

24.1(455B) Excess emission reporting.

24.1(1) *Excess emission during periods of startup, shutdown, or cleaning of control equipment.* Excess emission during a period of startup, shutdown, or cleaning of control equipment is not a violation of the emission standard if the startup, shutdown or cleaning is accomplished expeditiously and in a manner consistent with good practice for minimizing emissions. Cleaning of control equipment which does not require the shutdown of the process equipment shall be limited to one six-minute period per one-hour period.

24.1(2) *Initial report of excess emission.* An incident of excess emission (other than an incident of excess emission during a period of startup, shutdown, or cleaning) shall be reported to the appropriate regional office of the department within eight hours of, or at the start of the first working day following the onset of the incident. The reporting exemption for an incident of excess emission during startup, shutdown or cleaning does not relieve the owner or operator of a source with continuous monitoring equipment of the obligation of submitting reports required in 567-subrule 25.1(6).

An initial report of excess emission is not required for a source with operational continuous monitoring equipment (as specified in 567-subrule 25.1(1)) if the incident of excess emission continues for less than 30 minutes and does not exceed the applicable emission standard by more than 10 percent or the applicable visible emission standard by more than 10 percent opacity.

The initial report shall be made by electronic mail (E-mail), in person, or by telephone and shall include as a minimum the following:

a. The identity of the equipment or source operation from which the excess emission originated and the associated stack or emission point.

b. The estimated quantity of the excess emission.

c. The time and expected duration of the excess emission.

d. The cause of the excess emission.

e. The steps being taken to remedy the excess emission.

f. The steps being taken to limit the excess emission in the interim period.

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24.1(3) *Written report of excess emission.* A written report of an incident of excess emission shall be submitted as a follow-up to all required initial reports to the department within seven days of the onset of the upset condition, and shall include as a minimum the following:

a. The identity of the equipment or source operation point from which the excess emission originated and the associated stack or emission point.

b. The estimated quantity of the excess emission.

c. The time and duration of the excess emission.

d. The cause of the excess emission.

e. The steps that were taken to remedy and to prevent the recurrence of the incident of excess emission.

f. The steps that were taken to limit the excess emission.

g. If the owner claims that the excess emission was due to malfunction, documentation to support this claim.

24.1(4) *Excess emissions.* An incident of excess emission (other than an incident during startup, shutdown or cleaning of control equipment) is a violation. If the owner or operator of a source maintains that the incident of excess emission was due to a malfunction, the owner or operator must show that the conditions which caused the incident of excess emission were not preventable by reasonable maintenance and control measures. Determination of any subsequent enforcement action will be made following review of this report. If excess emissions are occurring, either the control equipment causing the excess emission shall be repaired in an expeditious manner or the process generating the emissions shall be shutdown within a reasonable period of time. An expeditious manner is the time necessary to determine the cause of the excess emissions and to correct it within a reasonable period of time. A reasonable period of time is eight hours plus the period of time required to shut down the process without damaging the process equipment or control equipment. A variance from this subrule may be available as provided for in Iowa Code section 455B.143. In the case of an electric utility, a reasonable period of time is eight hours plus the period of time until comparable generating capacity is available to meet consumer demand with the affected unit out of service, unless the

director shall, upon investigation, reasonably determine that continued operation constitutes an unjustifiable environmental hazard and issue an order that such operation is not in the public interest and require a process shutdown to commence immediately.

24.1(5) *Compliance with other paragraphs.* Subrules 24.1(1) to 24.1(4) notwithstanding, a fossil fuel-fired steam generator to which 567-paragraph 23.1(2) "a," "z," or "ccc" applies shall comply with 567-paragraph 23.1(2) "a," "z," or "ccc."

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EPA Rulemakings

CFR: 40 C.F.R. 52.820(c)34
FRM: 47 FR 1119 (1/11/82)
PRM: 46 FR 46351 (9/18/81)
State Submission: 12/23/80
State Proposal: IAB 5/28/80 (ARC 1094)
State Final: 11/3/80
APDB File: IA-11
Description: The EPA approved Chapter 24, which deals with excess air emissions during equipment malfunctions, breakdowns, and start-up and shutdowns. Also approved were related definitions in Chapter 20.

CFR: 40 C.F.R. 52.820(c) (43)
FRM: 50 FR 37176 (9/12/85)
PRM: 49 FR 45761 (11/20/84)
State Submission: 7/18/84
State Proposal: None
State Final: 7/1/83
APDB File: IA-19
Description: Recodification of the regulations from Chapter 3 of the Iowa Department of Environmental Quality into Department 900, Title II, Chapters 20-39 of the Iowa Department of Water, Air and Waste Management (IDWAWM).

CFR: 40 C.F.R. 52.820(c) (52) (i) (B)
FRM: 55 FR 26690 (6/29/90)
PRM: None
State Submission: 5/7/90
State Proposal: IAB 11/15/89 (ARC 412A)
State Final: IAB 2/7/90 (ARC 658A) (Effective 3/14/90)
APDB File: IA-32
Description: This rulemaking recodified Chapters 20-29. It was Water, Air and Waste Management (900) and is now Environmental Protection Commission (567).

CFR: 40 C.F.R. 52.820(c) (57) (i) (A)
FRM: 58 FR 27939 (5/12/93)
PRM: None
State Submission: 1/5/93
State Proposal: IAB 9/16/92 (ARC 3350A)
State Final: IAB 1/20/93 (ARC 3694A) (Effective 2/24/93)
APDB File: IA-37
Description: This revision added that when cleaning equipment which does not require the shutdown of the process equipment, cleaning of equipment shall be limited to one six-minute period per one-hour period.

CFR: 40 C.F.R. 52.820 (c)
FRM: 64 FR 17548 (4/12/99) and 65 FR 32030 (5/22/00) (correction)
PRM: 64 FR 17592 (4/12/99)
State Submission: 8/12/98
State Proposal: 1/14/98
State Final: IAC 4/8/98
APDB File: IA-71
Description: This revision modifies oral reporting of excess emissions to improve the clarity of this rule.

CFR: 40 C.F.R. 52.820(c)
FRM: 78 FR 63887 (10/25/2013)
PRM: 78 FR 63937 (10/25/13)
State Submission: 3/7/2008, 1/11/2010, 3/1/2011
State Final: IAB (ARC 9154B) 10/20/10 effective 11/24/10
APDB File: IA-141 and IA 143; EPA-R07-OAR-2012-0410 (effective 12/24/13)
Description: This revision clarifies that initial reports of excess emissions must be followed by a written report within seven days of the onset of the upset condition.

Difference Between the State and EPA-Approved Regulation:

None.