EV-CIS Software Release Notes, Release 23.0

Key	Manufacturer Software Release Notes	Industry Sector
Add Specialty Vehicle Engines (SVE) into the Streamlined Certification Module (SCM)		
EVCIS-5744 EVCIS-5746 EVCIS-5797	New Feature/Functionality: SVE Dataset Submissions will allow: - Manufacturers to submit an SCM dataset for an SVE Engine Family. - Manufacturers to have their SCM dataset submissions validated to ensure compliance with business rules.	Specialty Vehicle Engine
EVCIS-5815 EVCIS-5745 EVCIS-5747	New Feature/Functionality: SVE RFC/RUC Submission process will allow: - Manufacturers to submit New and Revised Requests for Certificate (RFC) and Request for Certificate Summary Information (CSI) updates (RUC) processes for SVE through the RFC Module. - Manufacturers to see the appropriate compliance statements and certification documents when submitting an SVE RFC/RUC. - The general information and compliance statements in Manufacturer SVE RFC/RUC submissions to be validated to ensure appropriate information has been entered. - The certification documents in Manufacturer SVE RFC/RUC submissions to be validated to ensure appropriate information has been entered.	Specialty Vehicle Engine
EVCIS-5813	New Feature/Functionality: Update Intro to Commerce Date submission Description: Manufacturers will be able to submit an update to the Intro to Commerce Date for SVE in the Cross-Industry Services module.	Specialty Vehicle Engine

EVCIS-5641	Modified Feature/Functionality: Addition of SVE Industry information to my Manufacturer Profile Description: Manufacturers will be able to include information for the SVE industry on the Manufacturer Profile, as well as the Upload Document module.	Specialty Vehicle Engine
Add Motorcycle/All-Terrain Vehicles (MC/ATV) Industries to the Request for Certificate (RFC) Module		
EVCIS-4866 EVCIS-4870 EVCIS-4871 EVCIS-4874 EVCIS-4878 EVCIS-4884 EVCIS-4890 EVCIS-7032	New Feature/Functionality: MC/ATV RFC/RUC Submission changes allow: - Manufacturers to submit New and Revised Requests for Certificate (RFC) and Requests for Certificate Summary Information (CSI) Update (RUC) for MC/ATV through the common RFC module. - Manufacturers to see the appropriate compliance statements and certification documents when submitting a MC/ATV RFC/RUC. - The general information and compliance statements in Manufacturer MC/ATV RFC/RUC submissions to be validated to ensure appropriate information has been entered. - The certification documents in Manufacturer MC/ATV RFC/RUC submissions to be validated to ensure appropriate information has been entered. - Manufacturers to enter MC/ATV industry information into the RFC/RUC module.	MC/ATV RFC
EVCIS-4879	New Feature/Functionality: Intro to Commerce Date submission Description: Manufacturers will be able to submit an update to the Introduction to Commerce Date for MC/ATV in the Cross Industry Services module.	MC/ATV RFC

EVCIS-4865	New Feature/Functionality: Pending Dataset Warning and Deletion Notifications Description: MC/ATV Manufacturers will receive a notification after 15 days (and every 5 days thereafter) indicating that they have a pending dataset for a previously certified Engine Family for which they have not submitted an RFC/RUC. MC/ATV Manufacturers will receive a notification after 30 days that their pending dataset (MY 2018 or later) has been deleted.	MC/ATV RFC
EVCIS-4893 EVCIS-4885 EVCIS-4887 EVCIS-4902	New Feature/Functionality: Business Rules Validation Description: Manufacturer information submitted for MC/ATV will be validated with the new dataset status codes to ensure conformance with data requirements.	MC/ATV RFC
EVCIS-4886	Modified Feature/Functionality: Manufacturers will no longer see the MC/ATV links for the old manufacturer RFC. Description: The MC/ATV Certificate Request section and associated links have been removed from the MFR UI.	MC/ATV RFC
EVCIS-4882 EVCIS-5209	Modified Feature/Functionality: Updates to MC/ATV Upload Certification Document Module: - List of certification documents will be modified in accordance with new RFC requirements. - Application for Certification document will be validated to ensure that the correct Confidentiality Status was reported.	MC/ATV RFC
Certificate Status Management Module (CSMM) Maintenance and Enhancements		
EVCIS-4864 EVCIS-4851 EVCIS-5699	New Feature/Functionality: Manufacturer Submission Validation and Notifications for Void, Revoked, or Suspended MC/ATV Certificates - MC/ATV submissions associated with voided, revoked, or suspended certificates will be validated to determine whether or not they can be processed. - MC/ATV Manufacturers will receive CDX inbox notifications when an action has been taken by EPA to void, revoke, or suspend a certificate.	MC/ATV, CSMM
Common Services Maintenance and Enhancements		

EVCIS-5615 EVCIS-5833 EVCIS-5836 EVCIS-5835 EVCIS-5834 EVCIS-5832 EVCIS-5831 EVCIS-5830 EVCIS-5766	Modified Feature/Functionality: Help Button - Manufacturers will be directed to the industry-specific EPA documentation webpage from the Help links.	Common Services
Cross Industry Services Maintenance and Enhancements		
EVCIS-5508	Problem: Business Rule does not trigger when Engine Family name does not belong to the industry that it is submitted for. Solution: Added a cross industry check to CROSS-ICD-BR001 to ensure that the rule is triggered as expected. This check now searches across all industries rather than limiting the check to the selected industry.	Cross Industry Services
Heavy-Duty Engines Maintenance and Enhancements		
EVCIS-5583	Modified Feature/Functionality: Validation of Deterioration Factors for Greenhouse Gas pollutants in Transient tests - HD Engines Manufacturers will be required to enter deterioration factors for the greenhouse gas (GHG) pollutants for which they are submitting transient tests.	Heavy-Duty Engines
EVCIS-5585	Modified Feature/Functionality: Validation of Family Emission Limit (FEL) and Family Certification Level (FCL) values - Manufacturer users will be required to enter Family Emission Limit (FEL) and Family Certification Level (FCL) values to the same number of decimal places as the standard. Manufacturer users will see FEL and FCL values displayed to the same number of decimal places as the standard on the CSI Report and certificate.	Heavy-Duty Engines
Light-Duty Fuel Economy Maintenance and Enhancements		

EVCIS-6843 EVCIS-7058	Modified Feature/Functionality: Air Conditioning/Off-Cycle Credits, Manage Compliance Report Dataset Link - Light-Duty Manufacturers will see a link to "Manage Compliance Report Dataset" under a new "Air Conditioning/Off-Cycle Credits" section on the Light-Duty Vehicle and Truck Fuel Economy home page.	Light-Duty Fuel Economy
Light-Duty/GHG Maintenance and Enhancements		
EVCIS-5566 EVCIS-5555 EVCIS-4003 EVCIS-563	New Feature/Functionality: New fields for Light-Duty Test Group - Light-Duty Manufacturers will see two new Light-Duty Test Group fields, "Mechanically Variable Compression Ratio" and "Air Aspiration Drive Method," on the manufacturer interface and in the CSI report. The fields will be validated.	Light-Duty
Light-Duty In-Use Verification Program (IUVP) Maintenance and Enhancements		
EVCIS-4295	Modified Feature/Functionality: Added validation for the 'In-Use Standard (Federal)' and 'In-Use Standard (California)' fields - The "In-Use Standard (Federal)" and "In-Use Standard (California)" fields on the IUVP Test Information screen will no longer have asterisks. Added a new business rule to enforce the validation for these two fields.	Light-Duty IUVP
MC/ATV Maintenance and Enhancements		
EVCIS-4859 EVCIS-4897 EVCIS-5453	New Feature/Functionality: Requested Dataset Report and Delete Dataset - MC/ATV manufacturers can now request a copy of the most recently submitted dataset for each engine family. - MC/ATV manufacturers can delete a pending engine family dataset.	MC/ATV
EVCIS-5326	Problem: Only partial Engine and Vehicle Original Equipment Manufacturer information data is being collected for MC/ATV. Solution: Updated four OEM information fields on the CSI.1 tab to be required for all submissions.	MC/ATV

| EVCIS-5617 | Problem: For EDV Carry Across test data type, the Original Engine Family Name can contain any manufacturer code.

Solution: Implemented Business Rule validation to ensure that with an EDV Type of Carry Across: the second, third, and fourth characters in the Original Engine Family Name should not have to match the EPA manufacturer code of the submitter. | MC/ATV |
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| **Nonroad Compression-Ignition (NRCI) Maintenance and Enhancements** | | |
| EVCIS-5614
EVCIS-5325
EVCIS-5282
EVCIS-5224
EVCIS-5223
EVCIS-4841 | Issue: NRCI transient, steady-State discrete, steady-state ramped, adjustment factors, smoke test, and displacement calculations had discrepancy when rounding calculated values

Solution: Fixed the conversion of decimal values so that the NRCI steady-state ramped, steady-state discrete, displacement, smoke test, and adjustment factors calculations will round values correctly. | Nonroad Compression-Ignition |
| EVCIS-5765 | Modified Feature/Functionality: Modified NRCI discrete modal and transient calculations

- Modified the NRCI discrete modal and transient calculations so that the combined adjusted test result will be rounded to three decimal places before applying the deterioration factor. | Nonroad Compression-Ignition |
| EVCIS-6747 | Modified Feature/Functionality: Added Total Hydrocarbon Equivalent (THCE) as an infrequent regeneration adjustment factor (IRAF) pollutant

- Manufacturers will be able to select THCE as an IRAF pollutant for methanol- and ethanol-fueled engines, and it will be validated through a new business rule. | Nonroad Compression-Ignition |
| EVCIS-5584 | Modified Feature/Functionality: Validation of IRAF values

- Manufacturers will be required to enter IRAF values for all certification test cycle types and all criteria pollutants when using infrequent regeneration on an aftertreatment device (ATD). | Nonroad Compression-Ignition |

EVCIS-5536	Issue: NRCI Non-ATD Comments are not saved if Non-ATD Type is "Other"	Nonroad Compression-Ignition
	Solution: Fixed issue so that NRCI Non-ATD Comments will be saved correctly if Non-ATD Type is "Other."	
Nonroad Spark-Ignition (NRSI) Maintenance and Enhancements		
EVCIS-4748	New Feature/Functionality: Validation for test engine numbers	Nonroad Spark-Ignition
	- NRSI Manufacturers will be prevented from selecting duplicate test engine numbers on the Test Engine(s) tab.	
EVCIS-4741	Modified Feature/Functionality: Validation for family emission limit (FEL)	Nonroad Spark-Ignition
	- NRSI Manufacturers will only be allowed to enter an FEL value under certain conditions for NRSI Evaporative components.	
EVCIS-4729	Issue: Incorrect standard used to evaluate a natural gas test	Nonroad Spark-Ignition
	Solution: Modified the system so that when a liquefied petroleum gas (LPG) or propane test is processed first, the correct hydrocarbon standard is used to evaluate a subsequent natural gas test for NRSI.	
RFC/RUC Maintenance and Enhancements		
EVCIS-4817	New Feature/Functionality: Manufacturers will be able to see if a Cert. Document was previously included for RFC	Request for Certificate
	Description: When requesting a revised RFC/RUC, Manufacturers will see a new column indicating whether or not a certification document was selected for the previously-issued certificate or approved RUC.	