

Zinc Production Monitoring Checklist



Final Rule: Mandatory Reporting of Greenhouse Gases

What Must Be Monitored for Each Waelz Kiln or Electrothermic Furnace?

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

- | | |
|---|--|
| <input type="checkbox"/> Monthly mass of each carbon containing input material (e.g., zinc bearing material, flux materials, carbon electrodes) fed, charged, or introduced to each Waelz kiln or electrothermic furnace (tons) | <input type="checkbox"/> Operating hours for all Waelz kilns and electrothermic furnaces used in zinc production (hours) |
| <input type="checkbox"/> Carbon content of each input material (using three representative samples analyzed annually or using information provided by material supplier) (percent by weight) | <input type="checkbox"/> Monthly production quantity for each zinc product (tons) |

If using a CEMS:

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

- | | |
|--|---|
| <input type="checkbox"/> Facility production quantity for each zinc product (tons) | <input type="checkbox"/> Monthly production quantity for each zinc product (tons) |
| <input type="checkbox"/> Operating hours for all Waelz kilns and electrothermic furnaces used in zinc production (hours) | |

See also the information sheet for Zinc Production (EPA-430-F-09-037R) at: www.epa.gov/climatechange/emissions/downloads/infosheets/zincproduction.pdf.

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