

# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL APPLICATION INSTRUCTIONS

### Introduction:

Mojave Desert Air Quality Management District (MDAQMD) Rule 1202 requires Title V permit holders to submit an application for renewal of the Title V permit no more than 18 months prior to the expiration date and no less than 6 months prior to the expiration date of the permit. A complete renewal application will consist of the following forms and documents, together with appropriate supplemental information, as described in these instructions:

1. A General Facility Information form and all required attachments.
2. An Application Certification form
  - The Application Certification Form is used to certify that the facility is currently operating and will continue to operate in compliance with all applicable requirements of the Title V permit and applicable rules and regulations.
  - If the facility is not operating in compliance with current requirements, the facility must submit a compliance plan using the Title V Non-Compliant Operations Report
  - The Application Certification form is also used to certify that the facility has reviewed the current Title V permit for errors.
  - If the facility finds any errors in the current Title V permit, or if there are any necessary additions or new requirements that have become applicable since the previous Title V permit was issued, a redlined copy of the permit must be attached to the permit renewal application, along with any necessary permit application/modification forms.
3. A Title V Non-Compliant Operations report, if applicable
4. A Title V List of Exempt Equipment, pursuant to Rule 219
5. A Title V Potential Emissions Report for criteria pollutants, HAPs, and greenhouse gases.
6. A Compliance Assurance Monitoring (CAM) Applicability Determination form, along with CAM Plans for all emission units at the facility for which CAM Plans are required.
7. A Permit Shield Request, if applicable.
8. An Alternative Operating Scenarios form, if applicable.

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## TITLE V PERMIT RENEWAL APPLICATION – GENERAL FACILITY INFORMATION

1. FACILITY ID: _____	FACILITY SIC CODE: _____
TITLE V PERMIT NUMBER: _____	PERMIT EXPIRATION DATE: _____
2. COMPANY NAME: _____	
3. COMPANY MAILING ADDRESS:	
STREET/P.O. BOX: _____	
CITY: _____	STATE: _____ 9-DIGIT ZIP CODE: _____
4. FACILITY NAME: _____	
5. FACILITY MAILING ADDRESS:	
STREET/P.O. BOX: _____	
CITY: _____	STATE: _____ 9-DIGIT ZIP CODE: _____
6. RESPONSIBLE OFFICIAL (AS DEFINED IN 40 CFR 70.2 AND MDAQMD RULE 1201)	
NAME: _____	TITLE: _____ PHONE NUMBER _____
7. TITLE V PERMIT CONTACT PERSON	
NAME: _____	TITLE: _____ PHONE NUMBER _____
8. TYPE OF ORGANIZATION:	
<input type="checkbox"/> CORPORATION <input type="checkbox"/> SOLE OWNERSHIP <input type="checkbox"/> GOVERNMENT <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> UTILITY	
9. CAM (COMPLIANCE ASSURANCE MONITORING) PLANS	
Are you required to submit a CAM plan for any emissions unit at this facility? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, submit a CAM plan for each emissions unit as an attachment to the application. See attached CAM plan instructions for more detail.	

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10. ALTERNATE OPERATING SCENARIOS

Does this application request alternative operating scenarios pursuant to Rule 1203(E)?  Yes  No  
If yes, submit an Alternate Operating Scenarios form, as applicable.

11. RISK MANAGEMENT PLAN

Has this facility been required to prepare a federal Risk Management Plan pursuant to Section 112(r) of the federal Clean Air Act and 40 CFR Part 68?  Yes  No

If yes, has the federal Risk Management Plan been submitted to the implementing agency?  Yes  No

If a federal Risk Management Plan is required but has not been submitted to the implementing agency, provide a detailed explanation as an attachment to the application.

12. STRATOSPHERIC OZONE

Does the facility conduct any activities that are regulated by the federal protection of stratospheric ozone requirements in 40 CFR Part 82?  Yes  No

13. ACID RAIN

Is this facility subject to the acid rain requirement in 40 CFR Part 72 through 40 CFR Part 78?  Yes  No

14. MAJOR SOURCE STATUS

Is this facility a major source of greenhouse gases, as defined in MDAQMD Rule 1211?  Yes  No

Is this facility a major source of any of the following pollutants:

- VOCs     Particulate Matter     Carbon Monoxide     Nitrogen Oxides     Sulfur Dioxides  
 Lead     HAP

15. PERMIT SHIELDS

Does the current Title V permit for this facility include any permit shields?  Yes  No

If yes, is the basis for each permit shield still correct?  Yes  No

If the current Title V permit contains any permit shield for which the basis is no longer correct, provide a detailed explanation as an attachment to the application. If you are requesting an additional permit shield, complete the attached Permit Shield Request form.

16. CERTIFICATION BY RESPONSIBLE OFFICIAL

Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete. I declare, under penalty of perjury under the laws of the state of California, that the foregoing is correct and true:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL APPLICATION – GENERAL FACILITY INFORMATION INSTRUCTIONS

The General Facility Information form requests general information identifying the stationary source. As indicated on the form and discussed in more detail below, an applicant is required to include supplemental information in addition to the form.

Line 1. Please enter

- The MDAQMD Facility ID number
- The Facility SIC code
- The Title V Permit to Operate number
- The Title V Permit expiration date

Line 2. Enter the name of the company that owns the business

Line 3. Enter the company mailing address

Line 4. Enter the name of the facility

Line 5. Enter the facility mailing address

Line 6. Enter the name and title of the responsible official. The name of the person identified on this line must meet the qualifications of a “Responsible Official”, as defined in 40 CFR 70.2 and MDAQMD Rule 1201.

**For a corporation**, the responsible official shall be a president, secretary, treasurer, or vice president in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation. The responsible official may be a duly authorized representative rather than any of the above if the representative is responsible for the overall operation of one or more manufacturing, production or operating facilities which are applying for or subject to a permit; and:

1. The facility employs more than 250 persons or has gross annual sales or expenditures exceeding \$25 million in 1980 dollars; or
2. The delegation of the authority is approved in advance by the Executive Director.

**For a partnership or sole proprietorship**, the responsible official is a general partner or the sole proprietor, respectively.

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**For a municipality, state, federal, or other public agency,** the responsible official shall be either the principal executive officer or a ranking elected official. The principle executive officer, in the case of a federal agency, may be the executive officer having responsibility for a geographical unit.

**For an Acid Rain Facility,** the responsible official is a designated representative as defined in 40 CFR 72.20.

- Line 7. The name of the person identified on this line should be the appropriate contact for questions regarding the application.
- Line 8. Indicate the organizational structure of the facility
- Line 9. Complete a Compliance Assurance Monitoring Applicability Determination Form, and indicate whether you are required to submit a CAM plan for any emissions unit at the facility.
- Line 10. Please complete the Alternate Operating Scenario form, if applicable. Ensure that descriptions that contain sufficient emission information for the District to develop reasonable permit conditions for each alternative operating scenario anticipated at the facility.
- Line 11. Enter requested risk management plan information.
- Line 12. Enter requested information regarding the stratospheric ozone requirements.
- Line 13. Enter requested information regarding the acid rain requirements.
- Line 14. Enter requested information regarding the major source status of the facility.
- Line 15. Enter information indicating whether the current facility permit contains any Permit Shields. Indicate whether the basis for the permit shield is still correct. If you are requesting any additional permit shields, complete the attached Permit Shield Request form.
- Line 16. The name of the person's signature provided on this line must meet the qualifications of a "Responsible Official", as defined in 40 CFR 70.2 and MDAQMD Rule 1201. This definition is described in detail under Line 6. Please also specify the title of the Responsible Official at your facility.

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## TITLE V PERMIT RENEWAL APPLICATION – APPLICATION CERTIFICATION

### I. FACILITY INFORMATION

1. FACILITY NAME:
2. FACILITY ID:
3. TITLE V PERMIT #:

### II. TITLE V PERMIT CERTIFICATION (Read each statement carefully and check one):

- The current Title V permit has been reviewed and it has been determined that equipment descriptions are correct, and all requirements are still applicable.
- The current Title V permit has been reviewed and errors have been found in equipment descriptions and/or permit requirements. A copy of the Title V permit is attached with redline changes. Permit application and/or modification forms are enclosed, as applicable.

### III. COMPLIANCE CERTIFICATION (Read each statement carefully and check all for confirmation):

- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s), except for those requirements listed in the "Title V Non-Compliant Operations Report".
- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis, except for those requirements listed in the "Title V Non-Compliant Operations Report".
- Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.

Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete. I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true.

\_\_\_\_\_  
Signature of Responsible Official

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Responsible Official (please print)

\_\_\_\_\_  
Title of Responsible Official (please print)

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## TITLE V PERMIT RENEWAL - APPLICATION CERTIFICATION INSTRUCTIONS

Complete a Title V Renewal - Application Certification Form by providing the following information:

### I. Facility Information

- Line 1. Enter the name of the facility.
- Line 2. Enter the MDAQMD Facility ID number.
- Line 3. Enter the current Title V permit number.

### II. Title V Permit Certification

Review the current Title V permit to operate to determine whether equipment descriptions are correct, and whether all requirements are still applicable to the equipment. If any errors are found, provide a redlined copy of the permit to operate, along with any applicable permit modification forms.

### III. Compliance Certification

A compliance certification is a certification by the Responsible Official that each of the listed statements are true, accurate, and complete. The Responsible Official must check off that the statements that are true, sign and date, and print his/her name and title.

**For a corporation**, the responsible official shall be a president, secretary, treasurer, or vice president in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation. The responsible official may be a duly authorized representative rather than any of the above if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit; and

1. the facilities employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million in 1980 dollars; or
2. the District has approved a petition from the original responsible person to delegate authority.

**For a public agency** the responsible official shall be either the principal executive officer or the ranking elected official. The principal executive officer, in the case of a federal agency, may be the executive officer having responsibility for a geographical unit.

**For a partnership or sole proprietorship**, the responsible official is a general partner or the proprietor, respectively

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# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL APPLICATION – NON-COMPLIANT OPERATIONS (DEVIATIONS) REPORT AND PART 70 COMPLIANCE SCHEDULE/PLAN AND QUALITY IMPROVEMENT PLAN - QIP

**I. FACILITY INFORMATION**

1. FACILITY NAME: _____	2. FACILITY ID _____	3. PERMIT NUMBER _____
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**II. NON-COMPLIANT OPERATIONS REPORT**

4. Compliance status:			
a. <input type="checkbox"/> This facility has experienced non-compliant operations as described below but achieved compliance with the applicable requirements on _____			
b. <input type="checkbox"/> This facility continues to experience non-compliance with the applicable requirements as described below:			
5. PERMIT # OF EQUIPMENT	6. APPLICABLE REQUIREMENT (Rule or Permit Condition Number)	7. FEDERALLY ENFORCEABLE REQUIREMENT?	8. DESCRIPTION OF NON-COMPLIANT OPERATIONS (Attach additional sheets as needed)
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	

**III. PART 70 COMPLIANCE SCHEDULE/PLAN AND QIP**

9. DESCRIBE HOW COMPLIANCE WAS OR WILL BE ACHIEVED	10. COMPLIANCE SCHEDULE	
	DATE	REMEDIAL MEASURES AND MILESTONES

**IV. PROGRESS REPORT SCHEDULE**

11. CERTIFIED PROGRESS REPORTS WILL BE SUBMITTED ACCORDING TO THE FOLLOWING SCHEDULE: (CHECK a or b and complete c):			
a. <input type="checkbox"/> Semi-annually	b. <input type="checkbox"/> More frequently as specified	c. Submittal dates: 1) _____ 2) _____ 3) _____ 4) _____	

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## TITLE V PERMIT RENEWAL – NON COMPLIANT OPERATIONS REPORT INSTRUCTIONS

Complete a Non-Compliant Operations Report by providing the following information:

### **I. Facility Information**

1. Enter the name of the facility.
2. Enter the MDAQMD Facility ID number.
3. Enter the current Title V permit number.

### **II. Non Compliant Operations Report**

4. Check either a or b to indicate the non-compliant status of the operations.
5. Enter the permit # of the non-compliant equipment
6. Enter the rule or permit condition number of the applicable requirement
7. Check the appropriate box to indicate whether it is a federally enforceable requirement
8. Provide a description of the non-compliant operations

### **III. Part 70 Compliance Schedule/Plan and QIP**

9. Provide a description of how compliance was or will be achieved
10. Provide a compliance schedule, complete with dates and milestones for non-compliant operations.

### **IV. Progress Report Schedule**

11. Indicate schedule and dates of submittal for certified progress reports.

# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL APPLICATION – LIST OF EXEMPT EQUIPMENT

### I. FACILITY INFORMATION

1. FACILITY NAME:
2. FACILITY ID:
3. TITLE V PERMIT #:

### II. SUMMARY OF EQUIPMENT EXEMPT FROM PERMIT REQUIREMENTS (INCLUDING PORTABLE)

4. EXEMPT EQUIPMENT DESCRIPTION	5. VENTING TO CONTROL (PERMIT #)	6. CONTROL DEVICE DESCRIPTION	7. BASIS FOR EXEMPTION (e.g. Rule 219(D)(2)(b))

# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL APPLICATION – LIST OF EXEMPT EQUIPMENT INSTRUCTIONS

### Introduction

Use the List of Exempt Equipment form for all Title 5 permit renewal applications. This form is designed to summarize all of the equipment at a facility that is exempt per MDAQMD Rule 219 from MDAQMD permit requirements (e.g., IC Engines  $\leq$  50 BHP, Boilers  $<$  2 MMBTU/hr, etc.). This equipment can be listed according to category. However, if there is a specific device that is vented to control equipment, then the equipment must be listed separately. Trivial activities listed on the next page do not have to be listed on this form.

### I. Facility Information

1. Enter the name of the facility.
2. Enter the MDAQMD Facility ID number.
3. Enter the current Title V permit number.

### II. Summary of Equipment Exempt from Permit Requirements

4. Enter a description of the exempt equipment. Categories can be used (e.g., small boilers (75,000 BTU/hr – 2,000,000 BTU/hr)).
5. If the exempt equipment is connected to a control device, enter the control device permit number.
6. If the exempt equipment is connected to a control device, enter a description of the control device.
7. Provide the basis for exemption by referencing the appropriate section of Rule 219.

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## TRIVIAL ACTIVITIES

- Combustion emissions from propulsion of mobile sources
- Air-conditioning units used for human comfort that do not have applicable requirements under Title VI of the Act.
- Ventilating units used for human comfort that do not exhaust air pollutant into the ambient air from any manufacturing/industrial or commercial process
- Non-commercial food preparation
- Consumer use of office equipment and products, not including printers or businesses primarily involved in photographic reproduction
- Janitorial services and consumer use of janitorial products
- Internal combustion engines used for landscaping purposes
- Laundry activities, except for dry-cleaning and steam boilers
- Bathroom/toilet vent emissions
- Emergency (backup) electrical generators at residential locations
- Tobacco smoking rooms and areas
- Blacksmith forges
- Plant maintenance and upkeep activities (e.g., grounds-keeping, general repairs, welding, plumbing, re-tarring roofs, installing insulation, and paving parking lots) provided these activities are not conducted as part of a manufacturing process, are not related to the source's primary business activity, and not otherwise triggering a permit modification. Asphalt batch plant owners/operators must still get a permit if otherwise required.
- Repair or maintenance shop activities not related to the source's primary business activity, not including emissions from surface coating or de-greasing (solvent metal cleaning) activities, and not otherwise triggering a permit modification.
- Portable electrical generators <50 HP that can be moved by hand from one location to another. Moved by hand means it can be moved without the assistance of any motorized or non-motorized vehicle, conveyance or device
- Hand-held equipment for buffing, polishing, cutting, drilling, sawing, grinding, turning or machining wood, metal, or plastic
- Brazing, soldering and welding equipment, and cutting torches related to manufacturing and construction activities that do not result in emission of HAP metals.
- Bench-scale laboratory equipment used for physical or chemical analysis, but not lab fume hoods or vents. Many lab fume hoods or vents might qualify for treatment as unpermitted equipment.
- Routine calibration and maintenance of laboratory equipment or other analytical instruments.
- Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis
- Hydraulic and hydrostatic testing equipment
- Environmental chambers not using HAP gases
- Shock chambers
- Humidity chambers

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- Solar simulators
- Fugitive emission related to movement of passenger vehicles, provided any required fugitive dust control plan or its equivalent is submitted
- Process water filtration systems and demineralizers
- Demineralized water tanks and demineralizer vents, air compressors and pneumatically operated equipment, including hand tools
- Batteries and battery charging stations, except at battery manufacturing plants
- Storage tanks, vessels and containers holding or storing liquid substances that will not emit any VOC or HAP
- Storage tanks, reservoirs, and pumping and handling equipment of any size containing soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized
- Equipment used to mix and package soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized.
- Drop hammers or hydraulic presses for forging or metalworking
- Equipment used exclusively to slaughter animals, but not including other equipment at slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators, and electrical power generating equipment
- Vents from continuous emissions monitors and other analyzers
- Natural gas pressure regulator vents, excluding venting at oil and gas production facilities
- Hand-held applicator equipment for hot melt adhesives with no VOC in the adhesive formulation
- Equipment used for surface coating, painting, dipping or spraying operations, except those that will emit VOC or HAP
- CO2 lasers, used only on metals and other materials which do not emit HAP in the process
- Consumer use of paper trimmers/binders
- Electric or steam-heated drying ovens and autoclaves, but not the emissions from the articles or substance being processed in the ovens or autoclaves or the boilers delivering the steam
- Salt baths using nonvolatile salts that do not result in emissions of any regulated air pollutants
- Laser trimmers using dust collection to prevent fugitive emissions
- Boiler water treatment operations, not including cooling towers
- Oxygen scavenging (de-aeration) of water
- Ozone generators
- Fire suppression systems
- Emergency road flares
- Steam vents and safety relief valves
- Steam leaks
- Steam cleaning operations
- Steam sterilizers

# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL APPLICATION – POTENTIAL EMISSIONS REPORT, CRITERIA POLLUTANTS & HAPs

**I. FACILITY INFORMATION**

1. FACILITY NAME:
2. FACILITY ID:
3. TITLE V PERMIT #:

**II. POTENTIAL ANNUAL EMISSIONS**

4. EMISSION UNIT (APPLICATION OR PERMIT #)	5. EQUIPMENT DESCRIPTION	6. POTENTIAL ANNUAL EMISSIONS							
		NOx (TPY)	VOC (TPY)	PM10 (TPY)	PM2.5 (TPY)	SOx (TPY)	CO (TPY)	Other: (TPY)	Other: (TPY)

# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL APPLICATION – POTENTIAL GREENHOUSE GAS EMISSIONS REPORT

**I. FACILITY INFORMATION**

1. FACILITY NAME:
2. FACILITY ID:
3. TITLE V PERMIT #:

**II. POTENTIAL ANNUAL EMISSIONS**

4. EMISSION UNIT (APPLICATION OR PERMIT #)	5. EQUIPMENT DESCRIPTION	6. POTENTIAL ANNUAL EMISSIONS							
		CO <sub>2</sub> (TPY)	N <sub>2</sub> O (TPY)	CH <sub>4</sub> (TPY)	HFCs (TPY)	PFCs (TPY)	SF <sub>6</sub> (TPY)	Other: (TPY)	CO <sub>2</sub> (e) (TPY)

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# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL – POTENTIAL EMISSIONS REPORT Criteria Pollutants, HAPs, and Greenhouse Gases

### INSTRUCTIONS

Describe potential emissions of all regulated air pollutants emitted from each emissions source permitted by the District. Potential to emit is the maximum capacity of an emissions unit to emit a pollutant under its physical and operational design. Any physical or operational limitation on the capacity of the source to emit a pollutant shall be treated as part of its design only if the limitation, or the effect it would have on emissions, is incorporated into the applicable permit as a federally enforceable permit condition, or is contained in an EPA approved State Implementation Plan (SIP). Any physical or operational limitation includes pollution control equipment, restrictions on hours of operation, and restrictions on the type or amount of material combusted, stored, or processed.

#### **I. Facility Information**

1. Enter the name of the facility.
2. Enter the MDAQMD Facility ID number.
3. Enter the current Title V permit number.

#### **II. Potential Annual Emissions**

4. List all new and existing emission units either by MDAQMD application or permit number. When the emission unit is new and has not yet been assigned an application number, leave this column blank.
5. Provide a brief equipment description of the emission unit.
6. Potential Annual Emissions: Report potential emissions of pollutants. Quantify emissions from permitted sources, in tons per year, for pollutants for which:
  - 1) A facility is a major source. Fugitive emissions need only be included with reported emissions for source categories listed in 40 CFR Part 70.2(2); or
  - 2) Emissions data are required to show the applicability of, or compliance with, a requirement. Fugitive emissions must be included in the reported emissions.

When quantification is not required by one of the above two criteria, merely check the box in the column associated with all the pollutants emitted from a permitted source (e.g. for a boiler check the boxes in the columns for NO<sub>x</sub>, CO, SO<sub>x</sub>, VOC, and write in 'HAPS' in the column titled 'Other' and check that box, too).

# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL APPLICATION – COMPLIANCE ASSURANCE MONITORING INSTRUCTIONS FOR DETERMINING APPLICABILITY

### Introduction

With the exception of emission units that are municipally-owned backup utility power units, as described by 40 CFR Part 64, Section 64.1(b)(2)<sup>1</sup>, the CAM rule is applicable to each emission unit (existing and new construction) at a Title V facility that meets ALL of the following criteria<sup>2</sup>:

1. The emission unit is subject to an emission limitation or standard<sup>3</sup>;
2. The emission unit uses a control device to achieve compliance with a federally enforceable emission limitation or standard; and,
3. The emission unit has a pre-control potential to emit (PTE) that exceeds or is equivalent to any of Title V major source thresholds shown in the following table:

Pollutant	PTE Emission Threshold <sup>4</sup> (tons per year)
VOC	25
NOx	25
1 HAP <sup>5</sup>	10
2+ HAPs	25
Any other air pollutant	100

<sup>1</sup> The facility must attach the documentation required by 40 CFR Part 64, Section 64.2(b)(2) to demonstrate that the backup utility power unit only operates during periods of peak demand or emergency situations; and has actual emissions, averaged over the last three calendar years of operation, less than 50% of the major source emission thresholds.

<sup>2</sup> Additional information about the CAM rule can be found on EPA’s website at <http://www.epa.gov/ttnemc01/cam.html>

<sup>3</sup> Only emission limitations and standards from an “applicable requirement” for emission units with control devices are subject to the CAM rule. Only emission limitations and standards from an “applicable requirement” for emission units with control devices are subject to the CAM rule. Emission limitation or standard is defined in 40 CFR 64.1 and includes emission limitations, emission standards, capture efficiencies, destruction efficiencies, work practices, and process or control device parameters. Applicable requirement has the same meaning as in 40 CFR part 70 and, generally, includes federally enforceable requirements from MDAQMD and State rules that are approved into the California State Implementation Plan (SIP), New Source Performance Standards, National Emission Standards for Hazardous Air Pollutants, and New Source Review permits. Certain emission limits or standards may be exempt from the CAM rule under 40 CFR 64.2(b).

<sup>4</sup> The PTE emission threshold is based on MDAQMD Rule 1201 definition of a “Major Source Facility” (Amended 09/26/05). Please be advised that the threshold values are subject to change based on rule amendments.

<sup>5</sup> Hazardous Air Pollutant

# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL APPLICATION – COMPLIANCE ASSURANCE MONITORING APPLICABILITY DETERMINATION FORM

**I. FACILITY INFORMATION**

1. FACILITY NAME:
2. FACILITY ID:
3. TITLE V PERMIT #:

**II. CAM STATUS SUMMARY FOR EMISSION UNITS**

4. Based on the criteria in the instructions (check one and attach additional pages as necessary):						
a. <input type="checkbox"/> There are no emission units with control devices at this Title V facility.						
b. <input type="checkbox"/> There are emission units with control devices at this Title V facility, and the CAM applicability is shown below for each unit. A CAM plan is attached for each affected emissions unit.						
5. EMISSION UNIT (APPLICATION OR PERMIT #)	6. EQUIPMENT DESCRIPTION	UNCONTROLLED EMISSIONS		9. UNCONTROLLED POTENTIAL EMISSIONS EXCEED THE MAJOR SOURCE THRESHOLD AND USE A CONTROL DEVICE?	10. EXEMPT FROM CAM BY 40 CFR 64.2(b)(1)? (ENTER YES OR NO. IF YES, STATE THE REASON FOR EXEMPTION)	11. IS A CAM PLAN REQUIRED?
		7. POLLUTANT TYPE	8. PTE (tons/year)			

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# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL – CAM APPLICABILITY DETERMINATION FORM INSTRUCTIONS

### I. Facility Information

1. Enter the name of the facility.
2. Enter the MDAQMD Facility ID number.
3. Enter the current Title V permit number.

### II. CAM Status Summary for Emission Units

4. Check box (a) or (b) to indicate whether there are emission units with control devices that are subject to the CAM rule. For more detailed information regarding CAM rule applicability, refer to 40 CFR Part 64, Section 64.1. Note that only one CAM plan is required for a control device that is common to more than one emissions unit, or if an emissions unit is controlled by more than one control device similar in design and operation. If the control devices are not similar in design and operation, one plan is required for each control device.
5. List all new and existing emission units either by MDAQMD application or permit number. When the emission unit is new and has not yet been assigned an application number, leave this column blank.
6. Provide a brief equipment description of the emission unit by indicating the equipment type, make, and model and serial numbers as appropriate.
7. List each pollutant that is subject to an emission limitation or standard, as defined in 40 CFR 64.1.
8. Provide the uncontrolled emissions potential to emit for the pollutant.
9. State whether the uncontrolled potential emissions exceed the major source threshold and use a control device (yes/no).
10. State whether each emission limitation or standard is exempt from CAM. If it is exempt, provide a reason.
11. State whether a CAM plan is required.

# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL APPLICATION – PERMIT SHIELD REQUEST

### I. FACILITY/APPLICATION INFORMATION

1. FACILITY NAME:
2. FACILITY ID:
3. TITLE V PERMIT #:
4. IDENTIFY EXISTING EQUIPMENT FOR WHICH A PERMIT SHIELD IS REQUESTED: PERMIT #: _____ EQUIPMENT DESCRIPTION: _____
5. ARE MULTIPLE PERMIT SHIELD APPLICATIONS FOR SIMILAR EQUIPMENT AS THE EQUIPMENT DESCRIBED ABOVE BEING SUBMITTED AT THE SAME TIME? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, provide the number of multiple units: _____

### II. PERMIT SHIELD INFORMATION

6. REGULATORY REQUIREMENTS FOR WHICH A PERMIT SHIELD IS SOUGHT
7. REASON(S) FOR REQUESTING A PERMIT SHIELD:
8. ESTIMATED TIME THAT THE PERMIT SHIELD SHOULD LAST (CHECK ONE): a. <input type="checkbox"/> For the life of the permit b. <input type="checkbox"/> Other (Specify): _____

# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL – PERMIT SHIELD REQUEST INSTRUCTIONS

### General Instructions

A Title V facility has the option to use this form to request that their Title V permit contain a permit shield. A Title V permit with a permit shield will identify rules that do not apply, and state that compliance with all conditions on the permit will be considered as compliance with all regulatory requirements in effect as of the date of the permit issuance. A requirement identified in the permit as non-applicable is not enforceable by EPA, MDAQMD, or citizens. However, if a requirement is erroneously omitted from the permit, a permit shield will not protect a facility from enforcement action.

### I. Facility/Application Information

1. Enter the name of the facility.
2. Enter the MDAQMD Facility ID number.
3. Enter the current Title V permit number.
4. Enter the permit # and description of the equipment
5. Enter information if you are requesting permit shields for multiple pieces of similar equipment

### II. Permit Shield Information

6. In the space provided, describe the regulatory requirement for which the facility is requesting a shield, and cite the rule reference and date of the rule version.
7. Explain the reason(s) for requesting a permit shield for each regulatory requirement.
8. Check the appropriate box to indicate the duration or length of time over which the permit shield should last.

# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL APPLICATION – ALTERNATE OPERATING SCENARIOS

### I. FACILITY/APPLICATION INFORMATION

1. FACILITY NAME:
2. FACILITY ID:
3. TITLE V PERMIT #:
4. THIS APPLICATION IS FOR: (check one) <input type="checkbox"/> An alternative operating scenario <input type="checkbox"/> Emissions trading under a facility emissions limit

### II. DETAILED SUMMARY

5. PROVIDE A DETAILED SUMMARY OF PROPOSED ALTERNATE OPERATING SCENARIOS OR EMISSIONS TRADING, AS DISCUSSED IN THE INSTRUCTIONS.
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# Mojave Desert Air Quality Management District

## TITLE V PERMIT RENEWAL – ALTERNATE OPERATING SCENARIOS INSTRUCTIONS

### Introduction

The provisions for operational flexibility for federally enforceable permit conditions are contained in Rule 1203(E). To qualify under the provisions, the operational change may not constitute a “modification” as defined under any provision of Title I of the Federal Clean Air Act, or exceed the emissions currently allowed under the permit. Any operational change that requires an authority to construct will still need to go through that process. Two types of operational flexibility will be allowed:

A. Alternate Operating Scenarios

The first type of operational flexibility is the use of alternative operating scenarios that are allowed for in the permit to operate. The owner/operator of the stationary source has the burden of identifying and applying for the scenarios in the application. The District must make a determination that the scenarios will not violate any applicable District, state, or federal requirement, and then allow for the scenarios in the issued permit.

B. Emissions Trading Under a Facility Emissions Limit

The second type of operational flexibility allows for changes in operation of a facility that were not anticipated in the permit to operate. A change under this provision must meet several qualifying conditions. The change must not result in any exceedance of any applicable emission limit, emission standard, or performance standard. Procedurally, the owner/operator must give the District at least a 12-day written notice before making the change. The owner/operator must also provide the District certain information about the change, and must not make the change if a written denial from the District is received during the 12-day notice period. The change must not be a modification as defined in Rule 1203(E) or in Title I of the CAA, and must not violate any applicable federal requirements.

### Form Instructions

**I. Facility/Application Information**

1. Enter the name of the facility.
2. Enter the MDAQMD Facility ID number.
3. Enter the current Title V permit number.
4. Check a box to indicate whether the application is for an Alternate Operating Scenario, or Emissions Trading Under a Facility Emissions Limit (see definitions A and B, above)

**II. Detailed Summary**

5. In the space provided, provide a detailed summary of proposed Alternate Operating Scenarios or Emissions Trading, as discussed in A and B above.