

ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT

**RULE 475 -- ELECTRIC POWER GENERATING EQUIPMENT**

*(Adopted: 10/08/76; Amended: 02/03/78; Amended by CARB 08/07/78)*

(a) New Equipment

A person shall not discharge into the atmosphere from any equipment having a maximum rating of more than 10 net megawatts used to produce electric power, for which a permit to build, erect, install or expand is required after May 7, 1976, air contaminants that exceed the following:

*[Subsections (a)(1) and (a)(2) were deleted by the California Air Resources Board on August 7, 1978.]*

- (3) Combustion contaminants that exceed both of the following two limits:
- (A) 5 kilograms (11 pounds) per hour.
  - (B) 23 milligrams per cubic meter (0.01 gr/SCF) calculated at three percent oxygen on a dry basis averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer.
- (4) The provisions of subsection (a)(3) of this rule shall not apply to replacement equipment at any location which discharges 50 percent or less of the mass amount of oxides of nitrogen discharged by the equipment which it replaces, provided the emission of combustion contaminants does not exceed 115 milligrams per cubic meter (0.05 gr/SCF).

(b) Existing Gas Turbine Generating Equipment

- (1) A person shall not discharge into the atmosphere from any gas turbine, installed and placed into operation after January 1, 1970, having a maximum rating of more than 5.0 net megawatts used to produce electric power, combustion contaminants that exceed both of the following two limits:
- (A) 5 kilograms (11 pounds) per hour.
  - (B) 23 milligrams per cubic meter (0.01 gr/SCF) calculated at three percent oxygen on a dry basis averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer.

The provisions of subsection (b)(1) of this rule shall not apply to replacement equipment at location which discharges 50 percent or less of the mass amount of oxides of nitrogen discharged by the equipment which it replaces, provided the emission of combustion contaminants does not exceed 115 milligrams per cubic meter (0.05 gr/SCF).

- (c) For the purpose of this rule, equipment used to produce electric power shall be comprised of the minimum number of boilers, furnaces, jet engines or other fuel burning equipment, and any waste heat recovery equipment associated with such fuel burning equipment, the simultaneous operations of which are required for the production of useful electric power.

*[Subsection (d) was deleted by the California Air Resources Board on August 7, 1978.]*

- (e) Nothing in this rule shall be construed as preventing the maintenance or preventing the alteration or modification of existing electric power generating equipment which will not increase the mass rate of air contaminant emissions.

[SIP: Approved 9/8/78, 43 FR 40011, 40 CFR 52.220(c)(39)(ii)(C); Approved 6/14/78, 43 FR 25684, 40 CFR 52.220(c)(37)(i)(A)]