

# Phosphoric Acid Production

## Subpart Z, Greenhouse Gas Reporting Program

Measure these parameters for each wet-process phosphoric acid ( $H_3PO_4$ ) production line:



### What Must Be Monitored?

#### If NOT using a continuous emission monitoring system (CEMS):

- Annual  $H_3PO_4$  production by origin of phosphate ( $PO_4^{3-}$ ) rock (tons).
- Mass of  $PO_4^{3-}$  rock consumed each month by origin (tons), measured using existing plant procedures used for accounting purposes or existing monitoring equipment.
- Monthly inorganic carbon (C) content or carbon dioxide ( $CO_2$ ) content of  $PO_4^{3-}$  rock (% by weight). If  $PO_4^{3-}$  rock is from more than one origin, obtain a sample from each origin or collect and analyze a representative composite sample.

#### If using a CEMS, in addition to the monitoring requirements under 40 CFR Subpart C for the Tier 4 Calculation Methodology:

- Mass of  $PO_4^{3-}$  rock consumed each month by origin (tons), measured using existing plant procedures used for accounting purposes or existing monitoring equipment.



### For More Information

For additional information and resources on Subpart Z, please visit the [Subpart Z webpage](#).

*This monitoring checklist is provided solely for informational purposes. It does not replace the need to read and comply with the regulatory text contained in the rule. Rather, it is intended to help reporting facilities and suppliers understand key provisions of the GHGRP. It does not provide legal advice; have a legally binding effect; or expressly or implicitly create, expand, or limit any legal rights, obligations, responsibilities, expectations, or benefits with regard to any person or entity.*