

FACT SHEET

STARTUP, SHUTDOWN, AND MALFUNCTION REQUIREMENTS

Startup, Shutdown, and Malfunction Plan

40 CFR 63.6(e)(3)(i)

What is it?

Facilities are required to develop a plan that describes detailed procedures for operating and maintaining the affected sources during periods of startup, shutdown, and malfunction, and that describes a program of corrective action for malfunctioning process and air pollution control equipment.

When is it required?

The plan must be developed and implemented by June 17, 2002.

Summary of Associated Recordkeeping Requirements

- Occurrence and duration of each startup, shutdown, and malfunction operation
- Occurrence and duration of each malfunction of air pollution control equipment
- Actions taken during periods of startup, shutdown, and malfunction when such actions *were not consistent* with the procedures in the Plan
- Information to demonstrate conformance with the Plan, when such actions *were consistent* it
- Dates of startups and shutdowns for the closed vent systems and control devices
- A record of each period during which a CMS malfunctioned or was inoperative
- A record of the nature and cause of any CMS malfunction
- A record of the corrective action taken or preventive measures adopted for any CMS
- A record of the nature of the repairs or adjustments to any CMS that was inoperative or out-of-control
- A record of the specific identification of each period of excess emissions and parameter monitoring exceedances, that occurs during startups, shutdowns, and malfunctions
- Records indicating that malfunctions were corrected as soon as practicable in accordance with Plan
- Records indicating that during periods of startup, shutdown, and malfunction, the source operated in accordance with the procedures of the Plan
- Records demonstrating that procedures specified in the Plan were followed

Summary of Associated Reporting Requirements

A startup, shutdown, and malfunction report must be submitted at least semiannually.

This report must include:

- A statement that actions taken were consistent with the plan, if they were;
- a description of whether any excess emissions and/or parameter monitoring exceedances were believed to have occurred, if actions taken *were not* consistent with the Plan;
- an explanation of the circumstances of the event, if actions taken *were not* consistent with the Plan;
- a description of all continuous monitoring system (CMS) repairs; and
- a certification of the report's accuracy by a responsible official.