

Parametric Monitoring Requirement Table

Section E.8. of the ROPA requires an owner or operator to monitor and record the appropriate control device parameters at the frequency specified in s. NR 439.055(2), Wis. Adm. Code for each control device used to meet any applicable emission limit. As of July 1, 2025, ch. NR 439 was revised, and the frequencies are no longer explicitly contained within the rule. However, facilities granted coverage under the ROPA must continue meeting the monitoring frequencies explicitly specified in the version of ch. NR 439 that was in effect at the time the ROPA was last revised in 2009. These frequencies are listed in the table below:

If the facility operates a type of control device that is not listed below, then the owner or operator shall keep records of control device parameters which demonstrate the proper operation of the device per the manufacturer’s specifications.

If you operate this control device:	You must monitor this parameter:	At this frequency, or more often:
Centrifugal Collector (cyclone)	Pressure drop	Once for every 8 hours of source operation or once per day, whichever yields the greater number of measurements
Multiple cyclone w/out flyash reinjection	Pressure drop	Once for every 8 hours of source operation or once per day, whichever yields the greater number of measurements
Multiple cyclone with flyash reinjection	Pressure drop	Once for every 8 hours of source operation or once per day, whichever yields the greater number of measurements
Wet cyclone separator	Pressure drop and water flow rate	Once for every 8 hours of source operation or once per day, whichever yields the greater number of measurements
Wall filters (including paint overspray filters and rotary drum filters)	Pressure drop OR Condition of filter including alignment, saturation and tears/holes	Pressure drop: once every 8 hours of source operation or once per day, whichever yields the greater number of measurements Filter condition: once before every day of operation
Fabric filters and HEPA filters (e.g., baghouse, cartridge collectors)	Pressure drop	Once for every 8 hours of source operation or once per day, whichever yields the greater number of measurements
Spray towers	Pressure drop and water flow rate	Once for every 8 hours of source operation or once per day, whichever yields the greater number of measurements

If you operate this control device:	You must monitor this parameter:	At this frequency, or more often:
Venturi scrubber	Pressure drop and scrubber liquor flow rate	Once for every 8 hours of source operation or once per day, whichever yields the greater number of measurements
Condensation scrubber (packed bed)	Pressure drop and scrubber liquor flow rate	Once for every 8 hours of source operation or once per day, whichever yields the greater number of measurements
Impingement plate scrubber	Pressure drop and scrubber liquor flow rate	Once for every 8 hours of source operation or once per day, whichever yields the greater number of measurements
Electrostatic precipitators	Primary and secondary voltage, in volts; primary and secondary current, in amps; and sparking rate, in sparks per minute	Once for every 8 hours of source operation or once per day, whichever yields the greater number of measurements
Thermal oxidizers	Temperature in the combustion chamber	Once every 15 minutes.
Catalytic oxidizers	Temperature in the inlet to the catalytic bed; and Catalyst bed reactivity	Once every 15 minutes.
Condenser	Condenser outlet gas temperature	Once every 15 minutes.
Flaring or direct combustor	Temperature indicating presence of flame	Continuous.
Biofilter	Bed temperature, moisture content	Once for every 8 hours of source operation or once per day, whichever yields the greater number of measurements
Carbon Adsorption	Pressure drop, VOC concentration at outlet	Once for every 8 hours of source operation or once per day, whichever yields the greater number of measurements

To read the [version of NR 439 in effect at the time the ROP-A was last revised](https://docs.wisconsin.gov/code/register/2025/834b/remove/nr439.pdf)

(<https://docs.wisconsin.gov/code/register/2025/834b/remove/nr439.pdf>) visit the Wisconsin State Legislature.

The Wisconsin Department of Natural Resources provides equal opportunity in its employment, programs, services, and functions. If you have any questions, please visit [DNR's Nondiscrimination Policies and Procedures](https://dnr.wisconsin.gov/About/Nondiscrimination) website (<https://dnr.wisconsin.gov/About/Nondiscrimination>). This publication is available in large print upon request. Please call 608-228-3032 for more information.