



PLACER COUNTY APCD
 11464 B Avenue - Auburn, California 95603
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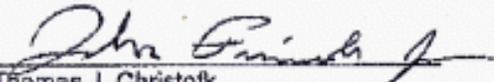
PERMIT TO OPERATE

ISSUED TO:
 NORDIC INDUSTRIES - TWELVE BRIDGES
 1437 FURNEAUX ROAD
 MARYSVILLE, CA 95901

PERMIT NUMBER:
 NITW-04-02

FACILITY LOCATION:
 PLACER HOLDINGS, INC.
 3055 TWELVE BRIDGES DR
 LINCOLN, CA 95648

VALID FROM:
 10/01/2004 to 09/30/2005


 Thomas J. Christofk
 Air Pollution Control Officer

11/05/2004
 Issue Date

PROCESS DESCRIPTION: DIESEL GENERATOR

EQUIPMENT

No.	Equipment	Rating
1	Diesel Generator, Engine Mfr: Caterpillar, Model: 3412 STA, Serial Number: 2WJ02580. Power Rating: 1072 hp, Fuel Type: Diesel, Turbocharger, Aftercooler, Viscon Fuel Additive, Approximate Heat Input: 6.5 MMBtu/hr, Generator Mfr: Caterpillar, Power Rating: 725 kW.	MBTU - 6,500.

TOTAL RATINGS - MBTU - 6,500.

OPERATING CONDITIONS

1. Viscon fuel additive shall be mixed with the diesel fuel according to the manufacturers instructions. The engine shall not be operated without the Viscon additive.
2. A non-resettable hour meter shall be installed on the engine/generator set to record the hours of operation.
3. The operator shall submit to the District within 60 days of the date of this Authority to Construct an Engine Operator Inspection Plan as required by District Rule 242, Stationary Internal Combustion Engines. Contents of the plan are described in the Rule.

PERFORMANCE TESTING

4. A performance test of the diesel engine exhaust shall be conducted no later than 60 days after initial startup to demonstrate compliance with the emission limitations specified in Conditions No. 10 and 11. The test shall include measurement of NOx, CO, O2, PM-10, exhaust flowrate

(DSCFM), engine load (bhp), and generator load (kW). Derived values of NOx corrected ppmv, CO corrected ppmv, NOx lb/hr, NOx emission factor (g/bhp-hr), and PM-10 (front half only) shall be presented in the test report. Test methods shall conform to District Rule 242, Stationary Internal Combustion Engines.

5. This engine shall be source tested for NOx and CO at least once every 24 months for the duration of this permit.
6. The District reserves the ability to restrict operating hours or quarterly production rate if source testing indicates that actual engine emissions exceed those listed in Condition 11.

RECORDKEEPING AND REPORTING

7. A log book or other record documenting the days on which the diesel generator was operated and the hours per day operated shall be maintained. This log or record shall be made available to the District's Inspector upon request.

EMISSIONS LIMITATIONS

8. No emissions are permitted, from any source, which are a nuisance per District Rule 205, Nuisance.
9. Emission opacity as dark or darker than Ringelmann No. 1 (20% opacity) for a period or periods aggregating more than (3) minutes in any one hour is prohibited and is in violation of District Rule 202, Visible Emissions.
10. Engine NOx emissions shall not exceed 600 ppmv and CO emissions shall not exceed 2,000 ppmv corrected to 15% oxygen on a dry basis per District Rule 242, Stationary Internal Combustion Engines.
11. Emissions from the diesel engine shall not exceed:

DIESEL ENGINE EMISSION LIMITATIONS

POLLUTANT	POUNDS/HOUR	POUNDS/QUARTER
VOC	0.23	91
NOx	8.4	3,430
SOx	0.13	51
PM-10	0.12	45
CO	1.0	408

12. The emissions from the portable rock crushing plant site, including fugitive emissions associated with the portable plant, particulate emissions from the Powerscreen, and all emissions from the two diesel generators, shall not exceed:

PLANT SITE EMISSION LIMITATIONS

POLLUTANT	POUNDS/QUARTER
PM-10	7,493
NOx	5,079
VOC	130
CO	454
SOx	80

GENERAL CONDITIONS

SEE AC-04-23A FOR GENERAL CONDITIONS