



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

PHOSPHOROUS PENTASULFIDE UNIT

- 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

- 6) List the heat media used to liquefy sulfur: _____
- 7) List the following scrubber systems incineration parameters:
 - Primary fuel & capacity (Btu/hr) _____
 - Average amount burned/hr _____
 - Maximum amount burned/hr _____
 - Alternate fuel _____
 - Average amount burned/hr _____
- 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.

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(cont.)

- 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.