

§ 98.318

40 CFR Ch. I (7–1–11 Edition)

§ 98.318 Definitions.

All terms used in this subpart have the same meaning given in the Clean Air Act and subpart A of this part.

Subpart FF—Underground Coal Mines

SOURCE: 75 FR 39763, July 12, 2010, unless otherwise noted.

§ 98.320 Definition of the source category.

(a) This source category consists of active underground coal mines, and any underground mines under development that have operational pre-mining degasification systems. An underground coal mine is a mine at which coal is produced by tunneling into the earth to the coalbed, which is then mined with underground mining equipment such as cutting machines and continuous, longwall, and shortwall mining machines, and transported to the surface. Underground coal mines are categorized as active if any one of the following five conditions apply:

- (1) Mine development is underway.
- (2) Coal has been produced within the last 90 days.
- (3) Mine personnel are present in the mine workings.
- (4) Mine ventilation fans are operative.
- (5) The mine is designated as an "intermittent" mine by the Mine Safety and Health Administration (MSHA).

(b) This source category includes the following:

- (1) Each ventilation well or shaft, including both those wells and shafts where gas is emitted and those where gas is sold, used onsite, or otherwise destroyed (including by flaring).
- (2) Each degasification system well or shaft, including degasification systems deployed before, during, or after mining operations are conducted in a mine area. This includes both those wells and shafts where gas is emitted, and those where gas is sold, used onsite, or otherwise destroyed (including by flaring).
- (c) This source category does not include abandoned or closed mines, surface coal mines, or post-coal mining

activities (*e.g.*, storage or transportation of coal).

§ 98.321 Reporting threshold.

You must report GHG emissions under this subpart if your facility contains an active underground coal mine and the facility meets the requirements of § 98.2(a)(1).

§ 98.322 GHGs to report.

(a) You must report CH₄ liberated from ventilation and degasification systems.

(b) You must report CH₄ destruction from systems where gas is sold, used onsite, or otherwise destroyed (including by flaring).

(c) You must report net CH₄ emissions from ventilation and degasification systems.

(d) You must report under this subpart the CO₂ emissions from coal mine gas CH₄ destruction occurring at the facility, where the gas is not a fuel input for energy generation or use (*e.g.*, flaring).

(e) You must report under subpart C of this part (General Stationary Fuel Combustion Sources) the CO₂, CH₄, and N₂O emissions from each stationary fuel combustion unit by following the requirements of subpart C. Report emissions from both the combustion of collected coal mine CH₄ and any other fuels.

(f) An underground coal mine that is subject to this part because emissions from source categories described in subparts C through PP of this part is not required to report emissions under subpart FF of this part unless the coal mine is subject to quarterly or more frequent sampling of ventilation systems by MSHA.

§ 98.323 Calculating GHG emissions.

(a) For each ventilation shaft, vent hole, or centralized point into which CH₄ from multiple shafts and/or vent holes are collected, you must calculate the quarterly CH₄ liberated from the ventilation system using Equation FF-1 of this section. You must measure CH₄ content, flow rate, temperature, pressure, and moisture content of the gas using the procedures outlined in § 98.324.