

## **EMISSION CALCULATIONS FOR TEMPORARY AND PERMANENT POLYPHOSPHATE BLENDERS**

These calculations are based on typical equipment used for temporary and permanent polyphosphate blenders. Emission calculations submitted to the TCEQ should include any assumptions and references for all emission calculations performed, including any assumptions regarding control efficiencies used to reduce the emissions.

NH<sub>3</sub>:

r = throughput, tons/hr

x<sub>NH<sub>3</sub></sub> = emission rate, lb/hr

$$r (0.76 \text{ lb/ton}) = x_{\text{NH}_3}$$

F:

r = throughput, tons/hr

x<sub>F</sub> = emission rate, lb/hr

$$r (0.001 \text{ lb/ton}) = x_F$$

PM<sub>10</sub>:

r = throughput, tons/hr

x<sub>pm10</sub> = emission rate, lb/hr

$$r (0.15 \text{ lb/ton}) = x_{\text{pm10}}$$