§ 98.140  Definition of the source category.

(a) A glass manufacturing facility manufactures flat glass, container glass, pressed and blown glass, or wool fiberglass by melting a mixture of raw materials to produce molten glass and form the molten glass into sheets, containers, fibers, or other shapes. A glass manufacturing facility uses one or more continuous glass melting furnaces to produce glass.

(b) A glass melting furnace that is an experimental furnace or a research and development process unit is not subject to this subpart.

§ 98.141  Reporting threshold.

You must report GHG emissions under this subpart if your facility contains a glass production process and the facility meets the requirements of either §98.2(a)(1) or (2).

§ 98.142  GHGs to report.

You must report:

(a) \( \text{CO}_2 \) process emissions from each continuous glass melting furnace.

(b) \( \text{CO}_2 \) combustion emissions from each continuous glass melting furnace.

(c) \( \text{CH}_4 \) and \( \text{N}_2\text{O} \) combustion emissions from each continuous glass melting furnace. You must calculate and report these emissions under subpart C of this part (General Stationary Fuel Combustion Sources) by following the requirements of subpart C.

(d) \( \text{CO}_2 \), \( \text{CH}_4 \), and \( \text{N}_2\text{O} \) emissions from each stationary fuel combustion unit other than continuous glass melting furnaces. You must report these emissions under subpart C of this part (General Stationary Fuel Combustion Sources) by following the requirements of subpart C.

§ 98.143  Calculating GHG emissions.

You must calculate and report the annual process \( \text{CO}_2 \) emissions from each continuous glass melting furnace using the procedure in paragraphs (a) and (b) of this section.

(a) For each continuous glass melting furnace that meets the conditions specified in §98.33(b)(4)(ii) or (iii), you must calculate and report under this subpart the combined process and combustion \( \text{CO}_2 \) emissions by operating and maintaining a CEMS to measure \( \text{CO}_2 \) emissions according to the Tier 4 Calculation Methodology specified in §98.33(a)(4) and all associated requirements for Tier 4 in subpart C of this part (General Stationary Fuel Combustion Sources).