



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

B002122

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: DECEMBER 2016**

**OWNER OF OPERATOR (Co.#500)**

ACE Cogeneration Company  
12801 S Mariposa Street  
Trona, CA 93562

**EQUIPMENT LOCATION (Fac.#1051)**

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**Description:**

COOLING TOWER consisting of: a Hamon Model No. CF 4248 four cell wooden cooling tower with 12,000 square feet of cooling area and appurtenant water system. Insp #: 2898

**EQUIPMENT**

Capacity	Equipment Description
800	Four Draft Fans (200 hp each)
2100	Three Circulating Water Pumps - 33,000 gpm each (700 hp each)
200	Two Cooling Water Pumps - 2300 gpm (100 hp each)
5	Pump, Auxiliary cooling water 300 gpm (5 hp)

**CONDITIONS:**

1. All equipment shall be maintained and operated in strict accord with recommendations of the manufacturer/supplier and/or sound engineering principles.  
[Rule 1302(C)(2)(a), Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(239)(i)(A)(1) 61 FR 58133; Current Rule Version = 08/26/06]

2. The owner/operator shall not operate this cooling tower unless the concentration of hexavalent chromium in the circulating water does not exceed 0.15 milligram per liter (mg/L). The water shall be tested every six months in accordance with American Public Health

Fee Schedule: 1 (d)

Rating: 3105 bhp

SIC: 4911

SCC: 99999999

Location/UTM(Km):  
465E/3958N

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.

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

Method 312B. Records of this testing shall be retained for five years and made available, to District, State or Federal personal upon request. Records shall contain at a minimum the date, results of the hexavalent chromium analysis, and the name of the company who performed the test. The owner/operator shall maintain records of all cooling towers in one location, with current originals or copies at this facility site. [Rule 204]

3. The drift rate shall not exceed 0.0015 percent with a maximum circulation rate of 64,000 GPM. The maximum PM and PM10 emission rates shall not exceed 15 and 13 lb/hr respectively.

[MDAQMD Rule 1303(A) BACT; SIP Version 3/25/1996; 40 CFR 52.220(c)(239)(i)(A)(1); Current Rule Version = 09/24/01]

4. Weekly tests of the blowdown water quality shall be performed by o/o in accordance with the standard test procedures. These weekly recordings, including mass emission rate, are to be placed into a log and be maintained on sites for a minimum of five (5) years and be provided to District, state or federal personnel on request.

[MDAQMD Rule 1303(A) BACT; SIP Version 3/25/1996; 40 CFR 52.220(c)(239)(i)(A)(1); Current Rule Version = 09/24/01]

5. This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

[MDAQMD Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

6. A maintenance procedure shall be established that states how often and what procedures will be used to ensure the integrity of the drift eliminators. This procedure is to be kept on-site and be available to District, state or federal personnel on request.

[MDAQMD Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]