

SPECIAL CONDITIONS

Permit Number 56226

EMISSION LIMITATIONS

1. This permit covers only those sources of emissions listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," and those sources are limited to the emission rates and other conditions specified in the table.

OPERATIONAL AND WORK PRACTICE REPRESENTATIONS

2. Hourly emission rates for the cotton gin and trash handling are based on and the facilities are limited to an hourly throughput of 50 bales. Annual emission rates are based on 60,000 bales of stripper cotton as well as the following required controls: **(6/08)**

| <u>Equipment/Fan Exhausts</u> | <u>Controls</u> |
|--|---|
| Battery condenser | Small mesh screens |
| Lint cleaner exhausts chamber followed | High efficiency cyclones or plenum |
| 1st and 2nd dry cleaner, and cyclones overflow | by high efficiency cyclones Plenum chamber followed by high efficiency |
| All other fan exhausts | High efficiency cyclones |

3. Variations of the annual throughputs of stripper, burr extracted, and picker cotton may exceed 60,000 bales per year provided that the total emissions of particulate matter from the cotton gin do not exceed 38.38 tons per year. The following equation shall be used to determine compliance with allowable emission rates listed on the maximum allowable emission rates table: **(6/08)**

$$\begin{array}{lcl} \text{Stripper cotton} = & \text{bales/year} \times 0.000638 = & \\ \text{Burr Extracted} = & \text{bales/year} \times 0.000420 = & \\ \text{Picker cotton} = & \text{bales/year} \times 0.000202 = & \\ \text{Total} = \underline{\hspace{2cm}} & \text{bales/year} & \text{Total} = \underline{\hspace{2cm}} \text{ tons/year} \end{array}$$

4. As represented in the permit application, the following shall occur:
 - A. Gin plant roads, parking areas, and other traffic areas shall be sprinkled with water, and/or be treated with effective dust suppressant(s), and/or be paved

with a cohesive hard surface and cleaned as necessary to maintain compliance with all Texas Commission on Environmental Quality (TCEQ) rules and regulations.

- B. Emissions of lint and cotton trash shall be minimized by proper maintenance of all buildings and gin equipment. Any accumulations of lint, cotton trash, and/or cotton burrs on the gin property shall be cleaned up and removed from the gin property on a daily basis. **(11/05)**

RECORDKEEPING REQUIREMENTS

- 5. Records of annual throughputs for each type of cotton processed shall be maintained at this facility and made available at the request of personnel from the TCEQ or any other air pollution control program having jurisdiction to demonstrate compliance with Special Condition No. 3. These records shall be retained for a rolling 24-month period. **(12/07)**

Dated June 30, 2006