

ATTACHMENT P

**NEW MEXICO AIR QUALITY BUREAU
NSR & TV: TURBINE MONITORING PROTOCOL –
PERMIT TEMPLATE LANGUAGE
Version: May 23, 2016**

Purpose. These guidelines are intended to help permit specialists include adequate monitoring conditions into construction or operating permits in accordance with 20.2.72.210 NMAC or 20.2.70.302 NMAC. These guidelines also help ensure consistency in monitoring conditions for all permits regardless of which permit specialist is assigned the permit.

All turbines are combustion devices subject to 20.2.61 NMAC and opacity monitoring, unless they qualify for the exemption under 20.2.61.109 NMAC (see permit template for opacity language).

[NOTE: Each permit writer shall review and adjust the requirements below according to the specific facility circumstances.]

Turbines

A. Maintenance and Repair Monitoring (Units A-1 and A-2)

Requirement: Compliance with the allowable emission limits in Table 106.A shall be demonstrated by properly maintaining and repairing the units.

Monitoring: Maintenance and repair shall meet the minimum manufacturer's or permittee's recommended maintenance schedule. Activities that involve maintenance, adjustment, replacement, or repair of functional components with the potential to affect the operation of an emission unit shall be documented as they occur for the following events:
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(1) Routine maintenance that takes a unit out of service for more than two hours during any twenty-four hour period.
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(2) Unscheduled repairs that require a unit to be taken out of service for more than two hours in any twenty-four hour period.
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Recordkeeping: The permittee shall maintain records, including dates, and maintenance activities conducted in accordance with Section B109. The permittee shall also maintain a copy of the manufacturer's or permittee's recommended maintenance schedule.
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Reporting: The permittee shall report in accordance with Section B110.

A. Periodic Emissions Tests (Unit(s) X, Y, and Z)

Requirement: Compliance with the allowable emission limits in Table 106.A shall be demonstrated by conducting periodic emission tests during the monitoring period.
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Monitoring: The permittee shall test using a portable analyzer or EPA Reference Methods subject to the requirements and limitations of Section B108, General Monitoring Requirements. Emission testing is required for NO _x and CO, [change reference to pollutants as necessary] and shall be carried out as described below.
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[If the unit has VOC emission limits, include the following.] Test results that demonstrate compliance with the CO emission limits shall also be considered to demonstrate compliance
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