

data value for the missing parameter shall be used in the calculations as specified in the paragraphs (a) through (c) of this section. You must document and keep records of the procedures used for all such estimates.

(a) For each missing value of the monthly carbon content of calcined petroleum coke the substitute data value shall be the arithmetic average of the quality-assured values of carbon contents for the month immediately preceding and the month immediately following the missing data incident. If no quality-assured data on carbon contents are available prior to the missing data incident, the substitute data value shall be the first quality-assured value for carbon contents obtained after the missing data period.

(b) For each missing value of the monthly calcined petroleum coke consumption and/or carbon-containing waste, the substitute data value shall be the best available estimate of the monthly petroleum coke consumption based on all available process data or information used for accounting purposes (such as purchase records).

(c) For each missing value of the carbon content of carbon-containing waste, you must conduct a new analysis following the procedures in §98.314(f).

§98.316 Data reporting requirements.

In addition to the information required by §98.3(c), each annual report must contain the information specified in paragraphs (a) or (b) of this section, as applicable for each titanium dioxide production line.

(a) If a CEMS is used to measure CO₂ emissions, then you must report the relevant information required under §98.36(e)(2)(vi) for the Tier 4 Calculation Methodology and the following information in this paragraph (a).

- (1) Identification number of each process line.
- (2) Annual consumption of calcined petroleum coke (tons).
- (3) Annual production of titanium dioxide (tons).
- (4) Annual production capacity of titanium dioxide (tons).
- (5) Annual production of carbon-containing waste (tons), if applicable.

(b) If a CEMS is not used to measure CO₂ emissions, then you must report the information listed in this paragraph (b):

- (1) Identification number of each process line.
- (2) Annual CO₂ emissions from each chloride process line (metric tons/year).
- (3) Annual consumption of calcined petroleum coke for each process line (tons).
- (4) Annual production of titanium dioxide for each process line (tons).
- (5) Annual production capacity of titanium dioxide for each process line (tons).
- (6) Calcined petroleum coke consumption for each process line for each month (tons).
- (7) Annual production of carbon-containing waste for each process line (tons), if applicable.
- (8) Monthly production of titanium dioxide for each process line (tons).
- (9) Monthly carbon content factor of petroleum coke (percent by weight expressed as a decimal fraction).
- (10) Whether monthly carbon content of the petroleum coke is based on reports from the supplier or through self measurement using applicable ASTM standard methods.
- (11) Carbon content for carbon-containing waste for each process line (percent by weight expressed as a decimal fraction).
- (12) If carbon content of petroleum coke is based on self measurement, the ASTM standard methods used.
- (13) Sampling analysis results of carbon content of petroleum coke as determined for QA/QC of supplier data under §98.314(d) (percent by weight expressed as a decimal fraction).
- (14) Number of separate chloride process lines located at the facility.
- (15) The number of times in the reporting year that missing data procedures were followed to measure the carbon contents of petroleum coke (number of months); petroleum coke consumption (number of months); carbon-containing waste generated (number of months); and carbon contents of the carbon-containing waste (number of times during year).

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