

Texas Chapter 101 - General Air Quality Rules

SUBCHAPTER F : EMISSIONS EVENTS AND SCHEDULED MAINTENANCE, STARTUP, AND SHUTDOWN ACTIVITIES

DIVISION 1 : EMISSIONS EVENTS, SIP effective 2011-01-10.

Outline:

§101.201. Emissions Event Reporting and Recordkeeping Requirements. G-80, TXd120, TX044

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§101.201. Emissions Event Reporting and Recordkeeping Requirements.

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CHAPTER 101: GENERAL AIR QUALITY RULES

**SUBCHAPTER F: EMISSIONS EVENTS AND SCHEDULED MAINTENANCE, STARTUP,
AND SHUTDOWN ACTIVITIES**

DIVISION 1: EMISSIONS EVENTS

§101.201

§101.201. Emissions Event Reporting and Recordkeeping Requirements.

(a) The following requirements for reportable emissions events apply.

(1) As soon as practicable, but not later than 24 hours after the discovery of an emissions event, the owner or operator of a regulated entity shall:

(A) determine if the event is a reportable emissions event; and

(B) notify the commission office for the region in which the regulated entity is located, and all appropriate local air pollution control agencies with jurisdiction, if the emissions event is reportable.

(2) The initial 24-hour notification for reportable emissions events, with the exception of emissions from boilers or combustion turbines referenced in the definition of reportable quantity (RQ) in §101.1 of this title (relating to Definitions) for each regulated entity, must at a minimum, identify for each emissions point with emissions that exceed an RQ:

(A) the name of the owner or operator of the regulated entity experiencing an emissions event;

(B) the commission Regulated Entity Number of the regulated entity experiencing an emissions event, if a Regulated Entity Number exists, or if there is not a Regulated Entity Number, the air account number of the regulated entity. If a Regulated Entity Number and air account number do not exist, then identify the location of the release and a contact telephone number;

(C) the common name of the process units or areas, the common name of the facilities that incurred the emissions event, and the common name of the emission points where the unauthorized emissions exceeded an RQ were released to the atmosphere;

(D) the date and time of the discovery of the emissions;

(E) the estimated duration of the emissions;

(F) the compound descriptive type of the individually listed compounds or mixtures of air contaminants released during the emissions event, in the definition of RQ in §101.1 of this title that are known through common process knowledge, past engineering analysis, or testing to have equaled or exceeded the RQ;

(G) the estimated total quantities for those compounds or mixtures described in subparagraph (F) of this paragraph;

(H) the best known cause of the emissions event at the time of the initial 24-hour notification, if known; and

(I) the actions taken, or being taken, to correct the emissions event and minimize the emissions.

(3) The initial 24-hour notification for reportable emissions events for boilers or combustion turbines referenced in the definition of RQ in §101.1 of this title must identify for each emission point with excess opacity that exceeds the RQ by more than 15%:

(A) the name of the owner or operator of the regulated entity experiencing an emissions event;

(B) the commission Regulated Entity Number of the regulated entity experiencing an emissions event, if a Regulated Entity Number exists, or if there is not a Regulated Entity Number, the air account number of the regulated entity. If a Regulated Entity Number and air account number do not exist, then identify the location of the release and a contact telephone number;

(C) the best known cause of the emissions event, if known at the time of notification;

(D) the common name of the process units or areas, the common name of the facilities that experienced the emissions event, and the common name of the emission points where the unauthorized opacity that exceeded the RQ occurred;

(E) the date and time of the discovery of the emissions event;

(F) the estimated duration or expected duration of the emissions;

(G) the estimated opacity; and

(H) the actions taken, or being taken, to correct the emissions event and minimize the emissions.

(4) The owner or operator of a regulated entity experiencing a reportable emissions event that also requires an initial notification under §327.3 of this title (relating to Notification Requirements) may satisfy the initial 24-hour notification requirements of this section by complying with the requirements under §327.3 of this title.

(b) The owner or operator of a regulated entity experiencing an emissions event shall create a final record of all reportable and non-reportable emissions events as soon as practicable, but no later than two weeks after the end of an emissions event. Final records must be maintained on-site for a minimum of five years and be made readily available upon request to commission staff or personnel of any air pollution program with jurisdiction. If a regulated entity is not normally staffed, records of emissions events may be maintained at the staffed location within Texas that is responsible for the day-to-day operations of the regulated entity.

(1) The final record of a reportable emissions event must identify for all emission points involved in the emissions event:

(A) the name of the owner or operator of the regulated entity experiencing an emissions event;

(B) the commission Regulated Entity Number of the regulated entity experiencing an emissions event, if a Regulated Entity Number and air account number exists, or if there is not a Regulated Entity Number, the air account number of the regulated entity. If a Regulated Entity Number and air account number do not exist, then identify the location of the release and a contact telephone number;

(C) the physical location of the points at which emissions to the atmosphere occurred;

(D) the common name of the process units or areas, the common name and the agency-established facility identification number of the facilities that experienced the emissions event, and the common name and the agency-established emission point numbers where the unauthorized emissions were released to the atmosphere. Owners or operators of those facilities and emission points that the agency has not established facility identification numbers or emission point numbers for are not required to provide the facility identification numbers and emission point numbers in the report, but are required to provide the common names in the report.

(E) the date and time of the discovery of the emissions event;

(F) the estimated duration of the emissions;

(G) the compound descriptive type of all individually listed compounds or mixtures of air contaminants in the definition of RQ in §101.1 of this title, from all emission points involved in the emissions event, that are known through common process knowledge or past engineering analysis or testing to have been released during the emissions event, except for boilers or combustion turbines referenced in the definition of RQ in §101.1 of this title. Compounds or mixtures of air contaminants, that have an RQ greater than or equal to 100 pounds and the amount released is less than ten pounds in a 24-hour period, are not required to be specifically listed in the report, instead these compounds or mixtures of air contaminants may be identified together as “other”;

(H) the estimated total quantities for those compounds or mixtures described in subparagraph (G) of this paragraph; the preconstruction authorization number or rule citation of the standard permit, permit by rule, or rule, if any, governing the facilities involved in the emissions event; and the authorized emissions limits, if any, for the facilities involved in the emissions events, except for boilers or combustion turbines referenced in the definition of RQ in §101.1 of this title, which record only the authorized opacity limit and the estimated opacity during the emissions event. Good engineering practice and methods must be used to provide reasonably accurate representations for emissions and opacity. Estimated emissions from compounds or mixtures of air contaminants that are identified as “other” under subparagraph (G) of this paragraph, are not required for each individual compound or mixture of air contaminants, however, a total estimate of emissions must be provided for the category identified as “other”;

(I) the basis used for determining the quantity of air contaminants emitted, except for boilers or combustion turbines referenced in the definition of RQ in §101.1 of this title;

(J) the best known cause of the emissions event at the time of reporting;

(K) the actions taken, or being taken, to correct the emissions event and minimize the emissions; and

(L) any additional information necessary to evaluate the emissions event.

(2) Records of non-reportable emissions events must identify:

(A) the name of the owner or operator of the regulated entity experiencing an emissions event;

(B) the commission Regulated Entity Number and air account number of the regulated entity experiencing an emissions event, if a Regulated Entity Number and air account number exists, or if there is not a Regulated Entity Number, the air account number of the regulated entity. If a Regulated Entity Number and air account number do not exist, then identify the location of the release and a contact telephone number;

(C) the physical location of the points at which emissions to the atmosphere occurred;

(D) the common name of the process units or areas, the common name and the agency-established facility identification number of the facilities that experienced the emissions event, and the common name and the agency-established emission point numbers where the unauthorized emissions were released to the atmosphere. Owners or operators of those facilities and emission points that the commission has not established facility identification numbers or emission point numbers for

are not required to provide the facility identification numbers and emission point numbers in the report, but are required to provide the common names in the report;

(E) the date and time of the discovery of the emissions event;

(F) the estimated duration of the emissions;

(G) the compound descriptive type of the individually listed compounds or mixtures of air contaminants, in the definition of RQ in §101.1 of this title, from all emission points involved in the emissions event, that are known through common process knowledge or past engineering analysis, except for boilers or combustion turbines referenced in the definition of RQ in §101.1 of this title and that were unauthorized. Compounds or mixtures of air contaminants, that have an RQ greater than or equal to 100 pounds and the amount released is less than ten pounds in a 24-hour period, are not required to be specifically listed in the report, instead these compounds or mixtures of air contaminants may be identified together as “other”;

(H) the estimated total quantities and the authorized emissions limits for those compounds or mixtures described in subparagraph (G) of this paragraph; the preconstruction authorization number or rule citation of the standard permit, permit by rule, or rule, if any, governing the facilities involved in the emissions event; and the authorized emissions limits, if any, for the facilities involved in the emissions events, except for boilers or combustion turbines referenced in the definition of RQ in §101.1 of this title, which record only the authorized opacity limit and the estimated opacity during the emissions event. Good engineering practice and methods must be used to provide reasonably accurate representations for emissions and opacity. Estimated emissions from compounds or mixtures of air contaminants that are identified as “other” under subparagraph (G) of

this paragraph, are not required for each individual compound or mixture of air contaminants, however, a total estimate of emissions must be provided for the category identified as “other”;

(I) the basis used for determining the quantity of air contaminants emitted, except for boilers or combustion turbines referenced in the definition of RQ in §101.1 of this title;

(J) the best known cause of the emissions event at the time of recording;

(K) the actions taken, or being taken, to correct the emissions event and minimize the emissions; and

(L) any additional information necessary to evaluate the emissions event.

(c) For all reportable emissions events, if the information required in subsection (b) of this section differs from the information provided in the initial 24-hour notification under subsection (a) of this section, the owner or operator of the regulated entity shall submit a copy of the final record to the commission office for the region in which the regulated entity is located and to appropriate local air pollution agencies with jurisdiction no later than two weeks after the end of the emissions event. If the owner or operator does not submit a record under this subsection, the information provided in the initial 24-hour notification under subsection (a) of this section will be the final record of the emissions event, provided the initial 24-hour notification was submitted electronically in accordance with subsection (g) of this section.

(d) The owner or operator of a boiler or combustion turbine, as defined in §101.1 of this title, fueled by natural gas, coal, lignite, wood, or fuel oil containing hazardous air pollutants at a

concentration of less than 0.02% by weight, that is equipped with a continuous emission monitoring system that completes a minimum of one operating cycle (sampling, analyzing, and data recording) for each successive 15-minute interval, and is required to submit excess emission reports by other state or federal requirements, is exempt from creating, maintaining, and submitting final records of reportable and non-reportable emissions events of the boiler or combustion turbine under subsections (b) and (c) of this section if the notice submitted under subsection (a) of this section contains the information required under subsection (b) of this section.

(e) As soon as practicable, but not later than 24 hours after the discovery of an excess opacity event, as defined in §101.1 of this title, where the owner or operator was not already required to provide an initial 24-hour notification under subsection (a)(2) or (3) of this section, the owner or operator shall notify the commission office for the region in which the regulated entity is located, and all appropriate local air pollution control agencies with jurisdiction. In the notification, the owner or operator shall identify:

(1) the name of the owner or operator of the regulated entity experiencing the excess opacity event;

(2) the commission Regulated Entity Number and air account number of the regulated entity experiencing an opacity event, if a Regulated Entity Number and air account number exists, or if there is not a Regulated Entity Number, the air account number of the regulated entity. If a Regulated Entity Number and air account number do not exist, then identify the location of the release and a contact telephone number;

(3) the physical location of the excess opacity event;

(4) the common name of the process units or areas, the common name of the facilities where the excess opacity event occurred, and the common name of the emission points where the excess opacity event occurred;

(5) the date and time of the discovery of the excess opacity event;

(6) the estimated duration of the excess opacity;

(7) the estimated opacity;

(8) the authorized opacity limit for the facilities having the excess opacity event;

(9) the best known cause of the excess opacity event at the time of the notification; and

(10) the actions taken, or being taken, to correct the excess opacity event.

(f) The owner or operator of any regulated entity subject to the provisions of this section shall perform, upon request by the executive director or any air pollution control agency with jurisdiction, a technical evaluation of each emissions event. The evaluation must include at least an analysis of the probable causes of each emissions event and any necessary actions to prevent or minimize recurrence. The evaluation must be submitted in writing to the executive director and to the appropriate local air pollution agencies with jurisdiction within 60 days from the date of request. The 60-day period may be extended by the executive director. Additionally, the owner or operator of a regulated entity experiencing an emissions event must provide, in writing, additional or more detailed information

regarding the emissions event when requested by the executive director or any air pollution control agency with jurisdiction, within the time established in the request.

(g) On and after January 1, 2003, notifications and reports required in subsection (c) of this section must be submitted electronically to the commission using the electronic forms provided by the commission. On and after January 1, 2004, notifications required in subsections (a) and (e) of this section must be submitted via commission's secure Web server, facsimile, or electronic mail to the commission using electronic forms provided by the commission. Notwithstanding the requirement to report initial 24-hour notifications electronically after January 1, 2004, the owner or operator of a regulated entity experiencing a reportable emissions event that also requires an initial notification under §327.3 of this title, is not required to report the event electronically under this subsection provided the owner or operator complies with the requirements under §327.3 of this title and in subsections (a) and (c) of this section. If the initial notification is not submitted by using an online form on the commission's secure Web server, the owner or operator must submit the identical information on the commission's secure Web server within 48 hours of discovery of the event. In the event the commission's server is unavailable due to technical failures or scheduled maintenance, events may be reported via facsimile to the appropriate regional office. The commission will provide an alternative means of notification in the event that the commission's electronic reporting system is inoperative. Electronic notification and reporting is not required for small businesses that meet the small business definition in Texas Water Code, §5.135(g)(2) and to appropriate local air pollution control agencies with jurisdiction. Small businesses shall provide notifications and reporting by any viable means that meet the time frames required by this section.

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~~(h) Annual emissions event reporting: beginning in calendar year 2007, on or before March 31 of each calendar year or as directed by the executive director, each owner or operator of a regulated~~

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entity, as defined in §101.1 of this title that is subject to reporting under §101.10 of this title (relating to Emissions Inventory Requirements), and those that are not subject to reporting under §101.10 of this title, but are located in nonattainment, maintenance, early action compact areas, Nueces County, and San Patricio County, that experienced at least one emissions event during the calendar year shall report to the executive director, and all appropriate local air pollution control agencies with jurisdiction, the following:

(1) the total number of reportable and the total number of non-reportable emissions events experienced at the regulated entity;

(2) the estimated total quantities for all compounds or mixtures of air contaminants, by compound or mixture, in the definition of RQ in §101.1 of this title that, by facility, were emitted during emissions events at the regulated entity. Compounds or mixtures of air contaminants, that have an RQ greater than or equal to 100 pounds and the amount released is less than one pound in a 24-hour period, are not required to be included in the report. Good engineering practice and methods must be used to provide reasonably accurate representations for emissions and opacity. This paragraph does not apply to boilers and combustion turbines referenced in the definition of RQ in §101.1 of this title that must report only the estimated opacities during emissions events and duration of unauthorized opacity; and

(3) owners and operators of regulated entities that are not subject to reporting under §101.10 of this title must provide annual emissions event reporting electronically by using an online form on the commission's secure Web server. The commission will provide an alternative means of reporting in the event that the commission's electronic reporting system is inoperative. If the commission's server is unavailable due to technical failures or scheduled maintenance, the annual

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reports may be provided through alternative means to the executive director. Annual electronic reporting is not required for small businesses that meet the small business definition in Texas Water Code, §5.135(g)(2) and to appropriate local air pollution control agencies with jurisdiction. Small businesses shall provide annual reporting by any viable means that meet the time frames required by this section.

(4) owners and operators of regulated entities that are subject to reporting under §101.10 of this title must provide the information required by this subsection as part of their reporting under §101.10 of this title.