

7011.0075 LISTED CONTROL EQUIPMENT GENERAL REQUIREMENTS.

Subpart 1. **Operation of control equipment.** The owner or operator of a stationary source shall operate all listed control equipment located at the stationary source whenever operating the emission units controlled by the listed control equipment in compliance with parts 7011.0060 to 7011.0080. Unless specifically allowed by a part 70, state, or general permit, each piece of listed control equipment, with the exception of low-temperature fabric filters (ID #018) using visible emissions as the monitoring parameter under part 7011.0080, shall at all times be operated in the range established by the control equipment manufacturer's specifications for each monitoring parameter listed in part 7011.0080, or within the operating parameters set by the commissioner as the result of the most recent performance test conducted to determine control efficiency under parts 7017.2001 to 7017.2060 if those are more restrictive.

The owner or operator with fabric filters (ID #016, #017, #018) using pressure drop as the monitoring parameter under part 7011.0080 and applying for a registration permit or a capped permit, may request an alternative range to the control equipment manufacturer's specifications, if the proposed range is based on two years of compliant monitoring data supplied with the request. The proposed operating range shall be deemed acceptable unless the owner or operator is notified otherwise in writing within 30 days of receipt by the commissioner. The commissioner shall deny a request for an alternative monitoring parameter range if the commissioner finds that:

- A. an owner or operator has failed to disclose fully all facts relevant to the proposed monitoring parameter range of the control device or the owner or operator has knowingly submitted false or misleading information to the commissioner;
- B. operation of the control device in the monitoring parameter range proposed by the owner or operator would result in noncompliance with applicable requirements, endanger human health or the environment, or subject the stationary source to different applicable requirements or requirements under chapter 7007; or
- C. the proposed range is not supported by the data supplied with the request.

Subp. 2. **Maintenance of control equipment.** The owner or operator of a stationary source shall maintain each piece of listed control equipment according to the control equipment manufacturer's specifications, shall comply with source-specific maintenance requirements specified in a part 70, state, or general permit, and shall perform the following on each piece of listed control equipment:

- A. maintain an inventory of spare parts that are subject to frequent replacement, as required by the manufacturing specification or documented in records under items H and I;

B. train staff on the operation and monitoring of control equipment and troubleshooting, and train and require staff to respond to indications of malfunctioning equipment, including alarms and other indicators of abnormal operation;

C. thoroughly inspect all control equipment at least annually, or as required by the manufacturing specification (this often requires shutting down temporarily);

D. inspect monthly, or as required by the manufacturing specification, components that are subject to wear or plugging, for example: bearings, belts, hoses, fans, nozzles, orifices, and ducts;

E. inspect quarterly, or as required by the manufacturing specification, components that are not subject to wear including structural components, housings, ducts, and hoods;

F. check daily, or as required by the manufacturing specification, monitoring equipment, for example: pressure gauges, chart recorders, temperature indicators, and recorders;

G. calibrate annually, or as required by the manufacturing specification, all monitoring equipment;

H. maintain a record of activities conducted in items A to G consisting of the activity completed, the date the activity was completed, and any corrective action taken; and

I. maintain a record of parts replaced, repaired, or modified for the previous five years.

Subp. 3. **Installation of monitoring equipment.** The owner or operator of a stationary source shall install monitoring equipment to measure the operating parameters of all listed control equipment as specified by parts 7011.0072 and 7011.0080 or by source specific monitoring requirements specified in a part 70, state, or general permit. The monitoring equipment must be installed prior to operation of any new process equipment controlled by the control equipment or, for stationary sources in operation on December 27, 1994, by the application deadline listed in part 7007.0350, subpart 1, item A. The owner or operator of a stationary source shall operate the monitoring equipment for each piece of listed control equipment at all times the listed control equipment is required to operate in compliance with part 7011.0075.

Subp. 4. **Shutdown and breakdown procedures.** In the event of a shutdown of listed control equipment, or a breakdown of listed control equipment, the owner or operator of a stationary source shall comply with part 7019.1000.

Subp. 5. **Deviation of listed control equipment from operating specifications.** The owner or operator of a stationary source shall report to the commissioner in accordance

with the deadlines in part 7007.0800, subpart 6, item A, subitem (2), any recorded reading outside the specification or range of specification allowed by subpart 1 of any monitored operating parameter required by part 7011.0080, except that owners or operators with a registration permit option D or a capped permit to which parts 7011.0060 to 7011.0080 apply shall make this report only if a deviation occurred in the reporting period. Owners or operators of low-temperature fabric control equipment (ID #018) using visible emissions as the monitoring parameter under part 7011.0080 shall report any visible emissions observed from the control equipment as a deviation.

Subp. 6. **Demonstration of capture and control equipment efficiency.** The owner or operator shall, upon request of the commissioner or the administrator, conduct a performance test under parts 7017.2001 to 7017.2060 to determine the capture efficiency of a hood or other capture device or to determine the efficiency of the control equipment. In addition to the reasons specified in part 7017.2020, subpart 1, the commissioner or the administrator may make such a request to verify that the capture device or control equipment at a stationary source is attaining the efficiency assumed under part 7011.0070.

Subp. 7. **Recalculation of potential to emit.**

A. The owner or operator shall recalculate the potential to emit of the stationary source under part 7007.0150, subpart 4, or under part 7007.1200 for amendments to part 70 or state permits, if the owner or operator becomes aware of any information indicating that the calculation originally performed under part 7007.0150, subpart 4, or 7007.1200, would change because the listed control equipment is not as efficient as originally assumed under part 7011.0070 or changes have been made to decrease the listed control equipment's efficiency. The owner or operator shall submit this recalculation to the commissioner within 30 days of becoming aware of the information.

B. The owner or operator shall, upon request of the commissioner or the administrator, recalculate the potential to emit of the stationary source under part 7007.0150, subpart 4, or part 7007.1200 for amendments to part 70 and state permits, and submit the recalculation to the commissioner or the administrator by the date specified in the request.

Statutory Authority: *MS s 116.07*

History: *19 SR 1345; 22 SR 1237; 23 SR 2224; 29 SR 626; 32 SR 904*

Published Electronically: *February 25, 2008*