

Phosphoric Acid Production Monitoring Checklist



Final Rule: Mandatory Reporting of Greenhouse Gases

What Must Be Monitored for Each Wet-Process Phosphoric Acid Production Line?

If NOT using a CEMS, measure these parameters...

- Annual phosphoric acid production by origin of phosphate rock (tons)
- Monthly inorganic carbon content of phosphate rock (percent by weight). If phosphate rock is from more than one origin, collect and analyze a representative composite sample.
- Mass of phosphate rock consumed each month by origin (tons), measured using existing plant procedures used for accounting purposes or existing monitoring equipment.

If using a CEMS:

In addition to the monitoring requirements under 40 CFR subpart C for the Tier 4 Calculation Methodology, measure these parameters...

- Mass of phosphate rock consumed each month by origin (tons), measured using existing plant procedures used for accounting purposes or existing monitoring equipment.

See also the information sheet for Phosphoric Acid Production (EPA-430-F-09-030R) at: www.epa.gov/climatechange/emissions/downloads/infosheets/phosphoricacidproduction.pdf.

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