

Subpart W-Standards of Performance for the Phosphate Fertilizer Industry: Triple Superphosphate Plants

Applicability and designation of affected facility - §60.230

Source	All Emissions
General	<ol style="list-style-type: none"> 1.) A triple superphosphate plant having a design capacity of more than 15 tons of equivalent P₂O₅ feed per calendar day. The facility includes any combination of: mixers, curing belts (dens), reactors, granulators, dryers, cookers, screens, mills, and facilities which store run-of-pile triple superphosphate. 2.) Facility commences construction or modification after October 22, 1974.

Standard for fluorides - §60.232

Source	All Emissions
General	No facility shall emit gases which contain total fluorides in excess of 100 g/metric ton of equivalent P ₂ O ₅ feed (0.20 lb/ton).

Monitoring of operations - §60.233

Source	All Emissions
General	<ol style="list-style-type: none"> 1.) Facility 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. 2.) Facility shall maintain a daily record of equivalent P₂O₅ feed by first determining the total mass rate in metric ton/hr of phosphorus-bearing feed using a flow monitoring device meeting the above requirements and then by proceeding according to §60.234(b)(3). 3.) Facility shall install, calibrate, maintain, and operate a monitoring device which continuously measures and permanently records the total pressure drop across the process scrubbing system. The monitoring device shall have an accuracy of ± 5 percent over its operating range.

Test methods and procedures - §60.234

Source	All Emissions
General	<ol style="list-style-type: none">1.) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in §60.8(b).2.) The owner or operator shall determine compliance with the total fluorides standards in §60.232 as stated in §60.234 (b).