

7011.0540 DERATE.

The owner or operator of indirect heating equipment who elects to achieve compliance with an applicable standard of performance by derating must:

A. advise the commissioner in writing of the intent to achieve compliance by derating and the capacity level at which the owner or operator intends to operate this equipment;

B. agree to a permit condition in the required operating permit that prohibits operating the equipment over the derate level;

C. install a boiler steam flow meter to continuously record, indicate, and integrate boiler steam flow, and must:

(1) submit a written report to the commissioner within ten days of any excess steam flow occurrence above the specified derate load;

(2) use a one-hour averaging period in determining an excess above derate with corrections for deviations in steam pressure or temperature if required;

(3) submit written yearly reports to the commissioner confirming that no excesses have occurred during normal operations; and

(4) retain and make available for inspection by the commissioner or the commissioner's authorized employees or agents steam flow charts for a minimum of two years after the date of measurement; and

D. submit an effective method of physical limitation of boiler load for approval by the commissioner before authorization of a boiler derate. The limitation may include a tieback signal from the steam flow meter to the combustion control system cutting back fuel input at the derate load, a maximum limit stop on the fuel input control drive or valve, or other equivalent physical means.

Statutory Authority: *MS s 116.07*

History: *L 1987 c 186 s 15; 18 SR 614; 44 SR 1030*

Published Electronically: *April 16, 2020*