



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

**ANHYDROUS AMMONIA MANUFACTURE**

- 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) Type of feedstock desulfurization:    zinc oxide \_\_\_\_    activated carbon \_\_\_\_  
 If activated carbon, list the frequency and period of regeneration \_\_\_\_\_
- 7) Primary reformer fuel and amount fired:
 

natural gas	_____ cfm
hydrocarbon liquids	_____ gph
distillate oil	_____ gph
coal	_____ ton/hr
purge gas	_____ cfm
- 8) CO<sub>2</sub> regeneration type:    monoethanolamine \_\_\_\_    hot potassium carbonate \_\_\_\_    none \_\_\_\_
- 9) Describe utilization or disposal of recovered CO<sub>2</sub>: \_\_\_\_\_

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(cont.)

10) Is a process condensate stream stripper employed?      yes \_\_\_\_\_      no \_\_\_\_\_

11) Product storage type: \_\_\_\_\_      capacity \_\_\_\_\_

12) Purge gas analysis: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

13) Emissions discharged to the atmosphere \_\_\_\_\_ ft above grade through a stack or duct \_\_\_\_\_ ft in diameter  
at \_\_\_\_\_ °F temperature at \_\_\_\_\_ ft<sup>3</sup>/min and \_\_\_\_\_ ft/sec velocity.

14) 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.