



**Kansas Department of Health and Environment
Division of Environment
Bureau of Air and Radiation**

PHOSPHORIC ACID PLANT

- 1) Source ID Number: _____
- 2) Company/Source Name: _____
- 3) Date of Manufacture: _____ Date of Last Modification: _____
 Rated Production Capacity: _____ ton/hr Proposed production: _____ ton/hr
- 4) Normal Operating Schedule: _____ hrs/yr
- 5) Raw Materials / Feedstocks with appropriate units

| TYPE | AMOUNT | PHYSICAL STATE |
|------|--------|----------------|
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- 6) Type of process: Thermal _____ Wet _____
- 7) For wet process, mark following applicable equipment at your facility:
 reactor _____ gypsum settling and cooling ponds _____ condenser _____
- 8) Emissions discharged to the atmosphere _____ ft above grade through a stack or duct _____ ft in diameter
 at _____ °F temperature at _____ ft³/min and _____ ft/sec velocity.
- 9) For emission control equipment use the appropriate CONTROL EQUIPMENT form and duplicate as needed.
 Be sure to indicate the emission unit that the control equipment is affecting.

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(cont.)

10) If the facility is or employs some type of phosphoric acid plant, mark the equipment that applies to your facility:

| | | | | | | | |
|---------------|-------|-------------|-------|--------------|-------|------------|-------|
| reactors | _____ | filters | _____ | evaporators | _____ | acid sumps | _____ |
| cooling tanks | _____ | granulators | _____ | dryers | _____ | screens | _____ |
| mills | _____ | mixers | _____ | curing belts | _____ | cookers | _____ |
| hot wells | _____ | | | | | | |

11) If the facility is or employs a phosphoric acid plant (including a phosphate fertilizer industry), list the type of plant (if the facility includes more than one plant duplicate this form for each plant):

Wet-process phosphoric acid plant _____
Superphosphoric acid plant _____
Diammonium phosphate plant _____
Triple superphosphate plant _____
Other, please describe _____

12) Did construction, modification, or reconstruction commence after October 22, 1974? Yes _____; No _____

Does the plant have a design capacity of more than 15 tons of equivalent P_2O_5 feed per calendar day?

Yes _____; No _____

If yes, this plant may be subject to NSPS, 40 CFR Part 60, Subparts T, U, V, and W.