

San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

ISSUANCE DATE: DRAFT
DRAFT

PERMIT NO: C-406-2-5

LEGAL OWNER OR OPERATOR: DARLING INTERNATIONAL INC.

MAILING ADDRESS: PO BOX 11445
FRESNO, CA 93773

LOCATION: 795 W BELGRAVIA
FRESNO, CA 93706

EQUIPMENT DESCRIPTION:

MODIFICATION OF ANIMAL RENDERING OPERATION EQUIPPED WITH AN ATLAS-STORD TST-2264 COOKER, TALLOW WORK TANK, ROTO-SHEAR FAT DRAINER, PRESSES, SCREWS, CENTRIFUGE, AND CONDENSER SERVED BY A 12,000 CFM VENTURI SCRUBBER AND AN 18 MMBTU/HR NATURAL GAS-FIRED THERMAL OXIDIZER WITH AN ASSOCIATED 350 HP HEAT RECOVERY STEAM BOILER: INSTALL ONE ADDITIONAL VAPOR CONDENSOR PRIOR TO THE EXISTING VENTURI SCRUBBER

CONDITIONS

1. Authority to Construct (ATC) C-406-2-4 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201]
2. Total facility raw material process rate shall not exceed 1,510,560 pounds per day. [District Rules 2201 and 4102]
3. The plant shall not be operated unless the odor control system is fully operating. All potential points of odor shall be contained and/or treated to prevent escape into the atmosphere. Odorous vapors shall only be vented to the odor control system. [District Rule 4102]
4. Air pollution control equipment shall be maintained in good operating condition and shall be operated in accordance with the manufacturer's instructions when the process equipment is in operation. [District NSR Rule]
5. All air pollution equipment and associated ducting shall be maintained in a leak-free manner to prevent the escape of air contaminants to the outside atmosphere prior to their treatment in the odor control system. [District Rule 4102]
6. Equipment shall be operated in such a manner as to not constitute a nuisance or annoyance to a considerable number of people. [District Rule 4102]
7. The District shall be immediately notified of any breakdown or malfunction as defined in District Rule 1100 that reduces or disrupts the normal processing of odors allowed by this permit. [District Rules 1100 and 4102]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services

C-406-2-5 : Aug 30 2007 1:12PM -- THAOC : Joint Inspection NOT Required

8. Permittee shall maintain an updated odor control plan detailing all methods of nuisance odor control as it applies to the facility. The odor control plan shall be made available to all employees and shall be used as a training aid for new employees. The odor control plan shall be made available for District inspection upon request. [District Rule 4102]
9. The District shall have access to the facility at any time to inspect operations, review records, or perform other actions to assure compliance. [District Rule 1070]
10. All noncondensable odors from the condenser and odors from the cooker shall be vented to the afterburner. [District Rule 4102]
11. Permittee shall inspect the air/fuel mixing cone in the thermal oxidizer at least once quarterly to ensure that the integrity of the cone is not compromised, and to ensure that the thermal oxidizer is operating at optimum. Records of quarterly inspection shall be maintained. [District Rule 4102]
12. The afterburner shall be operated whenever the cooker is processing material. During periods of afterburner breakdown as determined by the District under Rule 1100, all noncondensable odors from the condenser and odors from the cooker shall be vented to the 75,000 cfm scrubber listed under permit C-406-1. [District Rules 1100 and 4102]
13. {14} Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
14. {15} No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
15. The odor concentrations, in odor units per cubic foot (OU/CF), shall not exceed the following levels at each exhaust point: a) 75,000-cfm scrubber - 35 OU/CF, b) 100,000-cfm scrubber - 35 OU/CF, and c) afterburner - 25 OU/CF. [District Rule 4102]
16. Natural gas consumption shall not exceed 2,470,000 cubic feet per week. [District NSR Rule]
17. Emissions from the thermal oxidizer shall not exceed 0.04 lb-PM10/hr, 0.01 lb-SO2/hr, 2.52 lb-NO2/hr, 0.05 lb-HC/hr, nor 0.63 lb-CO/hr. [District NSR Rule]
18. Thermocouple at rear of oxidizer shall provide accurate temperature readings of the flue gas. An audible alarm shall be installed to alert plant personnel to low temperature readings. [District NSR Rule]
19. All non-condensibles and vapors shall be incinerated in the thermal oxidizer at a minimum temperature of 1200 F and a minimum retention time of 0.5 seconds. Temperature shall be monitored by a continuously recording temperature device. [District Rule 4102]
20. Permittee shall maintain record of weekly fuel consumption. Records shall be retained for at least five years and shall be made readily available for District inspection upon request. [District Rule 1070]

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