

# Glass Production

## Subpart N, Greenhouse Gas Reporting Program

Measure these parameters for each continuous glass melting furnace:



### What Must Be Monitored?

#### If NOT using a continuous emission monitoring system (CEMS):

- Annual average mass fraction of each carbonate ( $\text{CO}_3^{2-}$ )-based mineral in  $\text{CO}_3^{2-}$ -based raw material (measured or default of 1.0).
- Monthly and annual mass of each  $\text{CO}_3^{2-}$ -based raw material charged to each furnace (tons).
- Annual calcination fraction achieved for each  $\text{CO}_3^{2-}$  using x-ray fluorescence or other industry consensus method (measured or default of 1.0).
- Annual quantity of glass produced for each furnace (tons).

#### If using a CEMS, in addition to the monitoring requirements under 40 CFR Subpart C for the Tier 4 Calculation Methodology:

- Annual quantity of each  $\text{CO}_3^{2-}$ -based raw material charged to each continuous glass melting furnace and for all furnaces combined (tons).
- Annual glass production for each continuous glass melting furnace (tons).



### For More Information

For additional information and resources on Subpart N, please visit the [Subpart N webpage](#).

*This monitoring checklist is provided solely for informational purposes. It does not replace the need to read and comply with the regulatory text contained in the rule. Rather, it is intended to help reporting facilities and suppliers understand key provisions of the GHGRP. It does not provide legal advice; have a legally binding effect; or expressly or implicitly create, expand, or limit any legal rights, obligations, responsibilities, expectations, or benefits with regard to any person or entity.*