

San Joaquin Valley Unified Air Pollution Control District

Additional Permit Conditions for Dormant Emissions Units

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| Approved by: <u> Signed </u> Date: <u>July 15, 2005</u> David Warner Director of Permit Services |
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Purpose: To establish standardized permit conditions for emission units that are being designated as Dormant Emissions Units (DEUs). This policy covers units that may or may not be able to operate in compliance with applicable rules and will not be operated.

I. Background:

Many Regulation IV rules impose control requirements for affected emissions units that are operated in the District. All units operating after the compliance demonstration dates specified in the applicable rules must have demonstrated compliance with the rule requirements. The District, however, has determined that affected emissions units will not be required to demonstrate compliance with the applicable rule(s) if they are not operated and are designated as dormant by permit condition.

Compliant units that are dormant due to business considerations and are not actually operated may be designated dormant without consideration of rule compliance dates. However, if a rule amendment affecting the existing permit conditions has been adopted during the period of dormancy, the unit is deemed non-compliant and cannot be operated until an Authority to Construct (ATC) permit has been issued addressing the requirements of the newly amended rule.

II. Operator Requirements:

The following requirements must be met by operators wishing to designate a unit as a Dormant Emission Unit (DEU):

1. Operators shall submit an application to add permit conditions to indicate that the unit is a DEU and shall supply the following information and any other information required by the District for this designation.
 - a. Permit Unit Number
 - b. Date the unit was last operated and hour-meter reading, if applicable, or other substantiating data or records.
 - c. Action(s) taken to ensure that the unit will not be operated including, but not limited to, disconnecting the fuel line and emptying the fuel tank, removing water supply lines, or disconnecting power connection(s).
2. Operators shall not operate a non-compliant unit until necessary modifications are completed to comply with the applicable rule(s) are made. Operators shall obtain a valid ATC for all equipment modification(s) needed to comply with all applicable District rules and regulations, prior to undertaking such modification(s).

III. Existing Compliant Dormant Units Subject to Recently Adopted or Amended Rules:

A unit that is capable of operating in compliance with current rules and has already document compliance via a source test, but is dormant for business considerations, is deemed a compliant dormant unit with respect to current rule requirements. If such a unit will not meet the future requirements of recently adopted or amended rules, it may still restart as a compliant unit up until the compliance deadline of the recently adopted/amended rule, as allowed in the "compliant unit" section below. (Note: nothing in this policy is to be interpreted to allow non-compliance with any intervening requirements of the new rule, such as compliance plan submittal deadlines, etc.).

After the compliance deadline for the recently adopted/amended rule has passed, the unit shall be deemed a non-compliant unit and shall not be restarted until a valid ATC is obtained for all equipment modification(s) needed to comply with all applicable District rules and regulations, prior to undertaking such modification(s).

IV. **Permit Modification Process:**

Applications for designation as a DEU shall be considered an administrative modification and shall not be subject to Rule 2201.

The District shall revise the DEU Permit to Operate by issuing an ATC with the following conditions. The change order shall be printed by the processing engineer and the revised permit shall be issued immediately upon project completion.

For units that are in compliance with all District rules at the time DEU ATC is issued, the following conditions should be added to the ATC (and, in general, no conditions should be deleted):

1. *"No modification to this unit shall be performed without an Authority to Construct for such modification(s), except for changes specified in conditions below. [District Rule 2010]"*

Note that since Rule 2201 is not considered when designating a unit as dormant, this condition is reserved for modifications such as the disconnect of fuel lines or some other action to make the device inoperable. Under no circumstances should a change to permit conditions be made that would authorize subsequent changes necessitating an ATC application as required by District Rule 2010 (such as modifications to bring the unit into compliance with a Regulation IV rule).

2.
 - a. *"The fuel supply line shall be physically disconnected from this unit. [District Rule XXXX]", or*
 - b. *"The hour-meter shall not exceed a reading of XXX hours. [District Rule XXXX]", or*
 - c. other APCO approved method to ensure the unit is not operated.

Such actions may include, but are not limited to, fuel supply line disconnect or hour-meter readings as shown in the examples above. The rule reference should be the prohibitory rule responsible for the DEU proposal.

3. Add the term *"Upon recommencing operation,..."* to pre-existing monitoring and operating conditions. This will keep the conditions on the permit, but will allow the permittee to avoid these requirements as long as the unit is not in operation.
4. *"A source test to demonstrate compliance with the indicated emission limits shall be performed within 60 days of recommencing operation of this unit. [District Rule XXXX]"*

5. *"Operators shall notify the District at least seven (7) calendar days prior to recommencing operation of this dormant emissions unit, at which time this permit will be administratively modified to remove DEU references. [District Rule XXXX]"*

If there is a future compliance date of a recently adopted or amended rule with which the unit cannot operate in full compliance, then add:

6. *"Until (insert future rule compliance date),..." to existing emission concentration and daily emission limit conditions. This will keep the conditions on the permit, but will allow the permittee to avoid these requirements as long as the unit is not in operation.*

Ex. *Until June 1, 2005, exhaust emissions shall not exceed any of the following: NOx (as NO₂): 150 ppmv @ 15% O₂, 150 ppmv CO @ 15% O₂; VOC: 5.4 lb/day; or PM₁₀: 0.6 lb/day. [District Rule 2201 & 4701]*

7. *"On and after (insert future rule compliance date) emissions from this unit shall not exceed (insert the required lower NOx emission concentration or rate). [District Rule XXXX (and where applicable, 2201)]"*

Ex. *On and after June 1, 2005, exhaust emissions shall not exceed any of the following: NOx (as NO₂): 65 ppmv @ 15% O₂, 150 ppmv CO @ 15% O₂; VOC: 75 ppmv @ 15% O₂; or PM₁₀: 0.6 lb/day. [District Rule 2201 & 4702]*

8. *"After (insert future rule compliance date), this equipment shall not be operated for any reason until an Authority to Construct permit is issued approving all necessary retrofits required to comply with the applicable requirements of District Rule (insert rule(s) XXXX) and all other applicable District regulations). [District Rule XXXX]"*

For units not in compliance with all District rules at the time DEU ATC is issued, the following conditions should be added to the ATC:

1. *"No modification to this unit shall be performed without an Authority to Construct for such modification(s), except for changes specified in conditions below. [District Rule 2010]"*

2.
 - a. *"The fuel supply line shall be physically disconnected from this unit. [District Rule XXXX]", or*
 - b. *"The hour-meter shall not exceed a reading of XXX hours. [District Rule XXXX]", or*
 - c. other APCO approved method to ensure the unit is not operated.
3. *"This equipment shall not be operated for any reason until an Authority to Construct permit is issued approving all necessary retrofits required to comply with the applicable requirements of District Rule (insert rule(s) XXXX and all other applicable District regulations). [District Rule XXXX]"*

V. Compliance Responsibilities:

Nothing in this policy shall be construed to shield a unit that has operated out of compliance with District, state or federal requirement(s). A unit designated as a DEU is subject to enforcement action for any violations.

RESCINDED