.
SPT1 CFR SP 2			
SPT1 CFR SP 3			
SPT1 CFR SP 4			
SPT1 CFR SP 5			
SPT1 CFR SP 6			
SPT1 CFR SP 7			
SPT1 CFR SP 8			
SPT1 CFR SP 9			
SPT1 CFR SP 10			
SPT1 CFR SP 11			
SPT1 CFR SP 12			

Compliance Enforcement - Air Program Pollutant Record
This record contains data fields used to describe the pollutants linked to the source under regulation for a specific air program.

Data Element Acronym	Data Element Name	Description	Valid Values
STTE	State Code	a two-character FIPS code identifying the state/territory in which a plant is located.	The FIPS code entered must exist on the FIPS code table. Refer to the UI Cross Reference tables or the AFS Database for a complete listing.
CNTY	County Code	a three character FIPS code which identifies the county in which a plant is located and the county in which the office or business of the contractor responsible for asbestos Demo/Reno work is located.	The county code must exist on the county / city table.
PCDS	Plant ID	a five character plant identifier required to assign compliance information to plants in the AIRS facility subsystem. Formerly called CDS Plant ID.	This ID is unique within a state county. It may contain alpha and numeric values.
APC1	Air Program Code	a one character code used to identify the regulatory air program(s) a plant or point is subject to and the regulatory air program(s) authorizing and associated with an action taken by a local, state or federal regulatory agency.	**A** Acid Precipitation **F** – FESOP – (Non-Title V), **I** - Native American, **M** - MACT (Section 63 NESHAPS), **V** - Title V Permits, **0** -SIP Source, **1** - SIP Source Under Federal Jurisdiction, **3** - Non-Federally Reportable Source, **4** - CFC Tracking, **6** - PSD, **7** - NSR, **8** - NESHAP, **9** - NSPS
PLAP	Pollutant Code	a five□character code or up to 9 digit Chemical Abstract Service Number identifying a pollutant tracked at the plant level on the pollutant air program (MDR if criteria). It is a supporting element for actions.	**Either PLAP or CAPP are required.** This 5-digit code can be retrieved from the AFS database, or the UI Cross Reference Tables
CAPP	Chemical Abstract Service Number	If the pollutant code is not available then the Chemical Abstract Service Number must be supplied.	**Either PLAP or CAPP are required.** This 9-digit code can be taken from the internet or from the AFS website, or the UI Cross Reference Tables
SCAP	State Pollutant Compliance Status	a one-character code which reflects the state agency's determination of the compliance status of a facility with regards to pollutants regulated by an air program or by the procedural requirements of a permit. Compliance falls within four categories: in, out, on schedule, and unknown. Values entered at the plant air program pollutant level are compared by AFS, and the most serious generated and displayed at the plant air program level. The most serious of the air program values are in turn displayed at the plant general level.	[*in order from worst to best case*]: **Out of compliance**: **B** - in violation with regard to both emissions and procedural compliance, **1**- in violation no schedule, **6** - in violation-not meeting schedule, **W** - in violation with regard to procedural compliance. **Unknown compliance**: **Y** - unknown with regard to both emissions and procedural compliance, **0** - unknown compliance status, **A** - unknown with regard to procedural compliance, **7** - in violation - unknown with regard to schedule. **On schedule**: **5** - meeting compliance schedule. **In compliance**: **C** - in compliance with procedural requirements, **4** - in compliance- certification, **3** - in compliance-inspection, **M** - in compliance-cems, **2** - in compliance-source test, **8** - no applicable state regulation, **9** - in compliance-shut down, **P** - present, see other program(s).
SCLP	State Pollutant Classification	a two□character code assigning a plant classification to individual criteria pollutants regulated by an air program. This code may be different than the EPA pollutant classification.	**A - Major emissions**; actual or potential emissions are above the applicable major source thresholds, **SM - Synthetic Minor emissions**; Potential emissions are below all applicable major source thresholds if an only if the sources complies with Federally enforceable regulations or limitations (Potential to emit at the major threshold but due to operation restrictions or other controls emit at the minor level), **B - Minor emission**; Potential uncontrolled emissions are below the applicable major source thresholds, **C - Emissions classification is unknown**.
SATT	State Attainment Indicator	A one□character code identifying the criteria pollutant attainment status for the county in which the plant is located. This field is mandatory only for air programs other than NESHAP and in conjunction with the following criteria pollutants: VOC, PT, SO2.	**A** - Attainment area for given pollutant; **M** - Moderate (for VOC, NO2, CO and particulate); **S** - Serious (for VOC, NO2, CO and particulate); **V** - Severe (for VOC and NO2); **X** - Extreme (for VOC and NO2); **T** - Transport region not serious, severe, or extreme (VOC only); **N** - All other non-attainment for primary and secondary standards; **1** - Non-attainment for primary SO2 standards; **2** – Non-attainment for secondary PT or SO2 standards; **U** - Unclassified
ECAP	EPA Pollutant Compliance Status	a one-character code which reflects the state agency's determination of the compliance status of a facility with regards to pollutants regulated by an air program or by the procedural requirements of a permit. **This value is normally populated only when the EPA assessment differs from the state.** Compliance falls within four categories: in, out, on schedule, and unknown. Values entered at the plant air program pollutant level are compared by AFS, and the most serious generated and displayed at the plant air program level. The most serious of the air program values are in turn displayed at the plant general level.	[*in order from worst to best case*]: **Out of compliance**: **B** - in violation with regard to both emissions and procedural compliance, **1**- in violation no schedule, **6** - in violation-not meeting schedule, **W** - in violation with regard to procedural compliance. **Unknown compliance**: **Y** - unknown with regard to both emissions and procedural compliance, **0** - unknown compliance status, **A** - unknown with regard to procedural compliance, **7** - in violation - unknown with regard to schedule. **On schedule**: **5** - meeting compliance schedule. **In compliance**: **C** - in compliance with procedural requirements, **4** - in compliance- certification, **3** - in compliance-inspection, **M** - in compliance-cems, **2** - in compliance-source test, **8** - no applicable state regulation, **9** - in compliance-shut down, **P** - present, see other program(s).
ECLP	EPA Pollutant Classification	A one□character code identifying the criteria pollutant attainment status for the county in which the plant is located. This field is mandatory only for air programs other than NESHAP and in conjunction with the following criteria pollutants: VOC, PT, SO2. **This field is used when an EPA classification value differs from the classification value submitted by a state.**	**A - Major emissions**; actual or potential emissions are above the applicable major source thresholds, **SM - Synthetic Minor emissions**; Potential emissions are below all applicable major source thresholds if an only if the sources complies with Federally enforceable regulations or limitations (Potential to emit at the major threshold but due to operation restrictions or other controls emit at the minor level), **B - Minor emission**; Potential uncontrolled emissions are below the applicable major source thresholds, **C - Emissions classification is unknown**.
EATT	EPA Attainment Nonattainment Indicator	A one□character code identifying the criteria pollutant attainment status for the county in which the plant is located. This field is mandatory only for air programs other than NESHAP and in conjunction with the following criteria pollutants: VOC, PT, SO2. **This field is used when an EPA attainment/non-attainment indicator value differs from an attainment/non-attainment indicator value submitted by a state.**	**A** - Attainment area for given pollutant; **M** - Moderate (for VOC, NO2, CO and particulate); **S** - Serious (for VOC, NO2, CO and particulate); **V** - Severe (for VOC and NO2); **X** - Extreme (for VOC and NO2); **T** - Transport region not serious, severe, or extreme (VOC only); **N** - All other non-attainment for primary and secondary standards; **1** - Non-attainment for primary SO2 standards; **2** – Non-attainment for secondary PT or SO2 standards; **U** - Unclassified

Compliance Enforcement - Action Record
This record contains fields related to an action associated to an air program.

Data Element Acronym		Data Element Name	Description	Valid Values
STTE		State Code	a two-character FIPS code identifying the state/territory in which a plant is located.	The FIPS code entered must exist on the FIPS code table. Refer to the UI Cross Reference tables or the AFS Database for a complete listing.
CNTY		County Code	a three character FIPS code which identifies the county in which a plant is located and the county in which the office or business of the contractor responsible for asbestos Demo/Reno work is located.	The county code must exist on the county / city table.
PCDS		Plant ID	a five character plant identifier required to assign compliance information to plants in the AIRS facility subsystem. Formerly called CDS Plant ID.	This ID is unique within a state county. It may contain alpha and numeric values.
ANU1		Action Number	A three digit numeric action identifier.	Numeric values between 1 and 999; input values of 999 will generate the next available sequential action number.
KAN1		Key Action Number	A key action number assigned to an action to indicate which violation pathway the action is linked. An action can be linked into a maximum of five pathways.	For violation pathways, KAN1 is an MDR. Key action numbers for an action will be assigned, when requested, to national action type **2E - State Day Zero**
ACS1	**AP Code 1**	Air Program Code (1 thru 6)	a one character code used to identify the regulatory air program(s) a plant or point is subject to and or the regulatory air program(s) authorizing and associated with an action taken by a local, state or federal regulatory agency.	**A** - Acid Precipitation, **F** – FESOP – (Non-Title V), **I** - Native American, **M** - MACT (Section 63 NESHAPS), **V** - Title V Permits, **0** - SIP Source, **1** - SIP Source Under Federal Jurisdiction, **3** - Non-Federally Reportable Source, **4** - CFC Tracking, **6** - PSD, **7** - NSR, **8** - NESHAP, **9** - NSPS
ACS1	**AP Code 2**			
ACS1	**AP Code 3**			
ACS1	**AP Code 4**			
ACS1	**AP Code 5**			
ACS1	**AP Code 6**			
ATP1		Action Type	a two character code identifying a compliance activity. Two categories of action types exist: national action types, which are used to retrieve similar compliance activities identified by EPA regions using region-specific action type codes; and regional action types, which are the region-specific codes used to identify a compliance activity	The action type code must exist on the AFS list of actions. Refer to the UI Cross Reference tables or the AFS database for the listing of action types by region or national.
DTS1		Date Scheduled	the date on which a compliance action is scheduled to be performed.	DTS1 is a necessary field when entering TV Annual Compliance Certification due dates.
DTA1		Date Achieved	the date on which a compliance action (activity) is completed	Date format must be "YYYYMMDD"
PAM1		Penalty Amount	the civil penalty assessed against a facility in the final agreement between the enforcement authority and the plant.	0 - 999,999,999 (commas are not entered)
RSC1		Results code	an MDR for stack test results. The conclusion of all stack tests should be recorded using two character codes indicating "Pass" , "Fail", or "99" for pending. It is a supporting element for all other actions.	RSC1 is required when entering TV Annual Compliance Certification
SCC1		Staff Code	three character code identifying: 1) the compliance or enforcement official assigned to monitor the compliance status of a plant, or 2) the staff member assigned to complete an action.	The staff code must exist on the staff code table. Please refer to the UI cross-reference tables, or the AFS for staff code listings.
PLC1		Pollutant	a five character code or up to 9 digit Chemical Abstract Service Number identifying a pollutant tracked at the plant level on the pollutant air program (MDR if criteria). It is a supporting element for actions.	Code must exist on the pollutant table
CAA1		CAS Number	a five character code or up to 9 digit Chemical Abstract Service Number identifying a pollutant tracked at the plant level on the pollutant air program (MDR if criteria). It is a supporting element for actions.	
RD81		RDE 8	A field defined by users and used to maintain information relating to plant or point level actions.	RDO8 Certification Deviations (RD81) EPA reports into AFS unless otherwise negotiated. Deviations are to be reported by EPA: Y= Yes, N=No, or a number of Deviations reported may be entered. Note that compliance status is to be reported in the Results Code field: MC=in compliance, MV= in Violation, MU = Unknown.
R161		RDE 16	A field defined by users and used to maintain information relating to plant or point level actions.	
LDC1		Lead Agency	a one character code that identifies the agency taking the lead role in tracking an action linking pathway to resolution.	**F** - FEDERAL; **J** - JOINT; **L** - LOCAL; **S** - STATE
VID1		Violating Identifier	a one character code that indicates which agency identified the violation that requires tracking to resolution using the action linking mechanism.	**F** - FEDERAL; **J** - JOINT; **L** - LOCAL; **S** - STATE
VTP1	**Type Code 1**	Violation Type Code (1 thru 7)	Three character code(s) that identify the types of violations cited for a violation or administrative penalty. Violation Type Code(s) may be input for violations or administrative penalties being tracked using the action linking mechanism.	Code entered must exist on table. Refer to the UI Cross Reference Tables for the listing of applicable violation type codes.
VTP1	**Type Code 2**			
VTP1	**Type Code 3**			
VTP1	**Type Code 4**			
VTP1	**Type Code 5**			
VTP1	**Type Code 6**			
VTP1	**Type Code 7**			
VPL1	**Pollutant 1**	Violating Pollutant (1 thru 3)	a five character code identifying a pollutant for the air program which has been identified as being in violation. This code enables a historical record of	Code must exist on the pollutant table. Refer to the UI Cross Reference Tables for the listing of applicable pollutant codes.
VPL1	**Pollutant 2**			
VPL1	**Pollutant 3**			

Permit - Permit Record
The following fields are necessary for a complete permit draft record; STTE, ASPN, PMTC & PAFS.

Data Element Acronym	Data Element Name	Description	Valid Values
STTE	State code	a two-character FIPS code identifying the state/territory in which a plant is located.	The FIPS code entered must exist on the FIPS code table. Refer to the UI Cross Reference tables or the AFS Database for a complete listing.
ASPN	Permit ID	User defined value to identify a permit. The combination of State and Permit ID uniquely identifies a permit.	
PMTC	Category	A code that indicates the kind of Permit. Title V and Non-Title V Permits are both supported.	**C** - NON-TITLE V PERMIT - PERMIT TO CONSTRUCT; **G** - TITLE V PERMIT - GENERAL PERMIT; **N** - NON-TITLE V PERMIT - OPERATING PERMIT; **V** - TITLE V PERMIT - PLANT SPECIFIC
PMFD	Effective Date	The date a permit takes effect.	Date Format: YYYYMMDD
ASRD	Mod/Renewal Effective Date	The date the last modification or renewal to a permit takes effect.	Date Format: YYYYMMDD
PMXD	Expiration Date (Projected)	The projected date a permit is scheduled to expire and would no longer be in effect. Note: Submit a Permit Expires Event to reflect an Actual Permit Expiration Date where the permit has expired and is no longer in effect.	Date Format: YYYYMMDD
AAD1	Permitting Authority Data Element	Optional User-defined field provided for agency representatives to maintain permit information that relates to a permit or application.	
CNTY	County	a three character FIPS code which identifies the county in which a plant is located and the county in which the office or business of the contractor responsible for asbestos Demo/Reno work is located.	The county code must exist on the county / city table.
PAFS	AFS ID	A fifteen-character plant identifier required to enter permit information for plants. It must be unique within a county and requires the FIPS State and County Codes to uniquely identify a plant in AFS. The AFS ID must be established on the Plant prior to submitting permit information. Business Rule Guidance - Each AFS Plant ID Should Be Assigned A Unique Permit ID	

Permit - Permit Event Record
To ensure a full and complete permit event record ALL the fields in the table are necessary. Please fill out completely.

Data Element Acronym	Data Element Name	Description	Valid Values
STTE	State Code	a two-character FIPS code identifying the state/territory in which a plant is located.	The FIPS code entered must exist on the FIPS code table. Refer to the UI Cross Reference tables or the AFS Database for a complete listing.
CNTY	County Code	a three character FIPS code which identifies the county in which a plant is located and the county in which the office or business of the contractor responsible for asbestos Demo/Reno work is located.	The county code must exist on the county / city table.
PAFS	AFS ID	A fifteen-character plant identifier required to enter permit information for plants. It must be unique within a county and requires the FIPS State and County Codes to uniquely identify a plant in AFS. The AFS ID must be established on the Plant prior to submitting permit information. Business Rule Guidance - Each AFS Plant ID Should Be Assigned A Unique Permit ID	
PAPN	Permit ID	User defined value to identify a permit. The combination of State and Permit ID uniquely identifies a permit.	
PATY	Event Type	A code identifying a permitting related activity. Once the permit is issued, these events can not be deleted from the data base (unless the entire permit is deleted).	Refer to the UI Cross Reference tables or the AFS database for the complete listing. Mandatory Events in the UI table
PACN	Event Number	A user defined number to identify permit event. Users may enter '999' to have AFS assign the next available number. The combination of State, County, AFS Plant ID, Permit Event Type and Permit Event Number uniquely identifies an event in AFS.	Integer values between 001 - 999
PDEA	Date Achieved	The date on which a permit event is completed. Title V and Non-Title V Permits are both supported.	yyyymmdd - Either Date Scheduled or Date Achieved is required
PARC	Results	A two-character code indicating whether an event has been achieved or if another event should be referred to.	Must exist on the UI table

Continuous Emissions Monitoring - Point General Record

Data Element Acronym	Data Element Name	Description	Valid Values
STTE	State code	a two-character FIPS code identifying the state/territory in which a plant is located.	The FIPS code entered must exist on the FIPS code table. Refer to the UI Cross Reference tables or the AFS Database for a complete listing.
CNTY	County Code	a three character FIPS code which identifies the county in which a plant is located and the county in which the office or business of the contractor responsible for asbestos Demo/Reno work is located.	The county code must exist on the county / city table.
PCDS	Plant ID	a five character plant identifier required to assign compliance information to plants in the AIRS facility subsystem. Formerly called CDS Plant ID.	This ID is unique within a state county. It may contain alpha and numeric values.
PNUM	Point ID	A three-character field used to identify a point	Must be 3 alphanumeric characters
CEID	Point C/E ID	A one-character field used to distinguish emission point numbers from compliance point numbers and identify Merged points.	**C** – Compliance; **M** – Merged; *System-generated ("C") when adding a point to a compliance-only facility. User supplied value required when adding a point to a merged facility.*
DSC3	Point Description	A description of a point monitored for compliance.	Up to 25 alphanumeric characters

Continuous Emissions Monitoring - Point Air Program Record

The following fields are necessary for a complete point air program record; STTE, CNTY, PCDS, PNUM, CEID, APC3, SCA3 & AST3. Please fill out completely.

Data Element Acronym	Data Element Name	Description	Valid Values
STTE	State Code	a two-character FIPS code identifying the state/territory in which a plant is located.	The FIPS code entered must exist on the FIPS code table. Refer to the UI Cross Reference tables or the AFS Database for a complete listing.
CNTY	County Code	a three character FIPS code which identifies the county in which a plant is located and the county in which the office or business of the contractor responsible for asbestos Demo/Reno work is located.	The county code must exist on the county / city table.
PCDS	Plant ID	a five character plant identifier required to assign compliance information to plants in the AIRS facility subsystem. Formerly called CDS Plant ID.	This ID is unique within a state county. It may contain alpha and numeric values.
PNUM	Point ID	A three-character field used to identify a point	Must be 3 alphanumeric characters
CEID	Point C/E ID	A one-character field used to distinguish emission point numbers from compliance point numbers and identify Merged points.	**C** – Compliance; **M** – Merged; *System-generated ("C") when adding a point to a compliance-only facility. User supplied value required when adding a point to a merged facility.*
APC3	Point Air Program	A one character code used to identify the regulatory air program(s) Point is subject to.	**A** - ACID PRECIPITATION; **F** – FESOP – (Non-Title V); **I** - NATIVE AMERICAN; **M** - MACT (SECTION 63 NESHAPS); **V** - TITLE V PERMITS **0** - SIP SOURCE; **1** - SIP SOURCE UNDER FEDERAL JURISDICTION; **3** - NON-FEDERALLY REPORTABLE SOURCE; **4** - CFC TRACKING **6** - PSD; 7 - NSR; **8** - NESHAP; **9** - NSPS
SPT3 SubPart 1 **SPT3** SubPart 2 **SPT3** SubPart 3 **SPT3** SubPart 4 **SPT3** SubPart 5 **SPT3** SubPart 6 **SPT3** SubPart 7 **SPT3** SubPart 8 **SPT3** SubPart 9 **SPT3** SubPart 10 **SPT3** SubPart 11 **SPT3** SubPart 12	Point Level Sub Part (1 thru 12)	Subparts are codes indicating the subpart for air programs: "9" - NSPS; "8" -NESHAP and; "M" - MACT NESHAP. The subpart information pertains to sections 60, 61 and 63 of the code of federal regulations respectively. NSPS Subparts may also be entered on the SIP air program. Subpart data is required for NSPS, NESHAPS, and MACT air program codes. Subparts may be indicated on the SIP air program if applicable. Up to 12 subpart codes may be associated with each plant air program.	The Subpart Code must exist on the subparts code table for the correct air program. Refer to the UI Cross Reference Tables or the AFS database for current listing of subparts.
SCA3	Point Compliance Status	A one-character code which reflects the state agency's determination of the compliance status of a facility with regards to pollutants regulated by an air program or by the procedural requirements of a permit. Compliance falls within four categories: in, out, on schedule, and unknown. Values entered at the point air program pollutant level are NOT bubbled up to the plant level.	
AST3	Point Operating Status	Represents the operational condition of a point associated with a given air program.	**O** operating; **P** planned (has applied for a construction permit); **C** under construction; **T** temporarily closed; **X** permanently closed; **I** seasonal; **D** NESHAP demolition; **R** NESHAP renovation; **S** NESHAP spraying; **L** - landfill

Continuous Emission Monitoring - Monitor Record

The following fields are necessary for a complete monitor record; STTE, CNTY, PCDS, PNUM, CEID, & CHNM, as they are used to identify the equipment. In addition please enter information for at least ONE of the following fields to provide descriptive information about the equipment: MTMR, MTMN, MTSN, MTRC, CEMA, PEML, MTID, PSTD, PSTS &/or CEDT.

Data Element Acronym	Data Element Name	Description	Valid Values
STTE	State Code	a two-character FIPS code identifying the state/territory in which a plant is located.	The FIPS code entered must exist on the FIPS code table. Refer to the UI Cross Reference tables or the AFS Database for a complete listing.
CNTY	County Code	a three character FIPS code which identifies the county in which a plant is located and the county in which the office or business of the contractor responsible for asbestos Demo/Reno work is located.	The county code must exist on the county / city table.
PCDS	Plant ID	a five character plant identifier required to assign compliance information to plants in the AIRS facility subsystem. Formerly called CDS Plant ID.	This ID is unique within a state county. It may contain alpha and numeric values.
PNUM	Point ID	A three-character field used to identify a point	Must be 3 alphanumeric characters
CEID	Point C/E ID	A one-character field used to distinguish emission point numbers from compliance point numbers and identify Merged points.	**C** – Compliance; **M** – Merged; *System-generated ("C") when adding a point to a compliance-only facility. User supplied value required when adding a point to a merged facility.*
CHNM	Channel Number	A three-character code identifying the channel number associated with a point monitor.	**First character- parameter being monitored**: **0** - Air toxics monitor; **1** - Opacity monitor; **2** - Sulfur dioxide (so2) monitor; **3** - NOx monitor; **4** - Diluent (oxygen or carbon dioxide) monitor; **5** - Hydrocarbon; **6** - Total reduced sulfur (so2) monitor; **7** - Hydrogen disulfide monitor; **8** - Carbon monoxide; **9** - Coal sampling and analysis. **Second character - monitor indicator**: To indicate that the channel number is associated with a point monitor, the second position must equal "1". **Third character**: Single/group monitor number indicates if a monitor is the single monitor for the point or one of several monitoring the point; Single monitors are indicated by a value of "1"; Cluster monitors are indicated by a sequential number between 2-9.
MTMR	Manufacturer	The manufacturer of the primary component of the monitoring unit.	Up to 20 alphanumeric characters.
MTMN	Model Number	The monitor primary component model number.	Up to 15 alphanumeric characters.
MTSN	Serial Number	The serial number used to identify a primary component monitoring unit.	Up To 15 Alphanumeric Characters.
MTRC	Requirement Code	A one-character code identifying the air program regulation, enforcement action, compliance order, or consent decree requiring the installation of Continuous Emissions Monitoring equipment.	**A** - Acid rain precipitation; **0** - SIP Source; **1** - No Federal Requirement; **3** – Enforcement action, compliance order or consent decree; **6** - PSD; **9** - NSPS
CEMA	Enforcement Agency	A one character code identifying the federal, state or local agency with enforcement jurisdiction for Continuous Emission Monitoring at the plant.	**1** - EPA-Headquarters; **2** - EPA-Region; **3** - State; **4** - Local
PEML	Permissible Limit	The emission value and units specified by the monitor regulation emission value and units.	Up to 20 alphanumeric characters.
MTID	Installation Date	The year and month in which the monitor was installed.	Date format YYYYMM
PSTD	Performance Specifica	The year and month that the latest performance specification test was performed.	Date format YYYYMM
PSTS	Performance Specifica	The result of the latest performance specification test.	Pass; Fail
CEDT	Certification Date	The date the continuous emissions monitor received certification.	Date format YYYYMMDD

Continuous Emissions Monitor - Excess Emission Report Record

The following fields are necessary for a complete excess emission report record; STTE, CNTY, PCDS, PNUM, CEID, CHNE & RQT3. In addition please enter information for at least ONE of the following fields to provide descriptive information about the emission; ACSP, TSOT, TIMC, STSH, CLSB, UNEE, CLEF, CLMU, PPRO, PPRU, INEE, FUPB, OKEE, MTEM, MNEM, CALB, UNMD, OKMD &/or INMD.

Data Element Acronym		Data Element Name	Description	Valid Values
STTE		State Code	a two-character FIPS code identifying the state/territory in which a plant is located.	The FIPS code entered must exist on the FIPS code table. Refer to the UI Cross Reference tables or the AFS Database for a complete listing.
CNTY		County Code	a three character FIPS code which identifies the county in which a plant is located and the county in which the office or business of the contractor responsible for asbestos Demo/Reno work is located.	The county code must exist on the county / city table.
PCDS		Plant ID	a five character plant identifier required to assign compliance information to plants in the AIRS facility subsystem. Formerly called CDS Plant ID.	This ID is unique within a state county. It may contain alpha and numeric values.
PNUM		Point ID	A three-character field used to identify a point	Must be 3 alphanumeric characters
CEID		Point C/E ID	A one-character field used to distinguish emission point numbers from compliance point numbers and identify Merged points.	**C** – Compliance; **M** – Merged; *System-generated ("C") when adding a point to a compliance-only facility. User supplied value required when adding a point to a merged facility.*
CHNE		Channel Number	A three-character code identifying the channel number associated with a point monitor.	**First character- parameter being monitored**: **0** - Air toxics monitor; **1** - Opacity monitor; **2** - Sulfur dioxide (so2) monitor; **3** - NOx monitor; **4** - Diluent (oxygen or carbon dioxide) monitor; **5** - Hydrocarbon; **6** - Total reduced sulfur (so2) monitor; **7** - Hydrogen disulfide monitor; **8** - Carbon monoxide; **9** - Coal sampling and analysis. **Second character - monitor indicator**: To indicate that the channel number is associated with a point monitor, the second position must equal "1". **Third character**: Single/group monitor number indicates if a monitor is the single monitor for the point or one of several monitoring the point; Single monitors are indicated by a value of "1"; Cluster monitors are indicated by a sequential number between 2-9.
RQT3	YEAR QTR	Report Quarter	Identifies the year and quarter in which a Continuous Emissions Monitoring Excess Emissions Report was	Date format YYYYQQ; Where QQ represents quarter values of 01, 02, 03, 04
ACSP	EER AIR PRGM 1	EER Air Program (1 thru 16)	A one character code used to identify the regulatory air program(s) that is the reason an EER is produced.	**A** - ACID PRECIPITATION; **I** - NATIVE AMERICAN; **M** - MACT (SECTION 63 NESHAPS); **V** - TITLE V PERMITS; **0** - SIP SOURCE; **1** - SIP; SOURCE UNDER FEDERAL JURISDICTION; **3** - NON-FEDERALLY REPORTABLE SOURCE; **4** - CFC TRACKING; **6** - PSD; **7** - NSR; **8** - NESHAP; **9** - NSPS
ACSP	EER AIR PRGM 2			
ACSP	EER AIR PRGM 3			
ACSP	EER AIR PRGM 4			
ACSP	EER AIR PRGM 5			
ACSP	EER AIR PRGM 6			
TSOT		Total Source Operating Time	The total amount of time a plant is operating during the specified report quarter.	0 - 999,999
TIMC		Time Period Code	A one-character code indicating the units of time applied to quarterly excess emissions reported in an excess emissions report.	**M** - Minutes; **A** - 6 Minutes; **B** - 15 Minutes; **C** - 30 Minutes; **D** - 1 Hour (60 Minutes); **E** - 2 Hours (120 Minutes)
STSH		Start-up / Shut-down	A count of the quarterly excess emissions period units associated with the starting up or shutting down of the source.	0 - 999,999
CLSB		Cleaning / Soot-blowing	Count of the number of excess emission time periods due to cleaning/soot blowing, during the reporting quarter.	0 - 999,999
UNEE		Unknown Excess	The total number of quarterly excess emissions periods/units due to unknown reasons.	0 - 999,999
CLEF		Control Equipment Failure	Sum of quarterly excess emission period units due to unit/control equipment failure or malfunction.	0 - 999,999
CLMU		Control Equipment Malfunction Unacceptable	Sum of quarterly excess emission period units due to control equipment malfunctions that were deemed unacceptable. Used only if the control equipment malfunctions are a large portion of the total excess emissions, and a breakdown between acceptable malfunctions and any unacceptable malfunctions is deemed necessary. Guidance on the use of this field is available from each EPA Regional Continuous Emissions Monitoring coordinator.	0 - 999,999
PPRO		Process Problems	The summary total of quarterly excess emission period/units due to acceptable and unacceptable process problems defined by the monitoring agency.	0 - 999,999
PPRU		Process Problems Unacceptable	Sum of quarterly excess emission reporting period units due to process problems that were deemed unacceptable, as defined by the monitoring agency.	0 - 999,999
INEE		Number of Incidents of Excess Emissions	Total number of quarterly incidents of excess emissions recorded by a monitor.	0 - 999
FUPB		Fuel Problems	The number of quarterly period units the monitor recorded excess emissions due to fuel problems.	0 - 999,999
OKEE		Other Known Excessess	The number of period units during the quarter the monitor recorded excess emissions due to other known reasons.	0 - 999,999
MTEM		Monitor Equipment Malfunction	The number of quarterly monitor downtime period units due to the malfunction of the monitor equipment.	0 - 999,999
MNEM		Non-Monitor Equipment Malfunction	The number of quarterly monitor downtime period units due to the malfunction of non-monitor equipment.	0 - 999,999
CALB		Calibration	The number of quarterly time period units the source was operating and the monitor was not operating due to monitor calibration.	1 - 999,999
UNMD		Unknown Monitor Downtime	The number of quarterly monitor down time period/units due to unknown reasons.	0 – 999999
OKMD		Other Known Monitor Downtime	The number of monitor downtime period units during the quarter due to other known reasons.	0 - 999,999
INMD		Number of Incidents of Monitor Downtime	The total number of quarterly incidents of monitor downtime.	0 - 999

Compliance Monitoring Strategy - CMS Record
This record captures information related to compliance monitoring activities.

Data Element Acronym	Data Element Name	Description	Valid Values
STTE	State Code	a two-character FIPS code identifying the state/territory in which a plant is located.	The FIPS code entered must exist on the FIPS code table. Refer to the UI Cross Reference tables or the AFS Database for a complete listing.
CNTY	County Code	a three character FIPS code which identifies the county in which a plant is located and the county in which the office or business of the contractor responsible for asbestos Demo/Reno work is located.	The county code must exist on the county / city table.
PCDS	Plant ID	a five character plant identifier required to assign compliance information to plants in the AIRS facility subsystem. Formerly called CDS Plant ID.	This ID is unique within a state county. It may contain alpha and numeric values.
CMSC	Source Category	A one character code that indicates the source category to which a facility subject to CMS belongs.	**A** Title V Major; **S** 80% Synthetic Minor; **M** Mega-Site; **O** Other
CMSI	CMS Min Frequency Indicator	A one digit field indicating the number of years allowable between full compliance evaluations.	1 – 9
CMYA	Fiscal Year of FCE A	A four digit year indicating the year that a full compliance evaluation has been scheduled as defined in the CMS plan. There are 5 occurrences.	Valid Year >= 2002
CMOA	On Site Visit Indicator A	A 1 character flag indicating if an on-site visit is planned for a given fiscal year. Default value is 'Y'. There are 5 occurrences.	**Y** – An On-site visit is planned; **N** – An On-site visit is Not planned
CMYB	Fiscal Year of FCE B	A four digit year indicating the year that a full compliance evaluation has been scheduled as defined in the CMS plan. There are 5 occurrences.	Valid Year >= 2002
CMOB	On Site Visit Indicator B	A 1 character flag indicating if an on-site visit is planned for a given fiscal year. Default value is 'Y'. There are 5 occurrences.	**Y** – An On-site visit is planned; **N** – An On-site visit is Not planned
CMYC	Fiscal Year of FCE C	A four digit year indicating the year that a full compliance evaluation has been scheduled as defined in the CMS plan. There are 5 occurrences.	Valid Year >= 2002
CMOC	On Site Visit Indicator C	A 1 character flag indicating if an on-site visit is planned for a given fiscal year. Default value is 'Y'. There are 5 occurrences.	**Y** – An On-site visit is planned; **N** – An On-site visit is Not planned
CMYD	Fiscal Year of FCE D	A four digit year indicating the year that a full compliance evaluation has been scheduled as defined in the CMS plan. There are 5 occurrences.	Valid Year >= 2002
CMOD	On Site Visit Indicator D	A 1 character flag indicating if an on-site visit is planned for a given fiscal year. Default value is 'Y'. There are 5 occurrences.	**Y** – An On-site visit is planned; **N** – An On-site visit is Not planned
CMYE	Fiscal Year of FCE E	A four digit year indicating the year that a full compliance evaluation has been scheduled as defined in the CMS plan. There are 5 occurrences.	Valid Year >= 2002
CMOE	On Site Visit Indicator E	A 1 character flag indicating if an on-site visit is planned for a given fiscal year. Default value is 'Y'. There are 5 occurrences.	**Y** – An On-site visit is planned; **N** – An On-site visit is Not planned
CM19	CMS Comment	an optional field which permits the user to enter additional information for the plant CMS record. Comments consist of one lines, which can hold 39 characters.	

Comment Record

If the comment is against the whole plant then an action # is NOT needed. However, if the comment is for a specific action, then all fields are necessary.

Data Element Acronym	Data Element Name	Description	Valid Values
STTE	State Code	a two-character FIPS code identifying the state/territory in which a plant is located.	The FIPS code entered must exist on the FIPS code table. Refer to the UI Cross Reference tables or the AFS Database for a complete listing.
CNTY	County Code	a three character FIPS code which identifies the county in which a plant is located and the county in which the office or business of the contractor responsible for asbestos Demo/Reno work is located.	The county code must exist on the county / city table.
PCDS	Plant ID	a five character plant identifier required to assign compliance information to plants in the AIRS facility subsystem. Formerly called CDS Plant ID.	This ID is unique within a state county. It may contain alpha and numeric values.
ANU1	Action Number	A three digit numeric action identifier.	Numeric values between 1 and 999; input values of 999 will generate the next available sequential action number.
CNU1	Comment Number	a three-digit numeric comment identifier.	0 - 999; input values of 999 will generate the next available sequential action comment number.
COM1	Comment	an optional field which permits the user to enter additional information for an action. Comments consist of four lines, each of which can hold 55, 57, 57 and 57 characters respectively.	