



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

B008012

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JANUARY 2006

OWNER OF OPERATOR (Co.#270)

AGC Flat Glass North America, Inc. (AGC)
11175 Cicero Dr, Ste 400
Alpharetta, GA 30022

EQUIPMENT LOCATION (Fac.#935)

AGC Flat Glass North America, Inc. (AGC)
17300 Silica Dr
Victorville, CA 92395

Description:

IC ENGINE GENERATOR, MIXED FUEL consisting of:

One Caterpillar, NG fired internal combustion engine Model No. 3516 and Serial No. 25Z03916, Direct Injected, Turbo Charged, After Cooled, producing 2304 bhp with 16 cylinders at 1800 rpm while consuming a maximum of 113.0 gal/hr. This equipment powers a Caterpillar Generator Model No. 824 and Serial No. , rated at 1600 kW(e).

CONDITIONS:

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants.
3. This equipment shall be fired with a fuel mixture, with a minimum heat input contribution from natural gas of 70 percent. The remainder of the fuel mixture may be diesel fuel whose sulfur concentration is less than or equal to 0.05 percent on a weight per weight basis. This condition may be complied with through fuel consumption and fuel supplier sulfur certification records.
4. This equipment shall not be operated without being exhausted into the selective catalytic reduction system with valid District permit C008034 fully functional.

Fee Schedule: 1 (d)

Rating: 2304 bhp

SIC: 3211

SCC: 20200202

Location/UTM(Km):
474E/3815N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

AGC Flat Glass North America, Inc.
(AGC)
11175 Cicero Dr, Ste 400/Chris Correnti
Alpharetta, GA 30022

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

5. Emissions from this equipment to the atmosphere shall not exceed the following emission limits:
 - a. Hourly rates, computed every 15 minutes, verified by annual compliance tests and ammonia injection data:
 - i. NOx as NO₂ - 3.128 lb/hr (averaged over one hour)
 - ii. Ammonia Slip - 10 ppmvd (corrected to 15% oxygen and averaged over three hours)
 - b. Hourly rates, verified by annual compliance tests:
 - i. VOC as CH₄ - 0.88 lb/hr
 - ii. PM₁₀ - 1.11 lb/hr
 - iii. CO - 12.29 lb/hr
 - c. Daily rates, verified by fuel use and annual compliance tests:
 - i. NOx - 25 lb/calendar day
 - d. Annual rates, based on a rolling 12 month summary, verified by fuel use and annual compliance tests:
 - i. NOx - 5 tons/year
 - ii. VOC - 2 tons/year
 - iii. PM₁₀ - 2 tons/year
 - iv. CO - 18 tons/year

6. Fuel consumption shall be monitored using a continuous monitoring system. The operator shall install, calibrate, maintain and operate this monitoring system according to a District-approved monitoring plan, and it shall be installed prior to initial equipment startup.

7. The o/o shall perform the following compliance tests each year beginning in 2001 in accordance with the MDAQMD Compliance Test Procedural Manual. The test report shall be submitted to the District no later than six weeks prior to the expiration date of this permit. The following compliance tests are required:
 - a. NOx as NO₂ in lb/hr (measured per USEPA Reference Methods 19 and 20)
 - b. VOC as CH₄ in lb/hr (measured per USEPA Reference Methods 25A and 18)
 - c. CO in lb/hr (measured per USEPA Reference Method 10)
 - d. PM₁₀ in lb/hr (measured per USEPA Reference Methods 5 and 202 or CARB Method 5)
 - e. Ammonia slip in ppmvd at 15% oxygen.

8. The o/o shall maintain a log for this equipment which, at a minimum, contains the information specified below. This log shall be maintained current and on-site for a minimum of five (5) years and shall be provided to District personnel on request:
 - a. Daily fuel consumption.
 - b. Diesel fuel sulfur concentration certifications.

9. The emissions from this equipment, in addition to the emissions from the equipment covered by District Permit E001729, shall be included in the mass emission limits specified on District Permit B001726. The NOx emissions limits specified in B001726 shall not be exceeded by the equipment covered in all three permits; for other pollutants, the limits shall not be exceeded by this equipment and the B001726 equipment.