

Glass Production Monitoring Checklist



Final Rule: Mandatory Reporting of Greenhouse Gases

What Must Be Monitored for Each Continuous Glass Melting Furnace?

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

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| <input type="checkbox"/> Annual mass fraction of each carbonate-based mineral in carbonate-based raw material (calculated or assumed to be 1.0) | <input type="checkbox"/> Annual calcination fraction achieved for each carbonate based raw material using industry consensus standards or default value of 1.0 (decimal fraction) |
| <input type="checkbox"/> Monthly mass of each carbonate-based raw material charged to the furnace (tons) | <input type="checkbox"/> Monthly and annual quantity of glass produced for each furnace (tons/yr) |

If using a CEMS:

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

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|---|--|
| <input type="checkbox"/> Annual quantity of each carbonate-based raw material charged to each continuous glass melting furnace and for all furnaces combined (tons) | <input type="checkbox"/> Annual glass production at each continuous glass melting furnace (tons) |
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See also the information sheet for Glass Production (EPA-430-F-09-024R) at: www.epa.gov/climatechange/emissions/downloads/infosheets/glassproduction.pdf.

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