(3) The equivalent \( P_2O_5 \) feed rate \((P)\) shall be computed for each run using the following equation:

\[
P = M_p R_p
\]

where:

\( M_p \) = total mass flow rate of phosphorus-bearing feed, Mg/hr (ton/hr).
\( R_p \) = \( P_2O_5 \) content, decimal fraction.

(i) The accountability system of §60.203(a) shall be used to determine the mass flow rate \((M_p)\) of the phosphorus-bearing feed.

(ii) The Association of Official Analytical Chemists (AOAC) Method 9 (incorporated by reference—see §60.17) shall be used to determine the \( P_2O_5 \) content \((R_p)\) of the feed.


§60.211 Definitions.

As used in this subpart, all terms not defined herein shall have the meaning given them in the Act and in subpart A of this part.

(a) **Superphosphoric acid plant** means any facility which concentrates wet-process phosphoric acid to 66 percent or greater \( P_2O_5 \) content by weight for eventual consumption as a fertilizer.

(b) **Total fluorides** means elemental fluorine and all fluoride compounds as measured by reference methods specified in §60.214, or equivalent or alternative methods.

(c) **Equivalent \( P_2O_5 \) feed** means the quantity of phosphorus, expressed as phosphorus pentoxide, fed to the process.

[40 FR 33155, Aug. 6, 1975, as amended at 65 FR 61757, Oct. 17, 2000]

§60.212 Standard for fluorides.

(a) On and after the date on which the performance test required to be conducted by §60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility any gases which contain total fluorides in excess of 5.0 g/megagram (Mg) of equivalent \( P_2O_5 \) feed (0.010 lb/ton).

[40 FR 33155, Aug. 6, 1975, as amended at 65 FR 61757, Oct. 17, 2000]

§60.213 Monitoring of operations.

(a) The owner or operator of any superphosphoric acid plant subject to the provisions of this subpart shall install, calibrate, maintain, and operate a flow monitoring device which can be used to determine the mass flow of phosphorus-bearing feed material to the process. The flow monitoring device shall have an accuracy of ±5 percent over its operating range.

(b) Any facility under paragraph (a) of this section that commences construction or modification after October 22, 1974, is subject to the requirements of this subpart.