

II&S DRAFT PROPOSED RULE UFIP LANGUAGE

February 22, 2023

Current Regulations

§ 63.7800 What are my operation and maintenance requirements?

- (a) You must always operate and maintain your affected source, including air pollution control and monitoring equipment, according to the requirements in § 63.7810(d).
- (b) You must prepare and operate at all times according to a written operation and maintenance plan **for each capture system or control device subject to an operating limit in § 63.7790(b)**. Additionally, each plan must address the elements in paragraphs (b)(1) through (7) of this section.

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Potential New Provisions

Definitions – Add New Definitions as Shown in § 63.7852 and new O&M Plan Requirements as Shown in § 63.7800, Below

§ 63.7852

Terms used in this subpart are defined in the Clean Air Act, in § 63.2, and in this section as follows:

Iron beaching operation means pouring hot molten iron from a torpedo car onto the ground when the iron from the blast furnace cannot be charged to the basic oxygen process furnace.

Planned bleeder valve opening means the opening of a blast furnace pressure relief safety valve that is initiated by an operator.

Unplanned bleeder valve opening means the opening of a blast furnace pressure relief safety valve that is not a planned bleeder valve opening.

§ 63.7800(c) and (d)

- (c) You must include in your written operation and maintenance plan required under § 63.7800(b) practices to address the following fugitive emissions: fugitive emissions from planned and unplanned openings bleeder valve openings; and fugitive emissions from iron beaching operations. The plan must address the operations identified in paragraphs (c)(1)-(3). In determining the appropriate plan contents for the identified operations, you may take into consideration equipment design, facility configuration, worker safety, previous demonstrated capabilities, and other operational considerations.
- (1) The plan shall include procedures to minimize emissions during **planned bleeder valve openings**, which may include, for example:
 - a. Reducing or stopping tuyere fuel injection;
 - b. Reducing hot blast pressure to an established value.
- (2) In addressing **unplanned bleeder valve openings**
 - a. For furnaces that rely on a stockline monitoring device, the plan shall document the procedures for use of the stockline monitoring device to measure stockline and burden movement that are used to minimize the frequency of unplanned openings.
 - b. For furnaces that do not rely on a stockline monitoring device, the plan shall include procedures to minimize the frequency of unplanned openings
 - c. Records of the date and duration of unplanned openings shall be maintained.

- (3) In addressing **iron beaching operations**, the plan shall include procedures that address the following in order to minimize emissions:
- a. Preparing the beaching area prior to the beaching of iron in a manner designed to minimize fugitive emissions from the process;
 - b. Controlling the pour rate from the torpedo car to minimize fugitive emissions;
 - c. Managing visible emissions when they occur through observation of emissions from the process, if any, and responding to such emissions, e.g., by taking steps to adjust the iron pour rate, pause or stop the pour, or move to a different pour location as appropriate.
- (d) Your plan provisions related to fugitive emissions must be incorporated into your operation and maintenance plan by [insert 180 days after effective date of final rule] and shall be maintained on site and available upon request of the permitting authority. If, in reviewing the plan, the permitting authority or the Administrator determines that the required elements in Subparagraphs (c)(1)-(3) have not been addressed, you may be required to revise your plan to address such deficiency.

SLAG HANDLING AND PROCESSING PLANS/PROCEDURES – In process.