EDISON
MISSION ENERGY
An EDISON INTERNATIONAL™ Company

Thomas J. McCabe, Jr.
Regional Vice President,
Environmental, Health & Safety

November 29, 2005

DOCKET
05-AFC-2
DATE NOV 29 2005
RECD. DEC 13 2005

Mr. John Yee
South Coast Air Quality Management District
21865 E. Copley Dr.
Diamond Bar, CA 91765

SUBJECT: Walnut Creek Energy, LLC
Application for a Permit to Construct for Walnut Creek Energy Park

Dear Mr. Yee:

We are pleased to submit one original and 5 copies of an application for a Permit to Construct and Title V permit for a nominally, 500-megawatt peaking electric generating facility located in the City of Industry, California. Included with this application is a check from Edison Mission Energy for $56,001 for the initial filing fees including our request for expedited processing. We calculated fees per Attachment A to this letter, and we appreciated your assistance.

For this project the California Energy Commission (CEC) will act as the lead agency for compliance with the California Environmental Quality Act, and the Application for Certification (AFC) was submitted to the CEC on November 22, 2005. The CEC AFC number is 05-AFC-02.

We look forward to working with the South Coast Air Quality Management District in the review process. Please do not hesitate to call me if you or any of the technical staff have any questions.

Sincerely,

TMC:bpm
Enclosures

Received by:

_____ on November 29, 2005.
South Coast Air Quality Management District

Title: Cashier

18101 Von Karman Avenue
Suite 1700
Irvine, CA 92612 1046
Tel: 949 798 6308
Fax: 949 225 2762

Application for a Permit to Construct for the Walnut Creek Energy Park

Prepared for

Walnut Creek Energy, LLC
A wholly-owned subsidiary of

EDISON
MISSION ENERGY

An *EDISON INTERNATIONAL*℠ Company

Prepared by

Atmospheric Dynamics, Inc.
Santa Barbara, CA 92105
ENV Environmental
Shingletown, California 96088
November 2005

Table of Contents

Section 1.0	**South Coast AQMD Permitting and Title V Forms**
Section 2.0	**Project Description**
	(Same as AFC Section 2.0)
Section 3.0	**Air Quality Evaluation**
	(Same as AFC Section 8.1)
Section 4.0	**Public Health Evaluation**
	(Same as AFC Section 8.9)
Section 5.0	**Air and Public Health Appendices**
	(Same as AFC Air and Public Health Appendices)
Section 6.0	**Alternatives Analysis**
	(Same as AFC Section 9.0)

List of Contributors

Section 1.0

South Coast AQMD Permitting and Title V Forms

South Coast Air Quality Management District
P. O. Box 4944
Diamond Bar, CA 91765
(909) 396-2000

Form 400-A and one or more 400-E-xx form(s) must accompany all submittals.

EXPRESS PERMIT PROCESSING REQUEST FORM FORM 400 - XPP

Section I - Facility/Application Information

1. Business Name: Walnut Creek Energy, LLC. Facility ID:
2. The requested application is for a(n): Date of Occurrence:
   a. New Construction **X** b. Change of Location
   c. Modification of Equipment/Process d. Existing Equipment with Expired Permit
   e. Existing Equipment Operating without a Permit; Initial Operation Date:
   f. Change of Condition(s); Specify the change of condition(s) requested:
   g. Change of Operator; List previous name of operator and Facility ID #:
3. I hereby request Express Permit Processing for this application. **Yes**
4. I understand that this request will incur additional fees. **Yes**
5. This request is not cancelable once engineering review has been initiated. **Understood by Applicant**
6. Express Permit Processing neither guarantees action by any specific date nor does it guarantee permit approval. **Understood by Applicant.**

Section II - Equipment Information

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF RESPONSIBLE OFFICIAL OF FIRM:	TITLE OF RESPONSIBLE OFFICIAL OF FIRM:	
	REGIONAL V.P. ENVIRONMENTAL, HEALTH, & SAFETY	
TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM:	RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER	DATE SIGNED:
THOMAS J. MCCABE, JR.	(949) 798-6308	11/28/05

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF PREPARER:	TITLE OF PREPARER:	
Richard B. Booth	SR. CONSULTANT/ADI	
TYPE OR PRINT NAME OF PREPARER:	PREPARER'S TELEPHONE NUMBER	DATE SIGNED:
RICHARD B. BOOTH	(530) 474-1893	11-28-05

AQMD USE ONLY	APPLICATION/TRACKING #	PROJECT #	TYPE B C D	EQUIPMENT CATEGORY CODE: ___ ___ ___ ___ ___ / ___ ___	FEE SCHEDULE: $	VALIDATION
ENG. A R DATE	ENG. A R DATE	CLASS I III IV	ASSIGNMENT UNIT ENGINEER	ENF. SECT.	CHECK/MONEY ORDER #	AMOUNT $

South Coast Air Quality Management District
P. O. Box 4944
Diamond Bar, CA 91765
(909) 396-2000

APPLICATION FOR PERMIT TO CONSTRUCT AND PERMIT TO OPERATE FORM 400 - A

Non-Title V Facilities: This form must be accompanied by one or more 400-E-xx series form(s). Complete this side of form only.
Title V Facilities: Complete both sides of this form. Include additional forms as necessary.

NC/NOV NUMBER:
INSPECTOR **SECTOR**
ISSUE DATE

Section I - Company Information

LEGAL NAME OF OPERATOR: **Walnut Creek Energy, LLC**
☒ IRS OR ☐ S. S. NUMBER: TBD

PERMIT TO BE ISSUED TO (SEE INSTRUCTIONS) Walnut Creek Energy, LLC

BUSINESS MAILING ADDRESS: Walnut Creek Energy, LLC, C/O Thomas McCabe, Edison Mission Energy 18101 Von Karman Avenue, Suite 1700 Irvine, CA 92612

PERMIT MAILING ADDRESS, IF DIFFERENT FROM BUSINESS MAILING ADDRESS Same

TYPE OF ORGANIZATION
☐ Corporation ☐ Limited Partnership ☐ Government Entity
☐ Individual ☐ General Partnership X Other (Fill in): **Limited Liability Company**

ARE YOU A SMALL BUSINESS? (SEE INSTRUCTIONS) ☐ Yes X No
AVERAGE ANNUAL GROSS RECEIPTS $
NUMBER OF EMPLOYEES 9-10
IS YOUR BUSINESS 51 % OR MORE WOMAN/MINORITY OWNED? ☐ Yes X No

THIS SECTION IS REQUIRED FOR ALL APPLICATIONS FOR NEW CONSTRUCTION OR MAJOR MODIFICATIONS.
ARE ALL MAJOR SOURCES UNDER SAME OWNERSHIP IN CALIFORNIA IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL AIR POLLUTION CONTROL RULES? X Yes ☐ No
ARE YOU THE OWNER OF THE EQUIPMENT UNDER THIS APPLICATION? X Yes ☐ No ☐ IRS OR ☐ S. S. NUMBER OF OWNER
IF NO, ENTER THE LEGAL NAME OF OWNER

Section II - Facility Information

EQUIPMENT ADDRESS/LOCATION
911 Bixby Drive (NUMBER/STREET)
City of Industry (CITY OR COMMUNITY) CA, 91744 (ZIP CODE)

FACILITY NAME: Walnut Creek Energy Park
FACILITY ID NUMBER

PRINT NAME OF CONTACT PERSON: Thomas J. McCabe, Jr.
TITLE OF CONTACT PERSON: Regional V.P. Environmental, Health, and Safety

TYPE OF BUSINESS AT THIS FACILITY: Electrical generation facility
PRIMARY SIC CODE FOR THIS FACILITY: 4911
NUMBER OF EMPLOYEES AT THIS FACILITY: 9-10

CONTACT PERSON'S TELEPHONE NUMBER: (949)798-6308
CONTACT PERSON'S FAX NUMBER: (949)225-2762
CONTACT PERSON'S E-MAIL ADDRESS: tmccabe@edisonmission.com

Section III - Application Type

DESCRIPTION OF EQUIPMENT:
PREVIOUS PERMIT #(S):

APPLICATION FOR (SEE INSTRUCTIONS):
X NEW CONSTRUCTION ☐ MODIFICATION ☐ CHANGE OF LOCATION
☐ EXISTING EQUIPMENT WITHOUT PERMIT ☐ CHANGE OF PERMITTEE ☐ CHANGE OF PERMIT CONDITION
☐ EXISTING EQUIPMENT WITH EXPIRED PERMIT

ARE YOU SUBMITTING MULTIPLE APPLICATIONS FOR EQUIPMENT IDENTICAL TO THAT DESCRIBED ABOVE? X Yes No

☐ **APPLICATION FOR NON-TITLE V EQUIPMENT PERMIT. CHECK THE SUPPLEMENTAL SERIES 400-E-xx FORM(S) SUBMITTED WITH THIS 400-A FORM:**

____ 400-E-1	• PARTICULATE MATTER (PM_{10}) CONTROL EQUIPMENT	X____ 400-E-13	• INTERNAL COMBUSTION EQUIPMENT
____ 400-E-2	• VOLATILE ORGANIC COMPOUND (VOC) CONTROL EQUIPMENT	____ 400-E-14	• OPEN PROCESS TANK
____ 400-E-3	• SCRUBBER	____ 400-E-14a	• OPEN PROCESS TANK; PROCESS LINE
____ 400-E-4	• ABRASIVE BLASTING EQUIPMENT	____ 400-E-15	• PRINTING EQUIPMENT
____ 400-E-6	• DEGREASER	____ 400-E-16	• SOLID MATERIALS STORAGE EQUIPMENT
____ 400-E-7	• DRY CLEANING EQUIPMENT	____ 400-E-17	• SPRAY BOOTH/OPEN SPRAY
____ 400-E-8	• ETHYLENE OXIDE STERILIZER	____ 400-E-17a	• POWDER SPRAY BOOTH
____ 400-E-9	• EXTERNAL COMBUSTION EQUIPMENT	____ 400-E-18	• STORAGE TANK (LIQUID & GASEOUS MAT'L)
____ 400-E-10	• FOOD BROILER/FRYER	____ 400-E-19	• WAVE SOLDER MACHINE
____ 400-E-11	• FUEL DISPENSING AND STORAGE EQUIPMENT	____ 400-E-20	• ASBESTOS REMOVAL EQUIPMENT
X____ 400-E-12	• GAS TURBINE	____ NONE	• ADDITIONAL INFORMATION SUBMITTED AS REQUESTED ON FORM 400-E-GI

☒ **APPLICATION FOR TITLE V FACILITY PERMIT. PROVIDE INFORMATION REQUESTED ON REVERSE SIDE OF THIS FORM.**

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.
SIGNATURE OF RESPONSIBLE OFFICIAL OF FIRM:
TITLE OF RESPONSIBLE OFFICIAL OF FIRM: REGIONAL V.P., ENVIRONMENTAL, HEALTH, AND SAFETY
TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM: THOMAS J. MCCABE, JR.
RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER: (949) 798 - 6308
DATE SIGNED: 11/28/05

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.
SIGNATURE OF PREPARER, IF PREPARED BY PERSON OTHER THAN RESPONSIBLE OFFICIAL OF FIRM:
TITLE OF PREPARER: SR. CONSULTANT
ATMOSPHERIC DYNAMICS, INC.
TYPE OR PRINT NAME OF PREPARER, IF PREPARED BY PERSON OTHER THAN RESPONSIBLE OFFICIAL OF FIRM: RICHARD B. BOOTH
PREPARER'S TELEPHONE NUMBER: (530) 474- 1893
DATE SIGNED: 11/28/05

TITLE V FACILITIES ONLY: COMPLETE OTHER SIDE

AQMD USE ONLY	APPLICATION/TRACKING #	PROJECT #	TYPE B C D	EQUIPMENT CATEGORY CODE:	FEE SCHEDULE:	VALIDATION
				/	$	

ENG. A R	ENG. A R	CLASS	ASSIGNMENT	ENF.	CHECK/MONEY ORDER #	AMOUNT $

TITLE V APPLICATION CERTIFICATION

- TO BE COMPLETED BY TITLE V FACILITIES ONLY -

Section IV - Title V Application

1. This is an application for a(n) (Check all applicable boxes and provide the requested information as appropriate):
   a. X Initial Title V Permit
   b. ☐ Permit Renewal: Provide current permit expiration date: ____/____/____
   c. ☐ Administrative Permit Revision (Check all that apply)
      ☐ Change of Ownership. (Complete and attach equipment-specific Form 400-E-xx series forms)
      ☐ Change of Facility Information
      ☐ Other, Please specify: _____
   d. ☐ Other (Complete and attach equipment specific Form 400-E-XX series form(s) to this form if your application involves permit action for new construction, change of location, non-administrative permit revision, alternative operating scenario (AOS), permit shield, streamlined permit conditions, or temporary source permit.)
2. Is this facility required to prepare a Risk Management Plan (RMP) for another agency? X Yes ☐ No

Section V - Title V Submittal Checklist

1. Enter the quantity of each type form submitted in the space provided:

1	500-A2	1	500-F1
1	500-B		500-F2
1	500-C1		500-F3
	500-C2		500-F4
	500-D	1	Other (specify): 500-H

2. Additional information referenced in this application submitted (Check **ALL** that apply):
   a. ☐ Existing Facility Permit
   b. ☐ Preliminary Facility Permit
   c. ☐ EFB Report for Year _____
   d ☐ None
   e. X Other (Specify): AFC Sections 3.0, 8.1, 8.9, and Appendices _____
3. Supplemental information included with this application submittal (Check **ALL** that apply):
   a. X Facility Plot Plan
   b. ☐ MSDS Sheet(s)
   c. ☐ None
   d. X Other (Specify): AFC Sections and Appendices and all applicable 400 Forms _____

AQMD USE ONLY		30 DAY PUBLIC NOTICE START DATE	30 DAY PUBLIC NOTICE END DATE	PUBLIC HEARING DATE	45-DAY EPA REVIEW START DATE	45-DAY EPA REVIEW END DATE
	APPLICATION TYPE					
	INITIAL, RENEWAL & SIGNIFICANT					
	MINOR & DEMINIMUS					
	ESTABLISH GENERAL PERMIT					

USE THE SECTIONS BELOW FOR TITLE V INITIAL AND RENEWAL APPLICATIONS ONLY:

APPLICATION/TRACKING #	PROJECT #	TYPE B C D	EQUIPMENT CATEGORY CODE: ___ ___ ___ ___ ___ ___ / ___ ___	FEE SCHEDULE: $	VALIDATION
___ ___ ___ ___ ___ ___					

ENG. A R DATE	ENG. A R DATE	CLASS I III IV	ASSIGNMENT UNIT ENGINEER	ENF. SECT.	CHECK/MONEY ORDER #	AMOUNT $

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396- 2000

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) APPLICABILITY FORM 400 - CEQA

The SCAQMD is required by state law, the California Environmental Quality Act (CEQA), to review discretionary permit project applications for potential air quality and other environmental impacts. This form is a screening tool to assist the SCAQMD in clarifying whether or not the project[1] has the potential to generate significant adverse environmental impacts that might require preparation of a CEQA document [CEQA Guidelines §15060(a)].[2] Refer to the attached instructions for guidance in completing this form.[3] For each Form 400-A application, also complete and submit one Form 400-CEQA. If submitting multiple Form 400-A applications for the same project at the same time, only one 400-CEQA form is necessary for the entire project. If you need assistance completing this form, contact Permit Services at (909) 396-3385 (or 2668).

FACILITY INFORMATION

Facility Name: Walnut Creek Energy Park **Facility ID** (6-Digit): _____

Project Description: 500 MW Simple Cycle Power Plant

5 - natural gas fired combustion turbines, 5 cell cooling tower, fire pump engine.

See District copy of AFC for full CEQA details.

REVIEW FOR EXEMPTION FROM FURTHER CEQA ACTION

Check "Yes" or "No" as applicable

	Yes	No	Is this application for:
A.	☒	☐	**A CEQA and/or NEPA document previously or currently prepared that specifically evaluates this project?** If yes, a permit cannot be issued until a Final CEQA document and Notice of Determination is submitted.
B.	☐	☒	**A request for a change of permittee only (without equipment modifications)?**
C.	☐	☒	**A functionally identical permit unit replacement with no increase in rating or emissions?**
D.	☐	☒	**A change of daily VOC permit limit to a monthly VOC permit limit?**
E.	☐	☒	**Equipment damaged as a result of a disaster during state of emergency?**
F.	☐	☒	**A Title V** (i.e., Regulation XXX) **permit renewal (without equipment modifications)?**
G.	☐	☒	**A Title V administrative permit revision?**
H.	☐	☒	**The conversion of an existing permit into an initial Title V permit?**

If **"Yes"** is checked for any question above, your application does not require additional evaluation for CEQA applicability. Skip to page 2, "SIGNATURES" and sign and date this form.

REVIEW OF IMPACTS WHICH MAY TRIGGER CEQA

Complete Sections I-VI by checking "Yes" or "No" as applicable. To avoid delays in processing your application(s), explain all "Yes" responses on a separate sheet and attach it to this form.

	Yes	No	Section I – General
1.	☐	☐	**Has this project generated any known public controversy regarding potential adverse impacts that may be generated by the project?** Controversy may be construed as concerns raised by local groups at public meetings; adverse media attention such as negative articles in newspapers or other periodical publications, local news programs, environmental justice issues, etc.
2.	☐	☐	**Is this project part of a larger project?**
			Section II – Air Quality
3.	☐	☐	**Will there be any demolition, excavating, and/or grading construction activities that encompass an area exceeding 20,000 square feet?**
4.	☐	☐	**Does this project include the open outdoor storage of dry bulk solid materials that could generate dust?** If Yes, include a plot plan with the application package.

[1] A "project" means the whole of an action which has a potential for resulting in physical change to the environment, including construction activities, clearing or grading of land, improvements to existing structures, and activities or equipment involving the issuance of a permit. For example, a project might include installation of a new, or modification of an existing internal combustion engine, dry -cleaning facility, boiler, gas turbine, spray coating booth, solvent cleaning tank, etc.

	Yes	No	
5.	☐	☐	**Would this project result in noticeable off-site odors from activities that may not be subject to SCAQMD permit requirements?** For example, compost materials or other types of greenwaste (i.e., lawn clippings, tree trimmings, etc.) have the potential to generate odor complaints subject to Rule 402 – Nuisance.
6.	☐	☐	**Does this project cause an increase of emissions from marine vessels, trains and/or airplanes?**
7.	☐	☐	**Will the proposed project increase the QUANTITY of hazardous materials stored aboveground onsite or transported by mobile vehicle to or from the site by greater than or equal to the amounts associated with each compound on the attached Table 1?**[4]
			Section III – Water Resources
8.	☐	☐	**Will the project increase demand for water at the facility by more than 5,000,000 gallons per day?** The following examples identify some, but not all, types of projects that may result in a "yes" answer to this question: 1) projects that generate steam; 2) projects that use water as part of the air pollution control equipment; 3) projects that require water as part of the production process; 4) projects that require new or expansion of existing sewage treatment facilities; 5) projects where water demand exceeds the capacity of the local water purveyor to supply sufficient water for the project; and 6) projects that require new or expansion of existing water supply facilities.
9.	☐	☐	**Will the project require construction of new water conveyance infrastructure?** Examples of such projects are when water demands exceed the capacity of the local water purveyor to supply sufficient water for the project, or require new or modified sewage treatment facilities such that the project requires new water lines, sewage lines, sewage hook-ups, etc.
			Section IV – Transportation/Circulation
10.			**Will the project result in** (Check all that apply)**:**
	☐	☐	**a. the need for more than 350 new employees?**
	☐	☐	**b. an increase in heavy-duty transport truck traffic to and/or from the facility by more than 350 truck round-trips per day?**
	☐	☐	**c. increase customer traffic by more than 700 visits per day?**
			Section V – Noise
11.	☐	☐	**Will the project include equipment that will generate noise GREATER THAN 90 decibels (dB) at the property line?**
			Section VI – Public Services
12.			**Will the project create a permanent need for new or additional public services in any of the following areas** (Check all that apply)**:**
	☐	☐	**a. Solid waste disposal?** Check "No" if the projected potential amount of wastes generated by the project is less than five tons per day.
	☐	☐	**b. Hazardous waste disposal?** Check "No" if the projected potential amount of hazardous wastes generated by the project is less than 42 cubic yards per day (or equivalent in pounds).

REMINDER: *For each "Yes" checked in the sections above, attach all pertinent information including but not limited to estimated quantities, volumes, weights, etc.*

SIGNATURES

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT THIS FORM IS A SCREENING TOOL AND THAT THE SCAQMD RESERVES THE RIGHT TO CONSIDER OTHER PERTINENT INFORMATION IN DETERMINING CEQA APPLICABILITY.

SIGNATURE OF RESPONSIBLE OFFICIAL OF FIRM:	TITLE OF RESPONSIBLE OFFICIAL OF FIRM: Regional V.P. Environmental, Health, Safety	
TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM: Thomas J. McCabe, Jr.	RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER: (949) 798-6308	DATE Signed: 11/28/05
SIGNATURE OF PREPARER, IF PREPARED BY PERSON OTHER THAN RESPONSIBLE OFFICIAL OF FIRM: Richard B. Booth	TITLE OF PREPARER: Sr. Consultant/ADI	
TYPE OR PRINT NAME OF PREPARER: Richard B. Booth	PREPARER'S TELEPHONE NUMBER: (530) 474-1893	DATE Signed: 11/28/05

THIS CONCLUDES FORM 400-CEQA. INCLUDE THIS FORM AND THE ATTACHMENTS WITH FORM 400-A.

South Coast Air Quality Management District
P. O. Box 4944
Diamond Bar, CA 91765
(909) 396-2000

Form 400-A must accompany all submittals.

GAS TURBINE
FORM 400 - E - 12
*** Gas Turbine 1 of 5 ***

For:	Change of location, equipment w/expired permit, or change of operator:	ALL other application types: Submit all other information requested and:
Title V Facilities	Complete Sections I, IV, & V	Complete Sections I, II, III, IV, & V
All Other Facilities	Complete Sections I & IV	Complete Sections I, II, III, & IV

Section I - Facility/Application Information

1. Business Name: Walnut Creek Energy, LLC_____ Facility ID: __ __ __ __ __ __
2. The requested application is for a(n): Date of Occurrence: ____/____/____
   a. X New Construction b. ☐ Change of Location
   c. ☐ Modification of Equipment/Process d. ☐ Existing Equipment with Expired Permit
   e. ☐ Existing Equipment Operating without a Permit; Initial Operation Date: ____/____/____
   f. ☐ Change of Condition(s); Specify the change of condition(s) requested:_____
   g. ☐ Change of Operator; List previous name of operator and Facility ID #:_____
3. If equipment has previous written permit, list Permit Number or Device Number(s): NA_____
   a. Write Rule 301 description of this equipment/process: Gas turbine_____
4. Are multiple applications being submitted for similar equipment (as defined in Rule 301) described below?
   ☐ No X Yes; If Yes, Number of Multiple Units: 5_____
5. Have you been issued a Notice to Comply (NTC) or Notice of Violation (NOV) for this equipment?
   X No ☐ Yes; NTC #: _____ NOV #: _____ Issue Date: ____/____/____
6. For New Construction, Modification, or Change of Location:
   Estimated Construction Start Date: 03/01/2007 Estimated Completion Date: 03/01/2008
   For this project, has a California Environmental Quality Act (CEQA) document been required by another governmental agency? ☐ No X Yes, for agency (Provide name): **California Energy Commission**_____
   a. Are you required by another governmental agency to have a permit? ☐ No X Yes, for agency (Provide name) **_SEE APPLICATION DATA AND APPENDICES**
   b. Are any of these permits discretionary? X No ☐ Yes; list: _____
8. Do you claim confidentiality of data? X No ☐ Yes (attach explanation)
9. Is the equipment located within 1,000 feet from the outer boundary of a school? X No ☐ Yes
   (If Yes, complete a. for all public or private school, grade K-12, within a 1/4 mile radius of facility property)
   a. School Name(s):_____Telephone No(s):_____
   School Address(s):_____ School Address(s):_____

Section II - Equipment Information

1. Turbine Manufacturer: General Electric_____ Model No.: LMS-100_____ Serial No.: _____
2. Turbine Size (based on Higher Heating Value):
   Manufacturer Maximum Input Rating: 901 (HHV)_____ MM BTU per hour , _____
   Manufacturer Maximum Output Rating: _____ MM BTU per hour , ~103 MW_____
3. Turbine Function:
   a. ☐ Driving Pump/Compressor d. ☐ Exhaust Heat Recovery
   b. X Electrical Generation e. ☐ Steam Generation
   c. ☐ Emergency Peaking Unit f. ☐ Other (specify): _____
4. Cycle Type:
   a. X Simple Cycle c. ☐ Regenerative Cycle
   b. ☐ Combined Cycle d. ☐ Other (specify): _____
5. Fuel Information (check all that apply):
   a. X Natural Gas e. ☐ Digester Gas*
   b. ☐ Diesel Oil f. ☐ Landfill Gas*
   c. ☐ Propane g. ☐ Other* (specify): _____
   d. ☐ Gasoline
   * If Digester Gas, Landfill Gas, and/or Other are checked, attach fuel analysis indicating all constituents and HHV.

TURN OVER AND COMPLETE

AQMD USE ONLY	APPLICATION/TRACKING #	PROJECT #	TYPE B C D	EQUIPMENT CATEGORY CODE:	FEE SCHEDULE:	VALIDATION
	__ __ __ __ __ __			__ __ __ __ __ __ / __ __	$	
ENG. A R DATE	ENG. A R DATE	CLASS I III IV	ASSIGNMENT UNIT ENGINEER	ENF. SECT.	CHECK/MONEY ORDER #	AMOUNT $

Section III - Operation Information

1. Maximum Rated Full Load Fuel Consumption Rate: _____ gal/hr or 901,000_____ cu.ft/hr
   Average Load: ___ % **SEE APPLICATION DATA AND APPENDICES** @ 901 mmbtu/hr, 1000 btu/scf
3. Is Turbine equipped with exhaust heat recovery steam generator (HRSG)? ☐ Yes X No
   If Yes, supply the size, flow rate, steam output capacity, and temperature profile.
4. Is Turbine equipped with duct burners? ☐ Yes X No
   If Yes, provide burner description, fuel usage, combustion air input, and location of burner(s). Show all heat transfer surface locations with the HRSG and temperature profile.
5. Is duct burner used as air pollution control equipment? **NA** ☐ Yes ☐ No
   If Yes and duct burner is permitted, list Permit Number(s) or Device Number(s) of control equipment:
   _____
   If Yes and duct burner is not permitted, a separate permit is required. Please see Form 400-E-GI for instructions.
6. a. Is Turbine equipped with air pollution control equipment? X Yes ☐ No
   b. If Yes, please explain and list Permit Number(s) or Device Number(s) of control equipment:
   SCR and CO Catalyst_____
   c. Steam/Water Injection? X Yes ☐ No
   Injection Rate: **SEE APPLICATION DATA AND APPENDICES**
   d. Ammonia (NH_3) Injection? X Yes ☐ No
   Injection Rate: **SEE APPLICATION DATA AND APPENDICES**
   e. Combustion Type? **SEE APPLICATION DATA AND APPENDICES** ☐ Tubular ☐ Can-Annular ☐ Annular
   f. Selective Catalytic Reduction (SCR)? X Yes ☐ No
   Reactor Temperature **SEE APPLICATION DATA AND APPENDICES**
   If Yes and SCR is not permitted, a separate permit is required. Please see Form 400-E-GI for instructions.

Section IV - Emission Information

1. Emissions Data:

POLLUTANTS	EMISSIONS BEFORE CONTROL[1] PPM[2]	EMISSIONS BEFORE CONTROL[1] LB/HR	EMISSIONS AFTER CONTROL PPM[2]	EMISSIONS AFTER CONTROL LB/HR
ROG	_____	_____	2_____	- 2.36_____
NOX	_____	_____	2.5_____	- 8.1_____
CO	_____	_____	6.0_____	- 11.9_____
PM	_____	_____	<0.01 GR/DSCF	- 6.0_____
SOX	_____	_____	<2_____	- 0.62_____

[1] BASED ON TEMPERATURE, FUEL CONSUMPTION, AND MW OUTPUT **SEE APPLICATION DATA AND APPENDICES**
[2] DRY AND CORRECTED TO 15% OXYGEN

X MANUFACTURER DATA ATTACHED ☐ EPA EMISSION FACTORS
☐ AQMD EMISSION FACTORS ☐ SOURCE TEST DATA (ATTACH SOURCE TEST RESULTS)

2. STACK OR VENT DATA:
   A. STACK HEIGHT: 90____ FEET 0_____ INCHES C. EXHAUST FLOW RATE: ~905,855 CFM
   B. EXHAUST TEMPERATURE: 740-800 °F D. EXHAUST PRESSURE: _____ INCHES WATER COLUMN
3. Operating Schedule: **SEE APPLICATION DATA AND APPENDICES**
   Max. Hrs/Yr 3,468

Section V - Applicant Certification Statement

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF RESPONSIBLE OFFICIAL OF FIRM:	TITLE OF RESPONSIBLE OFFICIAL OF FIRM: REGIONAL V.P. ENVIRONMENTAL, HEALTH, AND SAFETY	
TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM: THOMAS J. MCCABE, JR.	RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER (949) 798-6308	DATE SIGNED: 11/28/05

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF PREPARER:	TITLE OF PREPARER: SR. CONSULTANT/ADI	
TYPE OR PRINT NAME OF PREPARER: RICHARD B. BOOTH	PREPARER'S TELEPHONE NUMBER (530) 474 - 1893	DATE SIGNED: 11/28/05

Section V- Title V Information: *Fill out if AQMD has identified your facility as a Title V facility*

The requested application involves a(n): (check all that apply)

- **a. ☐ Minor Permit Revision**
  - **☐ Group Processing (check only if applicable)**
- **b. ☐ DeMinimis Significant Permit Revision**
- **c. ☐ Significant Permit Revision**
- **d. ☐ Non-Title V Permit Processing** **(Available until initial Title V permit is issued)**
- **e. ☐ Permit Shield (complete Form 500-D)**
- **f. ☐ Streamlined Permit Conditions**
- **g. ☐ Alternative Operating Scenario (AOS)**
- **h. X Other (specify): Initial T5 Appl. _____**

South Coast Air Quality Management District
P. O. Box 4944
Diamond Bar, CA 91765
(909) 396-2000

Form 400-A must accompany all submittals.

GAS TURBINE
FORM 400 - E - 12
*** Gas Turbine 2 of 5 ***

For:	Change of location, equipment w/expired permit, or change of operator:	ALL other application types: Submit all other information requested and:
Title V Facilities	Complete Sections I, IV, & V	Complete Sections I, II, III, IV, & V
All Other Facilities	Complete Sections I & IV	Complete Sections I, II, III, & IV

Section I - Facility/Application Information

1. Business Name: Walnut Creek Energy, LLC_____ Facility ID: __ __ __ __ __ __
2. The requested application is for a(n): Date of Occurrence: ____/____/____
   a. X New Construction
   b. ☐ Change of Location
   c. ☐ Modification of Equipment/Process
   d. ☐ Existing Equipment with Expired Permit
   e. ☐ Existing Equipment Operating without a Permit; Initial Operation Date: ____/____/____
   f. ☐ Change of Condition(s); Specify the change of condition(s) requested:_____
   g. ☐ Change of Operator; List previous name of operator and Facility ID #:_____
3. If equipment has previous written permit, list Permit Number or Device Number(s): NA_____
   a. Write Rule 301 description of this equipment/process: Gas turbine_____
4. Are multiple applications being submitted for similar equipment (as defined in Rule 301) described below?
   ☐ No X Yes; If Yes, Number of Multiple Units: 5_____
5. Have you been issued a Notice to Comply (NTC) or Notice of Violation (NOV) for this equipment?
   X No ☐ Yes; NTC #: _____ NOV #: _____ Issue Date: ____/____/____
6. For New Construction, Modification, or Change of Location:
   Estimated Construction Start Date: 03/01/2007 Estimated Completion Date: 03/01/2008
   For this project, has a California Environmental Quality Act (CEQA) document been required by another governmental agency? ☐ No X Yes, for agency (Provide name): **California Energy Commission**_____
   a. Are you required by another governmental agency to have a permit? ☐ No X Yes, for agency (Provide name) **_SEE APPLICATION DATA AND APPENDICES**
   b. Are any of these permits discretionary? X No ☐ Yes; list: _____
8. Do you claim confidentiality of data? X No ☐ Yes (attach explanation)
9. Is the equipment located within 1,000 feet from the outer boundary of a school? X No ☐ Yes
   (If Yes, complete a. for all public or private school, grade K-12, within a 1/4 mile radius of facility property)
   a. School Name(s):_____ Telephone No(s):_____
   School Address(s):_____ School Address(s):_____

Section II - Equipment Information

1. Turbine Manufacturer: General Electric_____ Model No.: LMS-100_____ Serial No.: _____
2. Turbine Size (based on Higher Heating Value):
   Manufacturer Maximum Input Rating: 901 (HHV)_____ MM BTU per hour , _____
   Manufacturer Maximum Output Rating: _____ MM BTU per hour , ~103 MW_____
3. Turbine Function:
   a. ☐ Driving Pump/Compressor
   b. X Electrical Generation
   c. ☐ Emergency Peaking Unit
   d. ☐ Exhaust Heat Recovery
   e. ☐ Steam Generation
   f. ☐ Other (specify): _____
4. Cycle Type:
   a. X Simple Cycle
   b. ☐ Combined Cycle
   c. ☐ Regenerative Cycle
   d. ☐ Other (specify): _____
5. Fuel Information (check all that apply):
   a. X Natural Gas
   b. ☐ Diesel Oil
   c. ☐ Propane
   d. ☐ Gasoline
   e. ☐ Digester Gas*
   f. ☐ Landfill Gas*
   g. ☐ Other* (specify): _____

   * If Digester Gas, Landfill Gas, and/or Other are checked, attach fuel analysis indicating all constituents and HHV.

TURN OVER AND COMPLETE

AQMD USE ONLY	APPLICATION/TRACKING #	PROJECT #	TYPE B C D	EQUIPMENT CATEGORY CODE: ___ ___ ___ ___ ___ ___ / ___ ___	FEE SCHEDULE: $	VALIDATION
ENG. A R DATE	ENG. A R DATE	CLASS I III IV	ASSIGNMENT UNIT ENGINEER	ENF. SECT.	CHECK/MONEY ORDER #	AMOUNT $

Section III - Operation Information

1. Maximum Rated Full Load Fuel Consumption Rate: _____ gal/hr or 901,000_____ cu.ft/hr
   Average Load: ___ % **SEE APPLICATION DATA AND APPENDICES** @ 901 mmbtu/hr, 1000 btu/scf
3. Is Turbine equipped with exhaust heat recovery steam generator (HRSG)? ☐ Yes X No
   If Yes, supply the size, flow rate, steam output capacity, and temperature profile.
4. Is Turbine equipped with duct burners? ☐ Yes X No
   If Yes, provide burner description, fuel usage, combustion air input, and location of burner(s). Show all heat transfer surface locations with the HRSG and temperature profile.
5. Is duct burner used as air pollution control equipment? **NA** ☐ Yes ☐ No
   If Yes and duct burner is permitted, list Permit Number(s) or Device Number(s) of control equipment:
   _____
   If Yes and duct burner is not permitted, a separate permit is required. Please see Form 400-E-GI for instructions.
6. a. Is Turbine equipped with air pollution control equipment? X Yes ☐ No
   b. If Yes, please explain and list Permit Number(s) or Device Number(s) of control equipment:
   SCR and CO Catalyst_____
   c. Steam/Water Injection? X Yes ☐ No
   Injection Rate: **SEE APPLICATION DATA AND APPENDICES**
   d. Ammonia (NH_3) Injection? X Yes ☐ No
   Injection Rate: **SEE APPLICATION DATA AND APPENDICES**
   e. Combustion Type? **SEE APPLICATION DATA AND APPENDICES** ☐ Tubular ☐ Can-Annular ☐ Annular
   f. Selective Catalytic Reduction (SCR)? X Yes ☐ No
   Reactor Temperature **SEE APPLICATION DATA AND APPENDICES**
   If Yes and SCR is not permitted, a separate permit is required. Please see Form 400-E-GI for instructions.

Section IV - Emission Information

1. Emissions Data:

POLLUTANTS	EMISSIONS BEFORE CONTROL[1] PPM[2]	EMISSIONS BEFORE CONTROL[1] LB/HR	EMISSIONS AFTER CONTROL PPM[2]	EMISSIONS AFTER CONTROL LB/HR
ROG	_____	_____	2_____	- 2.36_____
NOX	_____	_____	2.5_____	- 8.1_____
CO	_____	_____	6.0_____	- 11.9_____
PM	_____	_____	<0.01 GR/DSCF	- 6.0_____
SOX	_____	_____	<2_____	- 0.62_____

[1] BASED ON TEMPERATURE, FUEL CONSUMPTION, AND MW OUTPUT **SEE APPLICATION DATA AND APPENDICES**
[2] DRY AND CORRECTED TO 15% OXYGEN

X MANUFACTURER DATA ATTACHED ☐ EPA EMISSION FACTORS
☐ AQMD EMISSION FACTORS ☐ SOURCE TEST DATA (ATTACH SOURCE TEST RESULTS)

2. STACK OR VENT DATA:
   A. STACK HEIGHT: 90____ FEET 0_____ INCHES C. EXHAUST FLOW RATE: ~905,855 CFM
   B. EXHAUST TEMPERATURE: 740-800 °F D. EXHAUST PRESSURE: _____ INCHES WATER COLUMN
3. Operating Schedule: **SEE APPLICATION DATA AND APPENDICES**
   Max. Hrs/Yr 3,468

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TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM: THOMAS J. MCCABE, JR.	RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER (949) 798-6308	DATE SIGNED: 11/28/05

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TYPE OR PRINT NAME OF PREPARER: RICHARD B. BOOTH	PREPARER'S TELEPHONE NUMBER (530) 474 - 1893	DATE SIGNED: 11/28/05

Section V- Title V Information: *Fill out if AQMD has identified your facility as a Title V facility*

The requested application involves a(n): (check all that apply)

- **a. ☐ Minor Permit Revision**
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- **b. ☐ DeMinimis Significant Permit Revision**
- **c. ☐ Significant Permit Revision**
- **d. ☐ Non-Title V Permit Processing (Available until initial Title V permit is issued)**
- **e. ☐ Permit Shield (complete Form 500-D)**
- **f. ☐ Streamlined Permit Conditions**
- **g. ☐ Alternative Operating Scenario (AOS)**
- **h. X Other (specify): Initial T5 Appl. _____**

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GAS TURBINE
FORM 400 - E - 12
*** Gas Turbine 3 of 5 ***

For:	Change of location, equipment w/expired permit, or change of operator:	ALL other application types: Submit all other information requested and:
Title V Facilities	Complete Sections I, IV, & V	Complete Sections I, II, III, IV, & V
All Other Facilities	Complete Sections I & IV	Complete Sections I, II, III, & IV

Section I - Facility/Application Information

1. Business Name: Walnut Creek Energy, LLC_____ Facility ID: __ __ __ __ __ __
2. The requested application is for a(n): Date of Occurrence: ____/____/____
   a. X New Construction b. ☐ Change of Location
   c. ☐ Modification of Equipment/Process d. ☐ Existing Equipment with Expired Permit
   e. ☐ Existing Equipment Operating without a Permit; Initial Operation Date: ____/____/____
   f. ☐ Change of Condition(s); Specify the change of condition(s) requested:_____
   g. ☐ Change of Operator; List previous name of operator and Facility ID #:_____
3. If equipment has previous written permit, list Permit Number or Device Number(s): NA_____
   a. Write Rule 301 description of this equipment/process: Gas turbine_____
4. Are multiple applications being submitted for similar equipment (as defined in Rule 301) described below?
   ☐ No X Yes; If Yes, Number of Multiple Units: 5_____
5. Have you been issued a Notice to Comply (NTC) or Notice of Violation (NOV) for this equipment?
   X No ☐ Yes; NTC #: _____ NOV #: _____ Issue Date: ____/____/____
6. For New Construction, Modification, or Change of Location:
   Estimated Construction Start Date: 03/01/2007 Estimated Completion Date: 03/01/2008
   For this project, has a California Environmental Quality Act (CEQA) document been required by another governmental agency? ☐ No X Yes, for agency (Provide name): **California Energy Commission**_____
   a. Are you required by another governmental agency to have a permit? ☐ No X Yes, for agency (Provide name) **SEE APPLICATION DATA AND APPENDICES**
   b. Are any of these permits discretionary? X No ☐ Yes; list: _____
8. Do you claim confidentiality of data? X No ☐ Yes (attach explanation)
9. Is the equipment located within 1,000 feet from the outer boundary of a school? X No ☐ Yes
   (If Yes, complete a. for all public or private school, grade K-12, within a 1/4 mile radius of facility property)
   a. School Name(s):_____ Telephone No(s):_____
   School Address(s):_____ School Address(s):_____

Section II - Equipment Information

1. Turbine Manufacturer: General Electric_____ Model No.: LMS-100_____ Serial No.: _____
2. Turbine Size (based on Higher Heating Value):
   Manufacturer Maximum Input Rating: 901 (HHV)_____ MM BTU per hour , _____
   Manufacturer Maximum Output Rating: _____ MM BTU per hour , ~103 MW_____
3. Turbine Function:
   a. ☐ Driving Pump/Compressor d. ☐ Exhaust Heat Recovery
   b. X Electrical Generation e. ☐ Steam Generation
   c. ☐ Emergency Peaking Unit f. ☐ Other (specify): _____
4. Cycle Type:
   a. X Simple Cycle c. ☐ Regenerative Cycle
   b. ☐ Combined Cycle d. ☐ Other (specify): _____
5. Fuel Information (check all that apply):
   a. X Natural Gas e. ☐ Digester Gas*
   b. ☐ Diesel Oil f. ☐ Landfill Gas*
   c. ☐ Propane g. ☐ Other* (specify): _____
   d. ☐ Gasoline
   * If Digester Gas, Landfill Gas, and/or Other are checked, attach fuel analysis indicating all constituents and HHV.

TURN OVER AND COMPLETE

AQMD USE ONLY	APPLICATION/TRACKING #	PROJECT #	TYPE B C D	EQUIPMENT CATEGORY CODE: ___ ___ ___ ___ ___ ___ / ___ ___	FEE SCHEDULE: $	VALIDATION
ENG. A R DATE	ENG. A R DATE	CLASS I III IV	ASSIGNMENT UNIT ENGINEER	ENF. SECT.	CHECK/MONEY ORDER #	AMOUNT $

Section III - Operation Information

1. Maximum Rated Full Load Fuel Consumption Rate: _____ gal/hr or 901,000_____ cu.ft/hr
   Average Load: ___ % **SEE APPLICATION DATA AND APPENDICES** @ 901 mmbtu/hr, 1000 btu/scf
3. Is Turbine equipped with exhaust heat recovery steam generator (HRSG)? ☐ Yes X No
   If Yes, supply the size, flow rate, steam output capacity, and temperature profile.
4. Is Turbine equipped with duct burners? ☐ Yes X No
   If Yes, provide burner description, fuel usage, combustion air input, and location of burner(s). Show all heat transfer surface locations with the HRSG and temperature profile.
5. Is duct burner used as air pollution control equipment? **NA** ☐ Yes ☐ No
   If Yes and duct burner is permitted, list Permit Number(s) or Device Number(s) of control equipment:
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   c. Steam/Water Injection? X Yes ☐ No
   Injection Rate: **SEE APPLICATION DATA AND APPENDICES**
   d. Ammonia (NH_3) Injection? X Yes ☐ No
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   e. Combustion Type? **SEE APPLICATION DATA AND APPENDICES** ☐ Tubular ☐ Can-Annular ☐ Annular
   f. Selective Catalytic Reduction (SCR)? X Yes ☐ No
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1. Emissions Data:

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   A. STACK HEIGHT: 90____ FEET 0_____ INCHES C. EXHAUST FLOW RATE: ~905,855 CFM
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   Max. Hrs/Yr 3,468

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TYPE OR PRINT NAME OF PREPARER: RICHARD B. BOOTH	PREPARER'S TELEPHONE NUMBER (530) 474 - 1893	DATE SIGNED: 11/28/05

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GAS TURBINE
FORM 400 - E - 12
*** Gas Turbine 4 of 5 ***

For:	Change of location, equipment w/expired permit, or change of operator:	ALL other application types: Submit all other information requested and:
Title V Facilities	Complete Sections I, IV, & V	Complete Sections I, II, III, IV, & V
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Section I - Facility/Application Information

1. Business Name: Walnut Creek Energy, LLC_____ Facility ID: __ __ __ __ __ __
2. The requested application is for a(n): Date of Occurrence: ____/____/____
   a. X New Construction
   b. ☐ Change of Location
   c. ☐ Modification of Equipment/Process
   d. ☐ Existing Equipment with Expired Permit
   e. ☐ Existing Equipment Operating without a Permit; Initial Operation Date: ____/____/____
   f. ☐ Change of Condition(s); Specify the change of condition(s) requested:_____
   g. ☐ Change of Operator; List previous name of operator and Facility ID #:_____
3. If equipment has previous written permit, list Permit Number or Device Number(s): NA_____
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   ☐ No X Yes; If Yes, Number of Multiple Units: 5_____
5. Have you been issued a Notice to Comply (NTC) or Notice of Violation (NOV) for this equipment?
   X No ☐ Yes; NTC #: _____ NOV #: _____ Issue Date: ____/____/____
6. For New Construction, Modification, or Change of Location:
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   a. Are you required by another governmental agency to have a permit? ☐ No X Yes, for agency (Provide name) **_SEE APPLICATION DATA AND APPENDICES**
   b. Are any of these permits discretionary? X No ☐ Yes; list: _____
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9. Is the equipment located within 1,000 feet from the outer boundary of a school? X No ☐ Yes
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5. Fuel Information (check all that apply):
   a. X Natural Gas
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   d. ☐ Gasoline
   e. ☐ Digester Gas*
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TURN OVER AND COMPLETE

AQMD USE ONLY	APPLICATION/TRACKING #	PROJECT #	TYPE B C D	EQUIPMENT CATEGORY CODE: ___ ___ ___ ___ ___ / ___	FEE SCHEDULE: $	VALIDATION
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Section III - Operation Information

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☐ AQMD EMISSION FACTORS
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   A. STACK HEIGHT: 90____ FEET 0_____ INCHES
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TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM: THOMAS J. MCCABE, JR.	RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER (949) 798-6308	DATE SIGNED: 11/28/05

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TYPE OR PRINT NAME OF PREPARER: RICHARD B. BOOTH	PREPARER'S TELEPHONE NUMBER (530) 474 - 1893	DATE SIGNED: 11/28/05

Section V- Title V Information: *Fill out if AQMD has identified your facility as a Title V facility*

The requested application involves a(n): (check all that apply)

- **a. ☐ Minor Permit Revision**
  - **☐ Group Processing (check only if applicable)**
- **b. ☐ DeMinimis Significant Permit Revision**
- **c. ☐ Significant Permit Revision**
- **d. ☐ Non-Title V Permit Processing (Available until initial Title V permit is issued)**
- **e. ☐ Permit Shield (complete Form 500-D)**
- **f. ☐ Streamlined Permit Conditions**
- **g. ☐ Alternative Operating Scenario (AOS)**
- **h. X Other (specify): Initial T5 Appl. _____**

South Coast Air Quality Management District
P. O. Box 4944
Diamond Bar, CA 91765
(909) 396-2000

Form 400-A must accompany all submittals.

GAS TURBINE
FORM 400 - E - 12
*** Gas Turbine 5 of 5 ***

For:	Change of location, equipment w/expired permit, or change of operator:	ALL other application types: Submit all other information requested and:
Title V Facilities	Complete Sections I, IV, & V	Complete Sections I, II, III, IV, & V
All Other Facilities	Complete Sections I & IV	Complete Sections I, II, III, & IV

Section I - Facility/Application Information

1. Business Name: Walnut Creek Energy, LLC_____ Facility ID: __ __ __ __ __ __
2. The requested application is for a(n): Date of Occurrence: ____/____/____
   a. X New Construction b. ☐ Change of Location
   c. ☐ Modification of Equipment/Process d. ☐ Existing Equipment with Expired Permit
   e. ☐ Existing Equipment Operating without a Permit; Initial Operation Date: ____/____/____
   f. ☐ Change of Condition(s); Specify the change of condition(s) requested:_____
   g. ☐ Change of Operator; List previous name of operator and Facility ID #:_____
3. If equipment has previous written permit, list Permit Number or Device Number(s): NA_____
   a. Write Rule 301 description of this equipment/process: Gas turbine_____
4. Are multiple applications being submitted for similar equipment (as defined in Rule 301) described below?
   ☐ No X Yes; If Yes, Number of Multiple Units: 5_____
5. Have you been issued a Notice to Comply (NTC) or Notice of Violation (NOV) for this equipment?
   X No ☐ Yes; NTC #: _____ NOV #: _____ Issue Date: ____/____/____
6. For New Construction, Modification, or Change of Location:
   Estimated Construction Start Date: 03/01/2007 Estimated Completion Date: 03/01/2008
   For this project, has a California Environmental Quality Act (CEQA) document been required by another governmental agency? ☐ No X Yes, for agency (Provide name): **California Energy Commission**_____
   a. Are you required by another governmental agency to have a permit? ☐ No X Yes, for agency (Provide name) **SEE APPLICATION DATA AND APPENDICES**
   b. Are any of these permits discretionary? X No ☐ Yes; list: _____
8. Do you claim confidentiality of data? X No ☐ Yes (attach explanation)
9. Is the equipment located within 1,000 feet from the outer boundary of a school? X No ☐ Yes
   (If Yes, complete a. for all public or private school, grade K-12, within a 1/4 mile radius of facility property)
   a. School Name(s):_____ Telephone No(s):_____
   School Address(s):_____ School Address(s):_____

Section II - Equipment Information

1. Turbine Manufacturer: General Electric_____ Model No.: LMS-100_____ Serial No.: _____
2. Turbine Size (based on Higher Heating Value):
   Manufacturer Maximum Input Rating: 901 (HHV)_____ MM BTU per hour , _____
   Manufacturer Maximum Output Rating: _____ MM BTU per hour , ~103 MW_____
3. Turbine Function:
   a. ☐ Driving Pump/Compressor d. ☐ Exhaust Heat Recovery
   b. X Electrical Generation e. ☐ Steam Generation
   c. ☐ Emergency Peaking Unit f. ☐ Other (specify): _____
4. Cycle Type:
   a. X Simple Cycle c. ☐ Regenerative Cycle
   b. ☐ Combined Cycle d. ☐ Other (specify): _____
5. Fuel Information (check all that apply):
   a. X Natural Gas e. ☐ Digester Gas*
   b. ☐ Diesel Oil f. ☐ Landfill Gas*
   c. ☐ Propane g. ☐ Other* (specify): _____
   d. ☐ Gasoline
   * If Digester Gas, Landfill Gas, and/or Other are checked, attach fuel analysis indicating all constituents and HHV.

TURN OVER AND COMPLETE

AQMD USE ONLY	APPLICATION/TRACKING #	PROJECT #	TYPE B C D	EQUIPMENT CATEGORY CODE: ___/___	FEE SCHEDULE: $	VALIDATION
ENG. A R DATE	ENG. A R DATE	CLASS I III IV	ASSIGNMENT UNIT ENGINEER	ENF. SECT.	CHECK/MONEY ORDER #	AMOUNT $

Section III - Operation Information

1. Maximum Rated Full Load Fuel Consumption Rate: _____ gal/hr or 901,000_____ cu.ft/hr @ 901 mmbtu/hr, 1000 btu/scf
   Average Load: ___ % **SEE APPLICATION DATA AND APPENDICES**
3. Is Turbine equipped with exhaust heat recovery steam generator (HRSG)? ☐ Yes X No
   If Yes, supply the size, flow rate, steam output capacity, and temperature profile.
4. Is Turbine equipped with duct burners? ☐ Yes X No
   If Yes, provide burner description, fuel usage, combustion air input, and location of burner(s). Show all heat transfer surface locations with the HRSG and temperature profile.
5. Is duct burner used as air pollution control equipment? **NA** ☐ Yes ☐ No
   If Yes and duct burner is permitted, list Permit Number(s) or Device Number(s) of control equipment:
   _____
   If Yes and duct burner is not permitted, a separate permit is required. Please see Form 400-E-GI for instructions.
6. a. Is Turbine equipped with air pollution control equipment? X Yes ☐ No
   b. If Yes, please explain and list Permit Number(s) or Device Number(s) of control equipment:
   SCR and CO Catalyst_____
   c. Steam/Water Injection? X Yes ☐ No
   Injection Rate: **SEE APPLICATION DATA AND APPENDICES**
   d. Ammonia (NH_3) Injection? X Yes ☐ No
   Injection Rate: **SEE APPLICATION DATA AND APPENDICES**
   e. Combustion Type? **SEE APPLICATION DATA AND APPENDICES** ☐ Tubular ☐ Can-Annular ☐ Annular
   f. Selective Catalytic Reduction (SCR)? X Yes ☐ No
   Reactor Temperature **SEE APPLICATION DATA AND APPENDICES**
   If Yes and SCR is not permitted, a separate permit is required. Please see Form 400-E-GI for instructions.

Section IV - Emission Information

1. Emissions Data:

POLLUTANTS	EMISSIONS BEFORE CONTROL[1] PPM[2]	EMISSIONS BEFORE CONTROL[1] LB/HR	EMISSIONS AFTER CONTROL PPM[2]	EMISSIONS AFTER CONTROL LB/HR
ROG	_____	_____	2_____	- 2.36_____
NOX	_____	_____	2.5_____	- 8.1_____
CO	_____	_____	6.0_____	- 11.9_____
PM	_____	_____	<0.01 GR/DSCF	- 6.0_____
SOX	_____	_____	<2_____	- 0.62_____

[1] BASED ON TEMPERATURE, FUEL CONSUMPTION, AND MW OUTPUT
[2] DRY AND CORRECTED TO 15% OXYGEN

SEE APPLICATION DATA AND APPENDICES

X MANUFACTURER DATA ATTACHED ☐ EPA EMISSION FACTORS
☐ AQMD EMISSION FACTORS ☐ SOURCE TEST DATA (ATTACH SOURCE TEST RESULTS)

2. STACK OR VENT DATA:
   A. STACK HEIGHT: 90____ FEET 0_____ INCHES C. EXHAUST FLOW RATE: ~905,855 CFM
   B. EXHAUST TEMPERATURE: 740-800 °F D. EXHAUST PRESSURE: _____ INCHES WATER COLUMN
3. Operating Schedule: **SEE APPLICATION DATA AND APPENDICES**
   Max. Hrs/Yr 3,468

Section V - Applicant Certification Statement

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF RESPONSIBLE OFFICIAL OF FIRM:	TITLE OF RESPONSIBLE OFFICIAL OF FIRM: REGIONAL V.P. ENVIRONMENTAL, HEALTH, AND SAFETY	
TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM: THOMAS J. MCCABE, JR.	RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER (949) 798-6308	DATE SIGNED: 11/28/05

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF PREPARER:	TITLE OF PREPARER: SR. CONSULTANT/ADI	
TYPE OR PRINT NAME OF PREPARER: RICHARD B. BOOTH	PREPARER'S TELEPHONE NUMBER (530) 474 - 1893	DATE SIGNED: 11/28/05

Section V- Title V Information: *Fill out if AQMD has identified your facility as a Title V facility*

The requested application involves a(n): (check all that apply)

- **a. ☐ Minor Permit Revision**
  - **☐ Group Processing (check only if applicable)**
- **b. ☐ DeMinimis Significant Permit Revision**
- **c. ☐ Significant Permit Revision**
- **d. ☐ Non-Title V Permit Processing (Available until initial Title V permit is issued)**
- **e. ☐ Permit Shield (complete Form 500-D)**
- **f. ☐ Streamlined Permit Conditions**
- **g. ☐ Alternative Operating Scenario (AOS)**
- **h. X Other (specify): Initial T5 Appl. ____**

South Coast Air Quality Management District
P. O. Box 4944
Diamond Bar, CA 91765
(909) 396-2000

Form 400-A must accompany all submittals.

INTERNAL COMBUSTION ENGINE
FORM 400 - E - 13
Fire Pump

For:	Change of location, equipment w/expired permit, or change of operator:	ALL other application types: Submit all other information requested and:
Title V Facilities	Complete Sections I, IV, & V	Complete Sections I, II, III, IV, & V
All Other Facilities	Complete Sections I & IV	Complete Sections I, II, III, & IV

Section I - Facility/Application Information

1. Business Name: Walnut Creek Energy, LLC_____ Facility ID: __ __ __ __ __ __
2. The requested application is for a(n): Date of Occurrence: ____/____/____
   a. X New Construction b. ☐ Change of Location
   c. ☐ Modification of Equipment/Process d. ☐ Existing Equipment with Expired Permit
   e. ☐ Existing Equipment Operating without a Permit; Initial Operation Date: ____/____/____
   f. ☐ Change of Condition(s); Specify the change of condition(s) requested:_____
   g. ☐ Change of Operator; List previous name of operator and Facility ID #:_____
3. If equipment has previous written permit, list Permit Number or Device Number(s): N/A_____
   a. Write Rule 301 description of this equipment/process: IC Engine,Emergency,51-500HP_____
4. Are multiple applications being submitted for similar equipment (as defined in Rule 301) described below?
   X No ☐ Yes; If Yes, Number of Multiple Units: _____
5. Have you been issued a Notice to Comply (NTC) or Notice of Violation (NOV) for this equipment?
   X No ☐ Yes; NTC #: _____ NOV #: _____ Issue Date: ____/____/____
6. For New Construction, Modification, or Change of Location:
   Estimated Construction Start Date: 03/01/2007 Estimated Completion Date: 03/01/2008
7. For this project, has a California Environmental Quality Act (CEQA) document been required by another governmental agency? ☐ No X Yes, for agency (Provide name): **California Energy Commission**_____
   a. Are you required by another governmental agency to have a permit? ☐ No X Yes, for agency (Provide name) **SEE APPLICATION DATA AND APPENDICES**
   b. Are any of these permits discretionary? X No ☐ Yes; list: _____
8. Do you claim confidentiality of data? X No ☐ Yes (attach explanation)
9. Is the equipment located within 1,000 feet from the outer boundary of a school? X No ☐ Yes
   (If Yes, complete a. for all public or private school, grade K-12, within a 1/4 mile radius of facility property)
   a. School Name(s):_____Telephone No(s):_____
   School Address(s):_____

Section II - Equipment Information

1. What type of permit is requested?:
   X Normal AQMD Permit
   ☐ Non-Road or Qualifying Portable Engine (as defined in Rule 301)
2. Internal Combustion Engine (ICE) Type:
   a. X Emergency b. ☐ Non-emergency
3. Equipment Manufacturer: Clarke_____ Model No.: JW6H-UF40_____ Serial No.: Unk_____
4. Engine Manufacture Date: ____/____/____ (for units manufactured after 7/18/94 please provide manufacturer's documentation) **see attached**
5. ICE Size (Manufacturer Maximum Rating): 300 BHP @ 2350 RPM (6 cylinders)
6. ICE Function (check all that apply):
   a. ☐ Electrical Generator
   b. ☐ Compressor Driver
   c. ☐ Cogeneration (describe on separate sheet of paper)
   d. X Fire Pump
   e. ☐ Flood Control
   f. ☐ Pump Driver
   g. ☐ Rental
   h. ☐ Portable
   i. ☐ Other (specify): _____

   If ICE is a Fire Pump Driver, is ICE Underwriters Laboratories (U.L.) listed? **Unk** ☐ Yes ☐ No

TURN OVER AND COMPLETE

AQMD USE ONLY	APPLICATION/TRACKING #	PROJECT #	TYPE B C D	EQUIPMENT CATEGORY CODE:	FEE SCHEDULE:	VALIDATION
	__ __ __ __ __ __			__ __ __ __ __ __/__ __	$	
ENG. A R DATE	ENG. A R DATE	CLASS I III IV	ASSIGNMENT UNIT ENGINEER	ENF. SECT.	CHECK/MONEY ORDER #	AMOUNT $

7. Fuel Information (check all that apply): Air to Fuel Ratio: 40.97_____
   a. ☐ Natural Gas
   b. X Diesel Oil
   c. ☐ Propane
   d. ☐ Gasoline
   e. ☐ Digester Gas*
   f. ☐ Landfill Gas*
   g. ☐ Other* (specify): _____

*If Digester Gas, Landfill Gas, and/or Other are checked, attach fuel analysis indicating higher heating value and sulfur content).

8. Cycle Type: a. ☐ Two Cycle b. X Four Cycle
9. Combustion Type: a. X Lean Burn b. ☐ Rich Burn
10. Aspiration Type:
   a. ☐ Turbocharged
   b. X Turbocharged/Aftercooled
   c. ☐ Naturally Aspirated
   d. ☐ Timing Retarded ≥ 4° (relative to standard timing)

Section III - Operation Information

1. Fuel Consumption Rate:
   a. Maximum Rated Load: 14.5_____ gal/hr or _____ cu. ft/hr
   b. Average Load: 14.5_____ gal/hr or _____ cu. ft/hr
2. Is ICE connected to Emission Control Device? ☐ Yes X No
   If Yes and permitted, provide SCAQMD Permit # or Device #(s) of control equipment:_____
   If Yes and unpermitted, describe below by including type of control equipment, manufacturer, and model number. Attach manufacturer's catalog and manufacturer's guarantee of emissions after the control device and/or control efficiency:

   _____

   _____

   _____

3. Emissions Data:

Pollutants	Maximum Emissions before control gm/bhp-hr	PPM[1]	lb/hour	Maximum Emissions after control, if applicable gm/bhp-hr	PPM[1]	lb/hour
ROG	0.15		0.1			
NOx	5.2		3.44			
CO	0.27		0.18			
PM	0.09		0.06			
SOx	0.0055		0.004 (assumes diesel fuel at <=0.05% S wt)			

   X Manufacturer Emission Data Attached
   ☐ AQMD Emission Factors
   ☐ EPA Emission Factors
   ☐ Source Test Data (attach Source Test results)
   [1] Dry and corrected to 15% oxygen
4. Stack or Vent Data:
   Exhaust Temperature: ~738_____ °F
   Exhaust Flow Rate: ~2058_____ cfm
   Exhaust Pressure: _____ inches water column
   Oxygen Level: ~13.6_____ %
5. Operating Schedule: weeks/year _____ days/week _____
   Max. Hrs/Yr <= 52 Average Hrs. _____
6. X For emergency ICEs only, indicate hours operated annually for testing and maintenance: <= 52 hours/year

Section IV - Applicant Certification Statement

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF RESPONSIBLE OFFICIAL OF FIRM:

TITLE OF RESPONSIBLE OFFICIAL OF FIRM: REGIONAL V.P. ENVIRONMENTAL, HEALTH, AND SAFETY

TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM: THOMAS J. MCCABE, JR.

RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER: (949) 798-6308

DATE SIGNED: 11/28/05

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF PREPARER:

TITLE OF PREPARER: SR. CONSULTANT/ADI

TYPE OR PRINT NAME OF PREPARER: RICHARD B. BOOTH

PREPARER'S TELEPHONE NUMBER: (530) 474-1893

DATE SIGNED: 11/28/05

Section V- Title V Information: *Fill out if AQMD has identified your facility as a Title 9V facility*

The requested application involves a(n): (check all that apply)

- **a. ☐ Minor Permit Revision**
  - **☐ Group Processing (check only if applicable)**
- **b. ☐ DeMinimis Significant Permit Revision**
- **c. ☐ Significant Permit Revision**
- **d. ☐ Non-Title V Permit Processing**
  (Available until initial Title V permit is issued)
- **e. ☐ Permit Shield (complete Form 500-D)**
- **f. ☐ Streamlined Permit Conditions**
- **g. ☐ Alternative Operating Scenario (AOS)**
- **h. X Other (specify): Initial T5 Appl. _____**

South Coast Air Quality Management District
P. O. Box 4944
Diamond Bar, CA 91765
(909) 396- 2000

GENERAL INFORMATION SUMMARY
FORM 400-E-GI

The following data, specifications, plans, and drawings must be submitted with each application for Permit to Construct and/or Permit to Operate. Also, if a Form 400-E-xx does not exist for a specific piece of equipment, then the information requested in this Form shall be submitted in its place.

1. EQUIPMENT/PROCESS LOCATION DRAWING

The drawing or sketch shall be submitted to scale (suggested scale: 1 inch = 100 feet; accuracy of measurements to the nearest 5 feet will be satisfactory) and shall show at least the following:

a. The property involved and outlines and heights of all buildings on it. Identify property lines plainly.
b. Location and identification of the proposed equipment on the property.
c. Property location with respect to public and private streets, and all adjacent properties. Show surrounding property owners and uses within 600 feet radius of property. Identify all buildings (as residence, apartment house, machine shop, warehouse, etc.) specifying height of each building (number of stories). Indicate direction (north) on the drawing. Identify schools which have their outer boundaries located within 1000 feet of the equipment. **SEE APPLICATION DATA AND APPENDICES**

2. EQUIPMENT DESCRIPTION

Provide detailed description of equipment, including but not limited to, function, make, model, dimensions, size, and maximum capacity. Attach manufacturer's catalog or brochure, if available. **SEE APPLICATION DATA AND APPENDICES**

3. PROCESS DESCRIPTION

Provide a general description of each process line (i.e., the process to be carried out by the equipment) or the function of the equipment with respect to a process line. The descriptions must be complete and detailed. Explain all stages in the process where there may be a discharge of emissions to the atmosphere. Supply all obtainable data regarding the nature, volumes, particle sizes, weights, and concentrations of all types of air contaminants that may be discharged at each stage in the process. Similarly, control procedures must be described in sufficient detail to show the extent of the control of air contaminants anticipated, including the expected control efficiency. **SEE APPLICATION DATA AND APPENDICES**

4. OPERATING SCHEDULE

Specify the average and maximum number of hours per day, days per week, days per month, and weeks per year the equipment/process is to be operated. **SEE APPLICATION DATA AND APPENDICES**

5. PROCESS RATE

On the basis of pounds per hour, or other specified unit of time, indicate the type and total weight of each material charged into the equipment or the process. Include Material Data Safety Sheets (MSDS), when applicable. **SEE APPLICATION DATA AND APPENDICES**

6. FUELS AND BURNERS USED

a. For fuel gas, indicate the type and average and maximum cubic feet per hour burned. Except for natural gas, attach fuel gas analysis. **SEE APPLICATION DATA AND APPENDICES**
b. For fuel oil, indicate grade and average and maximum gallons per hour burned. Also, indicate the sulfur content of fuel oil. **SEE APPLICATION DATA AND APPENDICES**
c. For solid fuels, indicate the type and average and maximum pounds per hour burned. Also, attach fuel analysis. **NA**
d. For burners, indicate the make, model, size, type, number of burners, and capacity of each burner. **SEE APPLICATION DATA AND APPENDICES**

7. FLOW DIAGRAM

The diagram should illustrate the flow of materials processed or burned either on a separate flow diagram or on the drawings accompanying the application. Show all venting of equipment (see instruction # 9). **SEE APPLICATION DATA AND APPENDICES**

8. DRAWINGS OF EQUIPMENT/PROCESS

Supply an assembly drawing, dimensioned and to scale, in plan, elevation and as many sections as are needed to clearly show the design and operation of the equipment/process and the means by which air contaminants are controlled. The following must be shown:

a. Locations, size, and shape of the equipment. Show exterior and interior dimensions and features.
b. Locations, size, and shape details of all features which may affect the production, collection, conveyance, or control of any air contaminant. This includes the size of pressure relief devices.
c. All data and calculations used in selecting or designing the equipment/process.
SEE APPLICATION DATA AND APPENDICES FOR A. THROUGH C.

NOTE: ***Structural design calculations and details are not required. When standard commercial equipment is to be installed, the manufacturer's catalog describing the equipment may be submitted in lieu of the above items. All information required above which the catalog does not include must be submitted by the applicant.***

9. DRAWINGS OF THE EXHAUST SYSTEM

Supply drawing(s) clearly showing all ductwork and the connection between air pollution generating (basic) and control equipment. Show all of the following details which apply, using auxiliary drawings, if necessary: **SEE APPLICATION DATA AND APPENDICES FOR A. THROUGH H.**

a. Sizes and shapes of all hoods. Show accurately where and how the hood fits over the spot or area where air contaminants are generated or discharged. Show all openings clearly.
b. Diameters or cross-sectional dimensions and lengths of all branch and main ducts.
c. Locations, sizes and shapes of all bends, junctions and transition pieces.
d. Locations, sizes and shapes of all passageways other than ordinary ducts. Also show all cooling devices (spray chambers, heat exchangers, cooling columns, etc.).
e. Locations and descriptions of all dampers, baffles, and similar controls.
f. Locations of any by-passes around the control equipment. Describe how operated, stating under what conditions and for what lengths of time these by-passes are to be used.
g. Locations of all fans or blowers.
h. Location of control equipment and vent(s).

10. STACK/EXHAUST EMISSIONS DATA

Provide emissions data at each source. Include the following information:

a. The maximum mass emission rates (mass per hour) and stack concentrations of all air pollutants. Include emission calculations if available. **SEE APPLICATION DATA AND APPENDICES**
b. Stack diameter. **SEE APPLICATION DATA AND APPENDICES**
c. Stack height above ground level. **SEE APPLICATION DATA AND APPENDICES**
d. Exhaust temperature. **SEE APPLICATION DATA AND APPENDICES**
e. Exhaust flow rate (volumetric). **SEE APPLICATION DATA AND APPENDICES**

11. AIR QUALITY IMPACT

Provide an analysis of the air quality impact (including risk assessment) in accordance with specific AQMD requirements. Procedures for preparing air quality impact analysis, including screening analyses are available from the AQMD. **SEE APPLICATION DATA AND APPENDICES**

12. GENERAL PERMITTING INFORMATION

Further information or clarification concerning permits can be obtained by writing or calling:

SCAQMD
21865 E. Copley Dr.
Diamond Bar, CA 91765
(909) 396 - 2000

Date: 11/28/05

Thomas J. McCabe, Jr. Regional V.P. Environmental, Health, and Safety

Title V
Form 500-A2

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Application Certification

Section I - Facility Information

1. Facility Name: WALNUT CREEK ENERGY PARK Facility ID (6-Digit): _____
2. This Certification is submitted with a (Check one):
   a. ☒ Title V Application (Initial, Revision, Renewal)
   b. ☐ Supplement/Correction to a Title V Application
   c. ☐ MACT Part 2 Application
3. Is Form 500-C2 included with this Certification? a. ☐ Yes b. ☒ No

Section II - Responsible Official Certification Statement

I certify under penalty of law that I am the responsible official for this facility as defined in AQMD Regulation XXX and that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attached application forms and other materials are true, accurate, and complete. You must select item 3A or 3B.

Read each statement carefully and check each that applies.

1. For Initial, Permit Renewal, or Administrative Change Application Certifications:

a. ☒ The facility, including equipment that are exempt from written permit per Rule 219, is currently operating and will continue to operate in compliance with all applicable requirement(s) identified in Section II and Section III of Form 500-C1,

i. ☐ except for those requirements that do not specifically pertain to such devices or equipment and that have been identified as "Remove" on Section III of Form 500-C1.

ii. ☐ except for those devices or equipment that have been identified on the completed and attached Form 500-C2 that will not be operating in compliance with the specified applicable requirement(s).

b. ☒ The facility, including equipment that are exempt from written permit per Rule 219, will meet in a timely manner, all applicable requirements with future effective dates.

2. For Permit Revision Application Certifications:

a. ☐ The equipment or devices to which this permit revision applies, will in a timely manner comply with all applicable requirements identified in Section II and Section III of Form 500-C1.

3. For MACT Hammer Certifications:

a. ☐ The facility is subject to Section 112(j) of the Clean Air Act (Subpart B of 40 CFR part 63), also known as the MACT "hammer." (If Part 1 Notification has not been submitted, complete 500-MACT and submit with this form.)

b. ☒ The facility is not subject to Section 112(j) of the Clean Air Act (Subpart B of 40 CFR part 63).

Signature of Responsible Official	11/28/05 Date
Thomas J. McCabe, Jr. Type or Print Name of Responsible Official	(949) 798-6308 Phone
Regional V.P. Environmental, Health, And Safety Title of Responsible Official	(949) 225-2762 Fax
18101 Von Karman Ave., Suite 1700 Address of Responsible Official	Irvine City CA State 92612 Zip Code

Acid Rain Facilities Only: Turn page over & complete Section III

Acid Rain facilities must certify their compliance status of the devices subject to applicable requirements under Title IV by an individual who meets the definition of Designated (or Alternate) Representative in 40 CFR Part 72.

Section III - Designated Representative Certification Statement			
1. *For Acid Rain Facilities Only*: I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.			
Signature of Designated Representative or Alternate		11/28/05 Date	
Thomas J. McCabe, Jr. Type or Print Name of Designated Representative or Alternate		(949) 798-6308 Phone	
Regional V.P. Environmental, Health, And Safety Title of Designated Representative or Alternate		(949) 225-2762 Fax	
18101 Von Karman Ave., Suite 1700 Address of Designated Representative or Alternate	Irvine City	CA State	92612 Zip Code

Title V
Form 500-B

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
List of Exempt Equipment

se this form for all application submittals requesting an initial Title V permit or permit renewal. If you are applying for a permit revision, you may also use this form to have your exempt equipment listing updated prior to renewing your permit.

This form is designed to summarize all of the equipment at a facility that is exempt from AQMD permit requirements (e.g., I.C. Engines ≤ 50 BHP, Boilers < 2 MM BTU/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 identified on the back of this form or the Technical Guidance Document need not be listed on this form. Note: If your facility is in the RECLAIM program, it is <u>not</u> necessary to repeat any equipment currently listed in Appendix A of the RECLAIM permit.

Facility Name: Walnut Creek Energy Park

Check box if facility is in RECLAIM program: ☒ Facility ID (6-Digit): _____

Provide Current Permit Issue Date (mo/day/yr): _____ Permit Revision No.: _____

Section I - Summary of Equipment Exempt from Permit Requirements (Including Portable)

Exempt Equipment Description [e.g., Small Boilers (75,000 BTU/hr-2,000,000 BTU/hr)]	Venting to Control Device Number	Control Device Description	Basis for Exemption [e.g., Rule 219 (b)(2), 05/19/00]	Source Specific Rule [e.g. Rule 1146.2]
5-Cell Cooling Tower	NA	High Eff Drift Elims	R219 (e)(3)	NA

Trivial Activities	
• Combustion emissions from propulsion of mobile sources, except for vessel emissions from Outer Continental Shelf sources	• Fugitive emission related to movement of passenger vehicles, provided any required fugitive dust control plan or its equivalent is submitted
• Air-conditioning units used for human comfort that do not have applicable requirements under Title VI of the Act	• Process water filtration systems and demineralizers
• Ventilating units used for human comfort that do not exhaust air pollutants into the ambient air from any manufacturing/industrial or commercial process	• Demineralized water tanks and demineralizer vents Air compressors and pneumatically operated equipment, including hand tools
• Non-commercial food preparation	• Batteries and battery charging stations, except at battery manufacturing plants
• Consumer use of office equipment and products, not including printers or businesses primarily involved in photographic reproduction	• Storage tanks, vessels and containers holding or storing liquid substances that will not emit any VOC or HAP[5]
• Janitorial services and consumer use of janitorial products	• 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
• Internal combustion engines used for landscaping purposes	• Equipment used to mix and package soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized
• Laundry activities, except for dry-cleaning and steam boilers	• Drop hammers or hydraulic presses for forging or metalworking
• Bathroom/toilet vent emissions	• 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
• Emergency (backup) electrical generators at residential locations	• Vents from continuous emissions monitors and other analyzers
• Tobacco smoking rooms and areas	• Natural gas pressure regulator vents, excluding venting at oil and gas production facilities
• Blacksmith forges	• Hand-held applicator equipment for hot melt adhesives with no VOC in the adhesive formulation
• Plant maintenance and upkeep activities (e.g., grounds-keeping, general repairs, cleaning, painting, 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[1]	• Equipment used for surface coating, painting, dipping or spraying operations, except those that will emit VOC or HAP
• 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	• CO_2 lasers, used only on metals and other materials which do not emit HAP in the process
• Portable electrical generators that can be moved by hand from one location to another[2]	• Consumer use of paper trimmers/binders
• Hand-held equipment for buffing, polishing, cutting, drilling, sawing, grinding, turning or machining wood, metal or plastic	• 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
• Brazing, soldering and welding equipment, and cutting torches related to manufacturing and construction activities that do not result in emission of HAP metals[3]	• Salt baths using nonvolatile salts that do not result in emissions of any regulated air pollutants
• Bench-scale laboratory equipment used for physical or chemical analysis, but not lab fume hoods or vents[4]	• Laser trimmers using dust collection to prevent fugitive emissions
• Routine calibration and maintenance of laboratory equipment or other analytical instruments	• Boiler water treatment operations, not including cooling towers
• Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis	• Oxygen scavenging (de-aeration) of water
• Hydraulic and hydrostatic testing equipment	• Ozone generators
• Environmental chambers not using hazardous air pollutant (HAP) gasses	• Fire suppression systems
• Shock chambers	• Emergency road flares
• Humidity chambers	• Steam vents and safety relief valves
• Solar simulators	• Steam leaks
	• Steam cleaning operations
	• Steam sterilizers

[1] Cleaning and painting activities qualify as trivial if they are not subject to VOC or HAP control requirements. Asphalt batch plant owners/operators must still get a permit if otherwise required.

[2] "Moved by hand" means it can be moved without the assistance of any motorized or non-motorized vehicle, conveyance or device.

[3] Brazing, soldering and welding equipment, and cutting torches related to manufacturing and construction activities that emit HAP metals are more appropriate for treatment as unpermitted equipment. Brazing, soldering, welding and cutting torches directly related to plant maintenance and upkeep and repair or maintenance shop activities that emit HAP metals are treated as trivial and listed separately in this appendix.

[4] Many lab fume hoods or vents might qualify for treatment as unpermitted equipment.

[5] Exemptions for storage tanks containing petroleum liquids or other volatile organic liquids should be based on size limits such as storage tank capacity and vapor pressure of liquids stored and are not appropriate for this list.

Title V
Form 500-C1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Compliance Status Report

o provide the compliance status of your facility with applicable federally enforceable requirements and identify other localonly requirements, complete this form and attach it to a ompleted compliance certification Form 500-A2. As appropriate, all submittals of Form 500-C2 as appropriate should also be attached to this form.

ection I - General Information

Facility Name: WALNUT CREEK ENERGY PARK

Facility ID (6-Digit):

PROCEDURES FOR DETERMINING COMPLIANCE STATUS

. **Equipment verification:** Review the list of pending applications, and either the preliminary Title V facility permit or the list of current permits to operate that the AQMD provided you, to determine if they completely and accurately describe all equipment operating at the facility. Attach a statement to describe any discrepancies.

. **Identify applicable requirements*:** Use the checklist in Section II to identify all applicable and federally-enforceable local, state, and federal rules and regulations, test methods, and monitoring, recordkeeping and reporting (MRR) requirements that apply to any equipment or process (including equipment exempt from a permit by Rule 219) at your facility.

The potential applicable requirements, test methods and MRR requirements are identified and listed adjacent to each given equipment/process description. Check off each box adjacent to the corresponding requirement as it applies to your particular equipment/process.

Note: Even if there is only one piece of equipment that is subject to a particular requirement, the appropriate box should be checked.

. **Identify additional applicable requirements*:** Use Section III to identify any additional requirements not found in Section II. Section II is not a complete list of all applicable requirements. It does not include recently adopted NESHAP regulations by EPA or recent amendments to AQMD rules. Do not add rules listed in Section V here.

. **Identify any requirements that do not apply to a specific piece of equipment or process:** Also use Section III to identify any requirements that are listed in Section II but that do not apply to a specific piece of equipment or process. Fill out Section III of this form and attach a separate sheet to explain the reason(s) why the identified rules do not apply. Note: Listing any requirement that does not apply to a specific piece of equipment will not provide the facility with a permit shield unless one is specifically requested by completig Form 500-D and is approved by AQMD.

. **Identify SIP-approved rules that are not current AQMD rules:** Use Section IV to identify older versions of current AQMD rules that are the EPA-approved versions in the State Implementation Plan (SIP), and that are still applicable requirements as defined by EPA. The facility is not required to certify compliance with the items checked in Section IV provided that the non-SIP approved rule in Section II is at least as stringent as the older SIP-approved version in Section IV. **

. **Identify Local-Only Enforceable Regulatory Requirements:** Use Section V to identify AQMD rules that are not SIP-approved and are not federally enforceable.

. **Determine compliance:** Determine if all equipment and processes are complying with all requirements identified in Sections II and III. If each piece of equipment complies with all applicable requirements, complete and attach Form 500-A2 to certify the compliance status of the facility. If any piece of equipment is not in compliance with any of the applicable requirements, complete and attach Form 500-C2 in addition to Form 500-A2.

The following AQMD rules and regulations are not required to be included in Section II and do not have to be added to Section III: Regulation I, List and Criteria in Regulation II, Rule 201, Rule 201.1, Rule 202, Rule 203, Rule 205, Rule 206, Rule 207, Rule 208, Rule 209, Rule 210, Rule 212, Rule 214, Rule 215, Rule 216, Rule 217, Rule 219, Rule 220, Rule 221, Regulation III, Regulation V, Regulation VIII, Regulation XII, Regulation XV, Regulation XVI, Regulation XIX, Regulation XXI, Regulation XXII, and Regulation XXX.

** Emission units adversely affected by the gap between current and SIP-approved versions of rules may initially be placed in a non-Title V portion of the permit

Section II - Applicable Requirements, Test Methods, & MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
☐ All Air Pollution Control Equipment Using Combustion (RECLAIM & non-RECLAIM sources)	☐ Rule 480 (10/07/77)	N/A	N/A
☐ All Coating Operations	☐ Rule 442 (12/15/00)	☐ Rule 442(f)	☐ Rule 442(g)
☐ All Combustion Equipment, ≥ 555 Mmbtu/Hr (except for NOx RECLAIM sources)	☐ Rule 474 (12/04/81)	☐ AQMD TM 7.1 or 100.1	
☒ All Combustion Equipment Except Internal Combustion Engines (RECLAIM & non-RECLAIM sources)	☒ Rule 407 (04/02/82) ☒ Rule 409 (08/07/81)	☒ AQMD TM 100.1 or 10.1, 307-91 ☒ AQMD TM 5.1, 5.2, or 5.3	
☒ All Combustion Equipment Using Gaseous Fuel (except SOx RECLAIM sources)	☒ Rule 431.1 (06/12/98)	☒ Rule 431.1(f)	☒ Rule 431.1(d) & (e)
☒ All Combustion Equipment Using Liquid Fuel (except SOx RECLAIM sources)	☒ Rule 431.2 (09/15/00)	☒ Rule 431.2(g)	☒ Rule 431.2(f)
☐ All Combustion Equipment Using Fossil Fuel (except SOx RECLAIM sources)	☐ Rule 431.3 (05/07/76)		
☒ All Equipment	☒ Rule 401 (11/09/01) ☒ Rule 405 (02/07/86) ☒ Rule 408 (05/07/76) ☒ Rule 430 (07/12/96) ☒ Rule 701 (06/13/97) ☒ New Source Review, BACT ☒ Rule 1703 (10/07/88) ☒ 40 CFR68 - Accidental Release Prevention	☒ California Air Resources Board Visible Emission Evaluation ☒ AQMD TM 5.1, 5.2, or 5.3 N/A See Applicable Subpart	☒ Rule 430(b) See Applicable Subpart
☐ All Equipment Processing Solid Materials	☐ Rule 403 (04/02/04)	☐ Rule 403(d)(4)	☐ Rule 403(f)
☒ All Equipment With Exhaust Stack (except cement kilns subject to Rule 1112.1)	☒ Rule 404 (02/07/86)	☒ AQMD TM 5.1, 5.2, or 5.3	
☒ All Facilities Using Solvents to Clean Various Items or Equipment	☒ Rule 109 (05/02/03) ☐ Rule 1171 (11/07/03) ☐ 40 CFR63 SUBPART T	☒ Rule 109(g) ☐ Rule 1171(f) See Applicable Subpart	☒ Rule 109(c) ☐ Rule 1171(c)(6) See Applicable Subpart
☒ All RECLAIM Equipment (NOx & SOx)	☒ Reg. XX - RECLAIM	☐ Rule 2011, App. A (12/05/03) ☒ Rule 2012, App. A (12/05/03)	☐ Rule 2011, App. A (12/05/03) ☒ Rule 2012, App. A (12/05/03)
☐ Abrasive Blasting	☐ Rule 1140 (08/02/85)	☐ Rule 1140(d) & (e), AQMD Visible Emission Method	
☐ Aggregate and Related Operations	☐ Rule 1157 (01/07/05)	☐ Rule 1157(f)	☐ Rule 1157(e)
☐ Appliances Containing Ozone Depleting Substances (except Motor Vehicle Air Conditioners): Manufacturing, Repair, Maintenance, Service, & Disposal	☐ 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
☐ Asphalt	See Manufacturing, Asphalt Processing & Asphalt Roofing		
☐ Asphalt Concrete/Batch Plants	☐ 40 CFR60 SUBPART I	See Applicable Subpart	See Applicable Subpart

Section II - Applicable Requirements, Test Methods, & MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENTS
☐ Benzene Emissions, Maleic Anhydride Plants, Ethylbenzene/Styrene Plants, Benzene Storage Vessels, Benzene Equipment Leaks, & Coke By-Product Recovery Plants	☐ Rule 1173 (12/06/02) ☐ Rule 1176 (09/13/96) ☐ 40 CFR61 SUBPART L ☐ 40 CFR61 SUBPART Y ☐ 40 CFR63 SUBPART R ☐ 40 CFR63 SUBPART CC	☐ Rule 1173(j) ☐ Rule 1176(h) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	☐ Rule 1173(i) ☐ Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
☐ Benzene Transfer Operations	☐ Rule 1142 (07/19/91) ☐ 40 CFR61 SUBPART BB ☐ 40 CFR63 SUBPART Y	☐ Rule 1142(e) See Applicable Subpart See Applicable Subpart	☐ Rule 1142(h) See Applicable Subpart See Applicable Subpart
☐ Benzene Waste Operations	☐ Rule 1176 (09/13/96) ☐ 40 CFR61 SUBPART FF ☐ 40 CFR63 SUBPART CC	☐ Rule 1176(h) See Applicable Subpart See Applicable Subpart	☐ Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart
☐ Beryllium Emissions	☐ 40 CFR61 SUBPART C	See Applicable Subpart	See Applicable Subpart
☐ Beryllium Emissions, Rocket Motor Firing	☐ 40 CFR61 SUBPART D	See Applicable Subpart	See Applicable Subpart
☐ Boiler, < 5 Mmbtu/Hr (non-RECLAIM sources)	☐ Rule 1146.1 (05/13/94) ☐ Rule 1146.2 (01/07/05) ☐ 40 CFR63 SUBPART DDDDD	☐ Rule 1146.1(d) N/A See Applicable Subpart	☐ Rule 1146.1(c)(2) & (c)(3) N/A See Applicable Subpart
☐ Boiler, < 5 Mmbtu/Hr (RECLAIM sources)	☐ Rule 1146.1 (05/13/94) - excluding NOx requirements ☐ 40 CFR63 SUBPART DDDDD	☐ Rule 1146.1(d) See Applicable Subpart	☐ Rule 1146.1(c)(2) & (c)(3) See Applicable Subpart
☐ Boiler, ≥ 5 Mmbtu/Hr (non-RECLAIM sources)	☐ Rule 218 (05/14/99) ☐ Rule 429 (12/21/90) ☐ Rule 475 (08/07/78) ☐ Rule 476 (10/08/76) ☐ Rule 1146 (11/17/00) ☐ 40 CFR60 SUBPART D ☐ 40 CFR60 SUBPART Da ☐ 40 CFR60 SUBPART Dc ☐ 40 CFR63 SUBPART DDDDD	☐ AQMD TM 100.1 N/A ☐ AQMD TM 5.1, 5.2, or 5.3 ☐ AQMD TM 7.1, 100.1, 5.1, 5.2, or 5.3 ☐ Rule 1146(d) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	☐ Rule 218(e) & (f) ☐ Rule 429(d) ☐ Rule 1146(c)(6) & (c)(7) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
☐ Boiler, ≥ 5 Mmbtu/Hr (RECLAIM sources)	☐ Rule 475 (08/07/78) ☐ Rule 476 (10/08/76) - excluding NOx requirements ☐ Rule 1146 (11/17/00) - excluding NOx requirements ☐ Rule 2011 (12/05/03) <u>or</u> Rule 2012 (12/05/03) ☐ 40 CFR60 SUBPART D ☐ 40 CFR60 SUBPART Da ☐ 40 CFR60 SUBPART Dc ☐ 40 CFR63 SUBPART DDDDD	☐ AQMD TM 5.1, 5.2, or 5.3 ☐ AQMD TM 7.1, 100.1, 5.1, 5.2, or 5.3 ☐ Rule 1146(d) ☐ Rule 2011, App. A (12/05/03) <u>or</u> Rule 2012, App. A (12/05/03) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	☐ Rule 1146(c)(6) & (c)(7) ☐ Rule 2011, App. A (12/05/03) <u>or</u> Rule 2012, App. A (12/05/03) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
☐ Boiler, Petroleum Refining (non-RECLAIM sources)	☐ Rule 218 (05/14/99) ☐ Rule 429 (12/21/90)	☐ AQMD TM 100.1 N/A	☐ Rule 218(e) & (f) ☐ Rule 429(d)

Section II - Applicable Requirements, Test Methods, & MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENTS
	☐ Rule 431.1 (06/12/98) ☐ Rule 475 (08/07/78) ☐ Rule 1146 (11/17/00) ☐ 40 CFR60 SUBBPART J ☐ 40 CFR63 SUBPART DDDDD	☐ Rule 431.1(f) ☐ AQMD TM 5.1, 5.2, or 5.3 ☐ Rule 1146(d) See Applicable Subpart See Applicable Subpart	☐ Rule 431.1(d) & (e) ☐ Rule 1146(c)(6) & (c)(7) See Applicable Subpart See Applicable Subpart
☐ Boiler, Petroleum Refining (RECLAIM sources)	☐ Rule 1146 (11/17/00) - excluding NOx requirements ☐ Rule 2011 (12/05/03) or Rule 2012 (12/05/03) ☐ 40 CFR60 SUBPART J ☐ 40 CFR63 SUBPART DDDDD	☐ Rule 1146(d) ☐ Rule 2011, App. A (12/05/03) or Rule 2012, App. A (12/05/03) See Applicable Subpart See Applicable Subpart	☐ Rule 1146(c)(6) & (c)(7) ☐ Rule 2011, App. A (12/05/03) or Rule 2012, App. A (12/05/03) See Applicable Subpart See Applicable Subpart
☐ Boilers, Electric Utility (non-RECLAIM sources)	☐ Rule 218 (05/14/99) ☐ Rule 429 (12/21/90) ☐ Rule 1135 (07/19/91) ☐ 40 CFR60 SUBPART Db ☐ 40 CFR63 SUBPART DDDDD	☐ AQMD TM 100.1 N/A ☐ Rule 1135(e) See Applicable Subpart See Applicable Subpart	☐ Rule 218(e) & (f) ☐ Rule 429(d) ☐ Rule 1135(e) See Applicable Subpart See Applicable Subpart
☐ Boilers, Electric Utility (RECLAIM sources)	☐ Rule 2012 (12/05/03) ☐ 40 CFR60 SUBPART Db ☐ 40 CFR63 SUBPART DDDDD	☐ Rule 2012, App. A (12/05/03) See Applicable Subpart See Applicable Subpart	☐ Rule 2012, App. A (12/05/03) See Applicable Subpart See Applicable Subpart
☐ Bulk Loading Of Organic Liquids	☐ Rule 462 (05/14/99) ☐ 40 CFR60 SUBPART XX ☐ 40 CFR63 SUBPART R ☐ 40 CFR63 SUBPART EEEE ☐ 40 CFR63 SUBPART GGGGG	☐ Rule 462(f) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	☐ Rule 462(g) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
☐ Cadmium Electroplating Operation	☐ Rule 1426 (05/02/03)		☐ Rule 1426(e)
☐ Calciner, Mineral Industries	☐ 40 CFR60 SUBPART UUU	See Applicable Subpart	See Applicable Subpart
☐ Calciner, Petroleum Coke	☐ Rule 477 (04/03/81) ☐ Rule 1119 (03/02/79) ☐ 40 CFR63 SUBPART L	☐ AQMD Visible Emissions, AQMD TM 5.1, 5.2, or 5.3 ☐ AQMD TM 6.1 or 100.1 See Applicable Subpart	 See Applicable Subpart
☐ Charbroilers	☐ Rule 1174 (10/05/90) ☐ Rule 1138 (11/14/97)	☐ AQMD Test Protocol ☐ Rule 1138(g)	 ☐ Rule 1138(d)
☐ Chrome Plating & Chromic Acid Anodizing Operation	☐ Rule 1426 (05/02/03) ☐ Rule 1469 (05/02/03)	 ☐ Rule 1469(e)	☐ Rule 1426(e) ☐ Rule 1469(g), (j) & (k)
☐ Coating Operation, Adhesive Application Operation	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1132 (05/07/04) ☐ Rule 1168 (01/07/05) ☐ Rule 1171 (11/07/03) ☐ 40 CFR60 SUBPART RR	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1132(f) ☐ Rule 1168(f) & (g) ☐ Rule 1171(f) See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1132(g) ☐ Rule 1168(e) ☐ Rule 1171(c)(6) See Applicable Subpart
☐ Coating Operation, Aerospace Assembly & Component Manufacturing	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02)	☐ Rule 109(g) ☐ Rule 481(d)	☐ Rule 109(c)

Section II - Applicable Requirements, Test Methods, & MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
	☐ Rule 1124 (09/21/01) ☐ Rule 1132 (05/07/04) ☐ Rule 1171 (11/07/03) ☐ 40 CFR63 SUBPART GG	☐ Rule 1124(e) & (f) ☐ Rule 1132(f) ☐ Rule 1171(f) See Applicable Subpart	☐ Rule 1124(j) ☐ Rule 1132(g) ☐ Rule 1171(c)(6) See Applicable Subpart
☐ Coating Operation, Graphic Arts (Gravure, Letter Press, Flexographic & Lithographic Printing Process, Etc.)	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1130 (10/08/99) ☐ Rule 1132 (05/07/04) ☐ Rule 1171 (11/07/03) ☐ 40 CFR60 SUBPART QQ ☐ 40 CFR60 SUBPART RR ☐ 40 CFR60 SUBPART FFF ☐ 40 CFR60 SUBPART VVV ☐ 40 CFR63 SUBPART KK ☐ 40 CFR63 SUBPART JJJJ	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1130(h) ☐ Rule 1132(f) ☐ Rule 1171(f) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1130(e) ☐ Rule 1132(g) ☐ Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
☐ Coating Operation, Magnet Wire Coating	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1126 (01/13/95) ☐ Rule 1132 (05/07/04) ☐ Rule 1171 (11/07/03)	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1126(d) ☐ Rule 1132(f) ☐ Rule 1171(f)	☐ Rule 109(c) ☐ Rule 1126(c)(4) ☐ Rule 1132(g) ☐ Rule 1171(c)(6)
☐ Coating Operation, Marine Coating (Except for recreational equipment)	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1106 (01/13/95) ☐ Rule 1132 (05/07/04) ☐ Rule 1171 (11/07/03) ☐ 40 CFR63 SUBPART II	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1106(e) ☐ Rule 1132(f) ☐ Rule 1171(f) See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1106(c)(5) ☐ Rule 1132(g) ☐ Rule 1171(c)(6) See Applicable Subpart
☐ Coating Operation, Metal Coating	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1107 (11/09/01) ☐ Rule 1132 (05/07/04) ☐ Rule 1171 (11/07/03) ☐ 40 CFR60 SUBPART EE ☐ 40 CFR60 SUBPART SS ☐ 40 CFR63 SUBPART NNNN ☐ 40 CFR63 SUBPART MMMM ☐ 40 CFR63 SUBPART RRRR	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1107(f) ☐ Rule 1132(f) ☐ Rule 1171(f) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1107(k) ☐ Rule 1132(g) ☐ Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
☐ Coating Operation, Metal Containers, Closure, & Coil Coating Operations	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1125 (01/13/95) ☐ Rule 1132 (05/07/04) ☐ Rule 1171 (11/07/03) ☐ 40 CFR60 SUBPART TT ☐ 40 CFR60 SUBPART WW	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1125(e) ☐ Rule 1132(f) ☐ Rule 1171(f) See Applicable Subpart See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1125(c)(6) ☐ Rule 1132(g) ☐ Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart

Section II - Applicable Requirements, Test Methods, & MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
	☐ 40 CFR63 SUBPART SSSS	See Applicable Subpart	See Applicable Subpart
☐ Coating Operation, Motor Vehicle & Mobile Equipment Non-Assembly Line Coating Operation	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1132 (05/07/04) ☐ Rule 1151 (12/11/98) ☐ Rule 1171 (11/07/03)	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1132(f) ☐ Rule 1151(g) ☐ Rule 1171(f)	☐ Rule 109(c) ☐ Rule 1132(g) ☐ Rule 1151(f) ☐ Rule 1171(c)(6)
☐ Coating Operation, Motor Vehicle Assembly Line	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1115 (05/12/95) ☐ Rule 1132 (05/07/04) ☐ Rule 1171 (11/07/03) ☐ 40 CFR60 SUBPART MM ☐ 40 CFR63 SUBPART IIII	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1115(e) ☐ Rule 1132(f) ☐ Rule 1171(f) See Applicable Subpart See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1115(g) ☐ Rule 1132(g) ☐ Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart
☐ Coating Operation, Paper, Fabric, & Film Coating Operations	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1128 (03/08/96) ☐ Rule 1132 (05/07/04) ☐ Rule 1171 (11/07/03) ☐ 40 CFR60 SUBPART VVV ☐ 40 CFR63 SUBPART OOOO	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1128(f) ☐ Rule 1132(f) ☐ Rule 1171(f) See Applicable Subpart See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1128(e) ☐ Rule 1132(g) ☐ Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart
☐ Coating Operation, Plastic, Rubber, & Glass	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1145 (12/03/04) ☐ Rule 1132 (05/07/04) ☐ Rule 1171 (11/07/03) ☐ 40 CFR60 SUBPART TTT ☐ 40 CFR63 SUBPART NNNN ☐ 40 CFR63 SUBPART PPPP	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1145(e) ☐ Rule 1132(f) ☐ Rule 1171(f) See Applicable Subpart See Applicable Subpart See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1145(d) ☐ Rule 1132(g) ☐ Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart See Applicable Subpart
☐ Coating Operation, Pleasure Craft	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1106.1 (02/12/99) ☐ Rule 1132 (05/07/04) ☐ Rule 1171 (11/07/03) ☐ 40 CFR63 SUBPART II	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1106.1(e) ☐ Rule 1132(f) ☐ Rule 1171(f) See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1106.1(d) ☐ Rule 1132(g) ☐ Rule 1171(c)(6) See Applicable Subpart
☐ Coating Operation, Screen Printing	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1130.1 (12/13/96) ☐ Rule 1132 (05/07/04) ☐ Rule 1171 (11/07/03) ☐ 40 CFR63 SUBPART KK	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1130.1(g) ☐ Rule 1132(f) ☐ Rule 1171(f) See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1130.1(c)(5) ☐ Rule 1132(g) ☐ Rule 1171(c)(6) See Applicable Subpart
☒ Coating Operation, Use Of Architectural Coating (Stationary Structures)	☒ Rule 109 (05/02/03) ☒ Rule 481 (01/11/02)	☒ Rule 109(g) ☒ Rule 481(d)	☒ Rule 109(c)

ection II - Ap able Requirements, Test Methods, & MRR Requirement

QUIPMENT/PRO ESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
	☒ Rule 1113 (07/09/04) ☐ Rule 1132 (05/07/04) ☒ Rule 1171 (11/07/03)	☒ Rule 1113(e) ☐ Rule 1132(f) ☒ Rule 1171(f)	☐ Rule 1132(g) ☒ Rule 1171(c)(6)
] Coating Operation, Wood Flat Stock	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1104 (08/13/99) ☐ Rule 1132 (05/07/04) ☐ Rule 1171 (11/07/03) ☐ 40 CFR63 SUBPART II	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1104(e) ☐ Rule 1132(f) ☐ Rule 1171(f) See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1104(d) ☐ Rule 1132(g) ☐ Rule 1171(c)(6) See Applicable Subpart
] Coating Operation, Wood Products (Commercial Furniture, Cabinets, Shutters, Frames, Toys)	☐ Rule 109 (05/02/03) ☐ Rule 481 (01/11/02) ☐ Rule 1132 (05/07/04) ☐ Rule 1136 (06/14/96) ☐ Rule 1171 (11/07/03) ☐ 40 CFR63 SUBPART JJ	☐ Rule 109(g) ☐ Rule 481(d) ☐ Rule 1132(f) ☐ Rule 1136(f) ☐ Rule 1171(f) See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1132(g) ☐ Rule 1136(d) & (g) ☐ Rule 1171(c)(6) See Applicable Subpart
] Coater	See Coating Operations		
] Columns	See Petroleum Refineries, Fugitive Emissions		
] Composting Operation	☐ Rule 1133 (01/10/03) ☐ Rule 1133.1 (01/10/03) ☐ Rule 1133.2 (01/10/03)	☐ Rule 1133.1(e) ☐ Rule 1133.2(g)	☐ Rule 1133.1(d) ☐ Rule 1133.2(h)
] Compressors	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
] Concrete Batch Plants	See Nonmetallic Mineral Processing Plants		
] Consumer Product Manufacturing	See Manufacturing, Consumer Product		
] Cooling Tower, Hexavalent Chromium	☐ 40 CFR63 SUBPART Q	See Applicable Subpart	See Applicable Subpart
] Copper Electroplating Operation	☐ Rule 1426 (05/02/03)		☐ Rule 1426(e)
] Crude Oil Production	See Oil Well Operations		
] Crusher	See Nonmetallic Mineral Processing Plants		
] Dairy Farms and Related Operations	☐ Rule 1127	☐ Rule 1127(h)	☐ Rule 1127(g)
☒ Degreasers	☒ Rule 109 (05/02/03) ☐ Rule 1122 (10/01/04) ☐ Rule 1171 (11/07/03) ☐ 40 CFR63 SUBPART T	☒ Rule 109(g) ☐ Rule 1122(h) ☐ Rule 1171(f) See Applicable Subpart	☒ Rule 109(c) ☐ Rule 1122(i) ☐ Rule 1171(c)(6) See Applicable Subpart
] Dry Cleaning, Perchloroethlyene	☐ Rule 1421 (12/06/02)	☐ Rule 1421(e) & (i)	☐ Rule 1421(g) & (h)
] Dry Cleaning, Petroleum Solvent	☐ Rule 109 (05/02/03) ☐ Rule 1102 (11/17/00) ☐ 40 CFR60 SUBPART JJJ	☐ Rule 109(g) ☐ Rule 1102(g) See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1102(f) See Applicable Subpart
] Dryers, Mineral Industries	☐ 40 CFR60 SUBPART UUU	See Applicable Subpart	See Applicable Subpart
] Ethylene Oxide Sterilizer	See Sterilizer, Ethylene Oxide		
] Flanges	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
] Fluid Catalytic Cracking Unit	☐ Rule 218 (05/14/99) ☐ Rule 1105 (09/01/84) ☐ Rule 1105.1 (11/07/03)	☐ AQMD TM 100.1 ☐ Rule 1105(c)(1) ☐ Rule 1105.1(f)	☐ Rule 218(e) & (f) ☐ Rule 1105(c)(2) ☐ Rule 1105.1(e)

ection II - Ap[illegible]able Requirements, Test Methods, & MRR Requirement[illegible]

QUIPMENT/PR[illegible]ESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
☐ Foundries, Iron and Steel	☐ 40 CFR63 SUBPART EEEEE	See Applicable Subpart	See Applicable Subpart
☐ Friction Materials Manufacturing	See Manufacturing, Friction Materials		
☐ Fugitive Emissions, Benzene	☐ Rule 1173 (12/06/02)	☐ Rule 1173(j)	☐ Rule 1173(i)
	☐ 40 CFR61 SUBPART L	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR61 SUBPART V	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
☐ Fugitive Emissions, Chemical Plant	☐ Rule 466 (10/07/83)	☐ Rule 466(f)	☐ Rule 466(e)
	☐ Rule 466.1 (03/16/84)	☐ Rule 466.1(g)	☐ Rule 466.1(h)
	☐ Rule 467 (03/05/82)	☐ Rule 467(f)	☐ Rule 467(e)
	☐ Rule 1173 (12/06/02)	☐ Rule 1173(j)	☐ Rule 1173(i)
	☐ 40 CFR60 SUBPART VV	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR61 SUBPART V	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
☐ Fugitive Emissions, Natural Gas Processing Plant	☐ Rule 466 (10/07/83)	☐ Rule 466(f)	☐ Rule 466(e)
	☐ Rule 466.1 (03/16/84)	☐ Rule 466.1(g)	☐ Rule 466.1(h)
	☐ Rule 467 (03/05/82)	☐ Rule 467(f)	☐ Rule 467(e)
	☐ Rule (12/06/02)	☐ Rule 1173(j)	☐ Rule 1173(i)
	☐ 40 CFR60 SUBPART KKK	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR61 SUBPART V	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
☐ Fugitive Emissions, Oil & Gas Production Facility	☐ Rule 466 (10/07/83)	☐ Rule 466(f)	☐ Rule 466(e)
	☐ Rule 466.1 (03/16/84)	☐ Rule 466.1(g)	☐ Rule 466.1(h)
	☐ Rule 467 (03/05/82)	☐ Rule 467(f)	☐ Rule 467(e)
	☐ Rule 1173 (12/06/02)	☐ Rule 1173(j)	☐ Rule 1173(i)
	☐ 40 CFR61 SUBPART V	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
☐ Fugitive Emissions, Pipeline Transfer Station	☐ Rule 466 (10/07/83)	☐ Rule 466(f)	☐ Rule 466(e)

Section II - Applicable Requirements, Test Methods, & MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENTS
	☐ Rule 466.1 (03/16/84) ☐ Rule 467 (03/05/82) ☐ Rule 1173 (12/06/02) ☐ 40 CFR61 SUBPART V ☐ 40 CFR63 SUBPART F ☐ 40 CFR63 SUBPART G ☐ 40 CFR63 SUBPART H ☐ 40 CFR63 SUBPART I ☐ 40 CFR63 SUBPART R ☐ 40 CFR63 SUBPART CC	☐ Rule 466.1(g) ☐ Rule 467(f) ☐ Rule 1173(j) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	☐ Rule 466.1(h) ☐ Rule 467(e) ☐ Rule 1173(i) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
☐ Furnace, Basic Oxygen Process	☐ 40 CFR60 SUBPART Na	See Applicable Subpart	See Applicable Subpart
☐ Furnace, Electric Arc, For Steel Plants Constructed After August 17, 1983	☐ 40 CFR60 SUBPART AAa	See Applicable Subpart	See Applicable Subpart
☐ Furnace, Electric Arc, For Steel Plants: Constructed After Oct. 21, 1974, & On Or Before Aug. 17, 1983	☐ 40 CFR60 SUBPART AA	See Applicable Subpart	See Applicable Subpart
☐ Furnace, Glass Melting	☐ Rule 1117 (01/06/84) ☐ 40 CFR60 SUBPART CC	☐ Rule 1117(c), AQMD TM 7.1 or 100.1 See Applicable Subpart	See Applicable Subpart
☐ Furnace, Lead Melting, Automotive Batteries	☐ Rule 1101 (10/07/77) ☐ 40 CFR63 SUBPART X	☐ AQMD TM 6.1 See Applicable Subpart	See Applicable Subpart
☐ Gasoline Transfer & Dispensing Operation	☐ Rule 461 (01/09/04)	☐ Rule 461(f)	☐ Rule 461(e)(6) & (e)(7)
☐ Glass Manufacturing	See Manufacturing, Glass		
☐ Grain Elevators	☐ 40 CFR60 SUBPART DD	See Applicable Subpart	See Applicable Subpart
☐ Halon-containing Equipment, Use for Technician Training, Testing, Maintenance, Service, Repair, or Disposal	☐ 40 CFR82 SUBPART H	See Applicable Subpart	See Applicable Subpart
☐ Heater, Asphalt Pavement	☐ Rule 1120 (08/04/78)	☐ AQMD Visible Emissions, AQMD TM 6.2	☐ Rule 1120(f)
☐ Heaters, Petroleum Refinery Process	☐ Rule 429 (12/21/90) ☐ Rule 431.1 (06/12/98) ☐ Rule 1146 (11/17/00) ☐ 40 CFR60 SUBPART J ☐ 40 CFR63 SUBPART DDDDD	N/A ☐ Rule 431.1(f) ☐ Rule 1146(d) See Applicable Subpart See Applicable Subpart	☐ Rule 429(d) ☐ Rule 431.1(d) & (e) ☐ Rule 1146(c)(6) & (c)(7) See Applicable Subpart See Applicable Subpart
☐ Heaters, Process	See Boilers		
☐ Incinerators	☐ 40 CFR60 SUBPART E	See Applicable Subpart	See Applicable Subpart
☐ Inorganic Arsenic Emissions, Arsenic Trioxide & Metallic Arsenic Production Facilities	☐ 40 CFR61 SUBPART P	See Applicable Subpart	See Applicable Subpart
☒ Internal Combustion Engines, Reciprocating	☐ 40 CFR63 SUBPART ZZZZ	See Applicable Subpart	See Applicable Subpart
☐ Kiln, Cement Plant	☐ Rule 1112 (01/06/86) ☐ Rule 1112.1 (02/07/86) ☐ 40 CFR60 SUBPART F	N/A N/A See Applicable Subpart	N/A N/A See Applicable Subpart
☐ Landfills	☐ Rule 1150 (10/15/82)		

ection II - Ap able Requirements, Test Methods, & MRR Requirement

QUIPMENT/PR ESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
	☐ Rule 1150.1 (03/17/00) ☐ 40 CFR60 SUBPART WWW ☐ 40 CFR63 SUBPART AAAA	☐ Rule 1150.1(j) See Applicable Subpart See Applicable Subpart	☐ Rule 1150.1(e) & (f) See Applicable Subpart See Applicable Subpart
☐ Lead Acid Battery Manufacturing Plants	See Manufacturing, Lead Acid Battery		
☐ Lead Electroplating Operation	☐ Rule 1426 (05/02/03)		☐ Rule 1426(e)
☐ Manufacturing, Asphalt Processing & Asphalt Roofing	☐ Rule 470 (05/07/76) ☐ Rule 1108 (02/01/85) ☐ Rule 1108.1 (11/04/83) ☐ 40 CFR60 SUBPART UU ☐ 40 CFR63 SUBPART LLLLL	N/A ☐ Rule 1108(b) ☐ Rule 1108.1 (b) See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
☐ Manufacturing, Brick & Structural Clay Products	☐ 40 CFR63 SUBPART JJJJJ	See Applicable Subpart	See Applicable Subpart
☐ Manufacturing, Clay Ceramics	☐ 40 CFR63 SUBPART KKKKK	See Applicable Subpart	See Applicable Subpart
☐ Manufacturing, Coatings & Ink (SIC Code 2851)	☐ Rule 1141.1 (11/17/00) ☐ 40 CFR63 SUBPART HHHHH	N/A See Applicable Subpart	☐ Rule 1141.1(c) See Applicable Subpart
☐ Manufacturing, Consumer Product	☐ Title 17 CCR 94500		
☐ Manufacturing, Food Product	☐ Rule 1131 (06/06/03)	☐ Rule 1131(e)	☐ Rule 1131(d)
☐ Manufacturing, Friction Materials	☐ 40 CFR63 SUBPART QQQQQ	See Applicable Subpart	See Applicable Subpart
☐ Manufacturing, Glass	☐ Rule 1117 (01/06/84) ☐ 40 CFR60 SUBPART CC ☐ 40 CFR61 SUBPART N	☐ Rule 1117(c), AQMD TM 7.1 or 100.1 See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
☐ Manufacturing, Hydrochloric Acid	☐ 40 CFR63 SUBPART NNNNN	See Applicable Subpart	See Applicable Subpart
☐ Manufacturing, Lead-Acid Battery	☐ 40 CFR60 SUBPART KK	See Applicable Subpart	See Applicable Subpart
☐ Manufacturing, Lime	☐ 40 CFR63 SUBPART AAAAA	See Applicable Subpart	See Applicable Subpart
☐ Manufacturing, Magnetic Tape Industry	☐ 40 CFR60 SUBPART SSS ☐ 40 CFR63 SUBPART EE	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
☐ Manufacturing, Miscellaneous Organic Chemical	☐ 40 CFR63 SUBPART FFFF	See Applicable Subpart	See Applicable Subpart
☐ Manufacturing, Nitric Acid	☐ Rule 218 (05/14/99) ☐ Rule 1159 (12/06/85) ☐ 40 CFR60 SUBPART G	☐ AQMD TM 100.1 ☐ AQMD TM 7.1 or 100.1 See Applicable Subpart	☐ Rule 218(e) & (f) See Applicable Subpart
☐ Manufacturing, Plywood & Composite Wood Products	☐ Rule 1137 (02/01/02) ☐ 40 CFR63 SUBPART DDDD	N/A See Applicable Subpart	☐ Rule 1137(e) See Applicable Subpart
☐ Manufacturing, Polymer Industry	☐ 40 CFR60 SUBPART DDD ☐ 40 CFR63 SUBPART W ☐ 40 CFR63 SUBPART J	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
☐ Manufacturing, Polymeric Cellular Foam	☐ Rule 1175 (05/13/94) ☐ 40 CFR63 SUBPART UUUU	☐ Rule 1175(f) See Applicable Subpart	☐ Rule 1175(e) See Applicable Subpart
☐ Manufacturing, Products Containing Halon Blends	☐ 40 CFR82 SUBPART H	See Applicable Subpart	See Applicable Subpart
☐ Manufacturing, Products Containing Organic Solvents	☐ Rule 443.1 (12/05/86)	N/A	N/A

Section II - Applicable Requirements, Test Methods, & MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENTS
☐ Manufacturing, Products Containing Ozone Depleting Substances (ODS)	☐ 40 CFR82 SUBPART A ☐ 40 CFR82 SUBPART E	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
☐ Manufacturing, Reinforced Plastic Composites	☐ 40 CFR63 SUBPART WWWW	See Applicable Subpart	See Applicable Subpart
☐ Manufacturing, Refractory Products	☐ 40 CFR63 SUBPART SSSSS	See Applicable Subpart	See Applicable Subpart
☐ Manufacturing, Resin	☐ Rule 1141 (11/17/00) ☐ 40 CFR63 SUBPART W	☐ Rule 1141(d) See Applicable Subpart	☐ Rule 1141(c) See Applicable Subpart
☐ Manufacturing, Rubber Tire	☐ 40 CFR63 SUBPART XXXX	See Applicable Subpart	See Applicable Subpart
☐ Manufacturing, Semiconductors	☐ Rule 109 (05/02/03) ☐ Rule 1164 (01/13/95) ☐ Rule 1171 (11/07/03) ☐ 40 CFR63 SUBPART BBBBB	☐ Rule 109(g) ☐ Rule 1164(e) ☐ Rule 1171(f) See Applicable Subpart	☐ Rule 109(c) ☐ Rule 1164(c)(5) ☐ Rule 1171(c)(6) See Applicable Subpart
☐ Manufacturing, Solvent	☐ Rule 443 (05/07/76)	N/A	N/A
☐ Manufacturing, Sulfuric Acid	☐ Rule 469 (02/13/81) ☐ 40 CFR60 SUBPART H ☐ 40 CFR60 SUBPART Cd	☐ AQMD TM 6.1 or 6.2 See Applicable Subpart See Applicable Subpart	 See Applicable Subpart See Applicable Subpart
☐ Manufacturing, Surfactant	☐ Rule 1141.2 (01/11/02)	☐ AQMD TM 25.1	
☐ Manufacturing, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes	☐ 40 CFR60 SUBPART III ☐ 40 CFR60 SUBPART NNN	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
☐ Manufacturing, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes	☐ 40 CFR60 SUBPART RRR	See Applicable Subpart	See Applicable Subpart
☐ Manufacturing, Vinyl Chloride	☐ 40 CFR61 SUBPART F	See Applicable Subpart	See Applicable Subpart
☐ Manufacturing, Water Heaters	☐ Rule 1121 (09/03/04)	N/A	N/A
☐ Manufacturing, Wool Fiberglass Insulation	☐ 40 CFR60 SUBPART PPP	See Applicable Subpart	See Applicable Subpart
☐ Manure Processing Operations	☐ Rule 1127	☐ Rule 1127(h)	☐ Rule 1127(g)
☐ Marine Tank Vessel Operations	☐ Rule 1142 (07/19/91) ☐ 40 CFR63 SUBPART Y	☐ Rule 1142(e) See Applicable Subpart	☐ Rule 1142(h) See Applicable Subpart
☐ Mercury Emissions	☐ 40 CFR61 SUBPART E ☐ 40 CFR63 SUBPART IIII	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
☐ Motor Vehicle Air Conditioners with Ozone Depleting Substances (ODS): Repair, Service, Manufacturing, Maintenance, or Disposal	☐ 40 CFR82 SUBPART B ☐ 40 CFR82 SUBPART F	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
☐ Municipal Waste Combustors	☐ 40 CFR60 SUBPART Cb ☐ 40 CFR60 SUBPART Ea ☐ 40 CFR60 SUBPART Eb	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
☐ Negative Air Machines/HEPA, Asbestos	☐ 40 CFR61 SUBPART M	See Applicable Subpart	See Applicable Subpart
☐ Nickel Electroplating Operation	☐ Rule 1426 (05/02/03)		☐ Rule 1426(e)
☐ Nonmetallic Mineral Processing Plants	☐ Rule 404 (02/07/86) ☐ Rule 405 (02/07/86) ☐ 40 CFR60 SUBPART OOO	☐ AQMD TM 5.1, 5.2, or 5.3 ☐ AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart	 See Applicable Subpart
☐ Off-site Waste and Recovery Operation	☐ 40 CFR63 SUBPART DD	See Applicable Subpart	See Applicable Subpart

KEY ABBREVIATIONS: Reg.= AQMD Regulation; Rule = AQMD Rule; App. = Appendix; AQMD TM = AQMD Test Method; CFR = Code of Federal Regulations; CCR = California Code of Regulations

ection II - Apr able Requirements, Test Methods, & MRR Requirement

QUIPMENT/PR ESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
☐ Oil and Gas Well Operation	☐ Rule 1148 (11/05/82) ☐ Rule 1148.1 (03/05/04)	☐ AQMD TM 25.1 ☐ Rule 1148.1 (g)	☐ Rule 1148.1 (f)
☐ Onshore Natural Gas Processing, SO_2 Emissions	☐ 40 CFR60 SUBPART LLL	See Applicable Subpart	See Applicable Subpart
☐ Open Fires	☐ Rule 444 (12/21/01)		
☐ Open Storage, Petroleum Coke	☐ Rule 403 (04/02/04) ☐ Rule 403.1 (04/02/04) ☐ Rule 1158 (06/11/99)	☐ Rule 403(d)(4) ☐ Rule 1158(h)	☐ Rule 403(f) ☐ Rule 403.1(f) ☐ Rule 1158(j)
☐ Open Storage	☐ Rule 403 (04/02/04) ☐ Rule 403.1 (04/02/04)	☐ Rule 403(d)(4)	☐ Rule 403(f) ☐ Rule 403.1(f)
☐ Outer Continental Shelf Platform	☐ Rule 1183 (03/12/93) ☐ 40 CFR55	☐ 40 CFR55 See Applicable Subpart	☐ 40 CFR55 See Applicable Subpart
☐ Oven, Commercial Bakery	☐ Rule 1153 (01/13/95)	☐ Rule 1153(h)	☐ Rule 1153(g)
☐ Oven, Petroleum Coke	☐ Rule 477 (04/03/81) ☐ 40 CFR63 SUBPART L	☐ AQMD Visible Emissions, AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart	See Applicable Subpart
☐ Ozone Depleting Substances (ODS) or Alternative ODS, Use	☐ 40 CFR82 Subpart G	See Applicable Subpart	See Applicable Subpart
☐ Petroleum Refineries	☐ Rule 218 (05/14/99) ☐ Rule 465 (08/13/99) ☐ Rule 468 (10/08/76) ☐ Rule 469 (02/13/81) ☐ Rule 1123 (12/07/90) ☐ Rule 1189 (01/21/00) ☐ 40 CFR60 SUBPART J ☐ 40 CFR63 SUBPART F ☐ 40 CFR63 SUBPART G ☐ 40 CFR63 SUBPART H ☐ 40 CFR63 SUBPART I ☐ 40 CFR63 SUBPART CC ☐ 40 CFR63 SUBPART EEEE ☐ 40 CFR63 SUBPART GGGGG ☐ Title 13 CCR 2250	☐ AQMD TM 100.1 ☐ AQMD TM 6.1 or 6.2 ☐ AQMD TM 6.1 or 6.2 N/A ☐ Rule 1189(f) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	☐ Rule 218(e) & (f) ☐ Rule 1123(c) ☐ Rule 1189(e) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
☐ Petroleum Refineries, Fugitive Emissions	☐ Rule 1173 (12/06/02) ☐ Rule 466 (10/07/83) ☐ Rule 466.1 (03/16/84) ☐ Rule 467 (03/05/82) ☐ 40 CFR60 SUBPART GGG ☐ 40 CFR61 SUBPART V ☐ 40 CFR63 SUBPART F ☐ 40 CFR63 SUBPART G ☐ 40 CFR63 SUBPART H	☐ Rule 1173(j) ☐ Rule 466(f) ☐ Rule 466.1(g) ☐ Rule 467(f) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	☐ Rule 1173(i) ☐ Rule 466(e) ☐ Rule 466.1(h) ☐ Rule 467(e) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart

ection II - Ap[illegible]able Requirements, Test Methods, & MRR Requirement[illegible]

QUIPMENT/PR[illegible]ESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMEN[illegible]
	☐ 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
☐ Petroleum Refineries, Storage Tanks	☐ Rule 463 (03/11/94)	☐ Rule 463(g)	☐ Rule 463(e)(5)
	☐ Rule 1178 (12/11/01)	☐ Rule 1178(i)	☐ Rule 1178(f) & (h)
	☐ 40 CFR60 SUBPART K	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR60 SUBPART Ka	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR60 SUBPART Kb	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART EEEE	See Applicable Subpart	See Applicable Subpart
☐ Petroleum Refineries, Wastewater Systems	☐ Rule 1176 (09/13/96)	☐ Rule 1176(h)	☐ Rule 1176(f) & (g)
	☐ Rule 464 (12/07/90)	N/A	
	☐ 40 CFR60 SUBPART QQQ	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
☐ Pharmaceuticals & Cosmetics Manufacturing	☐ Rule 1103 (03/12/99)	☐ Rule 1103(f)	☐ Rule 1103(e)
☐ Polyester Resin Operation	☐ Rule 109 (05/02/03)	☐ Rule 109(g)	☐ Rule 109(c)
	☐ Rule 1162 (07/09/04)	☐ Rule 1162(f)	☐ Rule 1162(e)
	☐ Rule 1171 (11/07/03)	☐ Rule 1171(f)	☐ Rule 1171(c)(6)
☐ Primary Magnesium Refining	☐ 40 CFR63 SUBPART TTTTT	See Applicable Subpart	See Applicable Subpart
☐ Printing Press	See Coating Operations		
☐ Publicly Owned Treatment Works Operations	☐ Rule 1179 (03/06/92)	☐ Rule 1179(e)	☐ Rule 1179(c) & (d)
	☐ 40 CFR60 SUBPART O	See Applicable Subpart	See Applicable Subpart
☐ Pumps	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
☐ Recycling & Recovery Equipment for Ozone Depleting Substances (ODS),	☐ 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
☐ Refrigerant Reclaimers for Ozone Depleting Substances (ODS)	☐ 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
☐ Rendering Plant	☐ Rule 472 (05/07/76)	N/A	☐ Rule 472(b)
☐ Rock Crushing	See Nonmetallic Mineral Processing Plants		
☐ Semiconductor Manufacturing	See Manufacturing, Semiconductors		
☐ Sewage Treatment Plants	See Publicly Owned Treatment Works Operation		
☐ Site Remediation	☐ 40 CFR63 SUBPART GGGGG	See Applicable Subpart	See Applicable Subpart
☐ Smelting, Primary Copper	☐ 40 CFR63 SUBPART QQQ	See Applicable Subpart	See Applicable Subpart
☐ Smelting, Secondary Lead	☐ 40 CFR60 SUBPART L	See Applicable Subpart	See Applicable Subpart
	☐ 40 CFR63 SUBPART X	See Applicable Subpart	See Applicable Subpart
☐ Soil Decontamination	☐ Rule 1166 (05/11/01)	☐ Rule 1166(e)	☐ Rule 1166(c)(1)(C)
	☐ 40 CFR63 SUBPART GGGGG	See Applicable Subpart	See Applicable Subpart

Section II - Applicable Requirements, Test Methods, & MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
☐ Spray Booth	See Coating Operations		
☐ Sterilizer, Ethylene Oxide	☐ 40 CFR63 SUBPART O	See Applicable Subpart	See Applicable Subpart
☐ Storage Tank, Degassing Operation	☐ Rule 1149 (07/14/95) ☐ 40 CFR63 SUBPART CC	 See Applicable Subpart	 See Applicable Subpart
☐ Storage Tank, Greater Than 19,815 Gallon Capacity	☐ Rule 463 (03/11/94) ☐ 40 CFR63 SUBPART F ☐ 40 CFR63 SUBPART G ☐ 40 CFR63 SUBPART H ☐ 40 CFR63 SUBPART I ☐ 40 CFR60 SUBPART K ☐ 40 CFR60 SUBPART Ka ☐ 40 CFR60 SUBPART Kb ☐ 40 CFR63 SUBPART R ☐ 40 CFR63 SUBPART CC	☐ Rule 463(g) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	☐ Rule 463(e)(5) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
☐ Synthetic Fiber Production Facilities	☐ 40 CFR60 SUBPART HHH	See Applicable Subpart	See Applicable Subpart
☐ Taconite Iron Ore Processing Facilities	☐ 40 CFR63 SUBPART RRRRR	See Applicable Subpart	See Applicable Subpart
☒ Turbine, Stationary Gas-Fired	☐ Rule 1134 (08/08/97) ☒ Rule 475 (08/07/78) ☐ 40 CFR60 SUBPART GG ☐ 40 CFR63 SUBPART YYYY	☐ CEMS Rule 1134(e) & (g) ☒ AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart See Applicable Subpart	☐ Rule 1134(d) & (f) See Applicable Subpart See Applicable Subpart
☐ Turbine, Stationary Oil-Fired	☐ 40 CFR63 SUBPART YYYY	See Applicable Subpart	See Applicable Subpart
☐ Valves	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
☐ Vessel, Refinery Process	☐ Rule 1123 (12/07/90)	N/A	☐ Rule 1123(c)
☐ Vessels	See Petroleum Refineries, Fugitive Emissions		
☐ Wastewater, Chemical Plant	☐ Rule 464 (12/07/90) ☐ Rule 1176 (09/13/96) ☐ 40 CFR63 SUBPART F ☐ 40 CFR63 SUBPART G ☐ 40 CFR63 SUBPART H ☐ 40 CFR63 SUBPART I ☐ 40 CFR63 SUBPART CC	N/A ☐ Rule 1176(h) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	 ☐ Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
☐ Wastewater Treatment, Other	☐ Rule 464 (12/07/90) ☐ Rule 1176 (09/13/96)	N/A ☐ Rule 1176(h)	 ☐ Rule 1176(f) & (g)
☐ Woodworking Operations	☐ Rule 1137 (02/01/02)	N/A	☐ Rule 1137(e)

Section III – Supplemental Identification of Specific Requirements

Complete this section only if there is a specific requirement (i.e., rule reference, test method, or MRR requirement) that is:

1. Listed for a specific type of equipment or process in Section II of this form & **DOES NOT** pertain to a specific device at your facility*; OR,
2. Is **NOT** Listed for a specific type of equipment or process in Section II of this form but it **IS** applicable to a specific device at your facility.

NOTES:

1. For any specific requirement, test method, or MRR requirement that is identified as "Remove," attach additional sheets to explain the reasons why the specific requirement does not pertain to the device listed.
2. All boxes that are checked in Section II and any additional requirements identified in this section as "Add" will be used to determine the facility's compliance status. This information will be used to verify the certification statements made on Form 500-A2.
3. Do not use this section to identify equipment that is exempt from specific rule requirements. Your equipment is automatically considered to be in compliance with the rule that specifically exempts the equipment from those requirements.
4. Listing any requirement that does not apply to a specific piece of equipment in this section will not provide the facility with a permit shield unless one is specifically requested by completing Form 500-D and approved by the AQMD.

* If this section is completed as part of the initial Title V application & there is no device number assigned, refer to the existing permit or application number in this column.

Device No.*	Specific Requirement (Rule Number & Date)	Add (A) or Remove (R) (Check one)	Test Method	Add (A) or Remove (R) (Check one)	MRR Requirement	Add (A) or Remove (R) (Check one)
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R
		☐A ☐R		☐A ☐R		☐A ☐R

Section IV – SIP-Approved Rules That Are Not The Most Current AQMD Rules

Check off each SIP-Approved Rule as it applies to the facility. Use the blanks at the end of this form to fill-in new items.

SIP-Approved Rule	Adoption/ Amendment Date	Check (✓) if Applies	SIP-Approved Rule	Adoption/ Amendment Date	Check (✓) if Applies
218	08/07/81	☒	1140	02/01/80	☐
401	03/02/84	☐	1145	02/14/97	☐
403	12/11/98	☐	1146.2	01/09/98	☐
403.1	01/15/93	☐	1162	11/17/00	☐
431.2	05/04/90	☐	1166	07/14/95	☐
461	04/21/00	☐	1168	10/03/03	☐
466.1	05/02/80	☐	1173	05/13/94	☐
469	05/07/76	☐	1186	09/10/99	☐
475	10/08/76	☐	2001	05/11/01	☐
1112	01/06/84	☐	2002	05/11/01	☐
1113	11/08/96	☒	2007	12/05/03	☐
1121	12/10/99	☐	2010	05/11/01	☐
1122	07/11/97	☐	2011	12/05/03	☐
1132	03/05/04	☐	2012	12/05/03	☒
		☐			☐
		☐			☐
		☐			☐
		☐			☐
		☐			☐
		☐			☐
		☐			☐

Section V – AQMD Rules That Are Not SIP-Approved (Continued on Following Page)

Check off each AQMD Rule as it applies to the facility. Use the blanks at the end of this form to fill-in new items.

Non SIP-Approved Rule	Adoption/ Amendment Date	Check (✓) if Applies	Non SIP-Approved Rule	Adoption/ Amendment Date	Check (✓) if Applies
53 Los Angeles Co.	N/A	☐	1170	05/06/88	☐
53 Orange Co.	N/A	☐	1183	03/12/93	☐
53 Riverside Co.	N/A	☒	1186.1	06/04/04	☐
53 San Bernardino Co.	N/A	☐	1191	06/16/00	☐
53A San Bernardino Co.	N/A	☐	1192	06/16/00	☐
218.1	05/14/99	☒	1193	06/06/03	☐
402	05/07/76	☐	1194	10/20/00	☐
429	12/21/90	☐	1195	04/20/01	☐
430	07/12/96	☐	1196	06/04/04	☐
441	05/07/76	☐	1401	03/04/05	☒
473	05/07/76	☐	1402	03/04/05	☐
477	04/03/81	☐	1403	04/08/94	☐
480	10/07/77	☐	1404	04/06/90	☐
1105.1	11/07/03	☐	1405	01/04/91	☐
1109	08/05/88	☐	1406	07/08/94	☐
1110.1	10/04/85	☐	1407	07/08/94	☐
1110.2	11/14/97	☒	1411	03/01/91	☐
1116.1	10/20/78	☐	1414	05/03/91	☐
1118	02/13/98	☐	1415	10/14/94	☐
1127	08/06/04	☐	1418	09/10/99	☐
1148.1	03/05/04	☐	1420	09/11/92	☐
1150	10/15/82	☐	1421	12/06/02	☐
1157	01/07/05	☐	1425	03/16/01	☐
1163	06/07/85	☐	1426	05/02/03	☐

Section V – AQMD Rules That Are Not SIP-Approved (Continued on Following Page)					
1469	05/02/03	☐	1623	05/10/96	☐
1469.1	03/04/05	☐	2009	01/07/05	☐
1470	03/04/05	☐	2009.1	05/11/01	☐
1605	10/11/96	☐	2020	05/11/01	☐
1610	12/06/02	☐	2202	01/11/02	☐
1612	07/10/98	☐	2501	05/09/97	☐
1613	11/14/97	☐	2506	12/10/99	☐
1620	07/10/98	☐			☐
		☐			☐
		☐			☐

Title V
Form 500-F1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Title IV - Acid Rain Phase II Facility Information Summary

This form shall be completed by Acid Rain facilities ONLY and shall accompany all requests for Phase II permit actions unique to Acid Rain facilities. Also attach a completed Form 500-A2. In addition, if an initial Title V permit, permit renewal, or permit revision is requested, attach Form 500-A1 and any supplemental Acid Rain forms (Forms 500-F2, 500-F3, and 500-F4), as appropriate.

Section I - General Information

1. Facility Name: WALNUT CREEK ENERGY PARK Facility ID (6-Digit): _____
   ORIS Code:(5-Digit): _____
2. This is an application for a (Check all that apply to the facility):
   a. ☒ Phase II Acid Rain Permit or Revision (Complete Section II of this form)
   b. ☐ Repowering Extension Plan or Revision (Complete Form 500-F2)
   c. ☐ New Unit Exemption or Revision (Complete Form 500-F3)
   d. ☐ Retired Unit Exemption or Revision (Complete Form 500-F4)
3. The requested permit action involves a(n) (Check one):
   a. ☐ Administrative Permit Revision
   b. ☐ Significant Permit Revision
   c. ☐ Fast Track Permit Revision
   d. ☐ Automatic Permit Revision
   e. ☒ Other (specify): Initial T5 Application
4. For all applications requesting a permit revision, provide a general description of the proposed changes (Attach additional sheets as necessary):

Section II - Phase II Acid Rain Device Summary

1. The following information is (Check one) a. ☒ New b. ☐ Revised
:

AQMD Device #	EPA Unit #	Will device need a Repowering Extension Plan?	Has device started operations on or after 11/15/90?	Device Operations Start Date (mo/day/yr)	For Devices starting-up after 11/15/90, provide date when Monitoring Certification will begin (mo/day/yr)
CT1		☐ Yes ☒ No	☒ Yes ☐ No		
CT2		☐ Yes ☒ No	☒ Yes ☐ No		
CT3		☐ Yes ☒ No	☒ Yes ☐ No		
CT4		☐ Yes ☒ No	☒ Yes ☐ No		
CT5		☐ Yes ☒ No	☒ Yes ☐ No		
		☐ Yes ☐ No	☐ Yes ☐ No		
		☐ Yes ☐ No	☐ Yes ☐ No		
		☐ Yes ☐ No	☐ Yes ☐ No		

Title V
Instructions for
Form 500-F1

Application Instructions for
Title IV - Phase II Acid Rain Facility Information Summary

To complete this application, type or print the information in the appropriate blanks.

Section I - General Information

1. **Facility Name:** Provide the name of the legal entity that operates the facility.

   AQMD Facility ID: Complete only if the facility has been issued a 6-digit identification or ID number by AQMD. If not, leave these boxes blank. An ID number will be assigned when the application is submitted.

   ORIS Code: Provide the 5-digit code that has been assigned to facility by Department of Energy.

2. Check all applicable boxes to indicate the type of Acid Rain application filed. If box 1a. is checked, complete Section II of this form. If box 1b. is checked, complete and attach Form 500-F2 - Title IV Phase II Acid Rain Repowering Extension Plan. If box 1c. is checked, complete and attach Form 500-F3 - Title IV Phase II Acid Rain New Unit Exemption Request. If box 1d. is checked, complete and attach Form 500-F4 - Title IV Phase II Acid Rain Retired Unit Exemption Request.

3. Check one box that best represents the type of permit action requested. If box 1e. is checked, in the space provided identify any additional elements regarding the application or the facility that need to be considered during the processing of this application (i.e., Initial Title V Permit Application).

4. If the application is a revision request, describe in general terms the changes that are proposed in the application revision request. Attach additional sheets as necessary.

Section II - Phase II Acid Rain Device Summary

1. Before completing this section, check one box to indicate whether this is a new application or a revision.

AQMD Device #:	Provide the identification number for each AQMD-assigned device subject to Phase II requirements.
EPA Unit #:	Provide the identification number for each EPA-assigned device subject to Phase II requirements.
Will device need a Repowering Extension Plan?:	Indicate with a "yes" or "no" if the device is or will be participating under a Repowering Extension Plan.
Has device started operations on or after 11/15/90?:	Indicate with a "yes" or "no" if the device was source tested or started operating on or after November 15, 1990.
Device Operations Start Date:	Complete this column <u>only</u> if the device was source tested or started operating on or after November 15, 1990. Provide the date (mo/day/yr) when the device started or will start operating. Note: If the date of beginning operations changes, an administrative permit revision application will be required.
For Devices starting-up after 11/15/90, provide date when Monitoring Certification will begin:	Complete this column <u>only</u> if the device was source tested or started operating on or after November 15, 1990. Provide the date (mo/day/yr) when compliance with the monitoring procedures for the device will begin. Refer to 40 CFR Part 75.4 to determine this date. Note: If the monitoring certification date changes, an administrative permit revision application will be required.

Title V
Form 500-H

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Compliance Assurance Monitoring (CAM)
Applicability Determination for Initial, Renewal, & Significant Permit Revision Title V Applications

This form is required as part of an initial, significant permit revision, or renewal Title V application. If your Title V facility has control devices in use, the CAM rule may apply. Follow the instructions on the reverse side of this form to determine whether your facility is subject to CAM requirements.

Section I – CAM Status Summary for Emission Units

1. Facility Name: WALNUT CREEK ENERGY PARK Facility ID (6-Digit): _____

2. Based on the criteria in the instructions (check one and attach additional pages as necessary):

a. ☐ The emission units identified below are subject to the CAM rule[1] and a CAM plan[2] is attached for each affected emissions unit:

b. ☒ There are no emission units with control devices at this Title V facility that are subject to the CAM rule.

Emission Unit[3] Application, Permit or Device No.	Equipment Description[4]	Uncontrolled Emissions		Connected to Control Unit[3] Application, Permit or Device No.	Equipment[4] Description	Controlled Emissions	
		Pollutant	PTE[5] (tons/year)			Pollutant	PTE[5] (tons/year)

[1] For more detailed information regarding the CAM rule applicability, refer to Title 40, Chapter I, Part 64, Section 64.1 of the Code of Federal Regulations (40 CFR Part 64, Section 64.1). This also can be accessed via the internet at: http://www.access.gpo.gov/nara/cfr/waisidx_99/40cfr64_99.html.

[2] 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.

[3] List all new and existing emission units and the connected control devices either by AQMD application, permit or device number. When the emission unit is new and hasnot yet been assigned an application number, leave this column blank.

[4] Provide a brief equipment description of the emission units and control devices by indicating equipment type, make, and model and serial numbers as appropriate.

[5] Potential to Emit

Instructions for Determining Ap[illegible]bility to the CAM Rule

With the exception of emission units that are municipally-owned backup utility power units as described by 40 CFR Part 64, Section 64.2(b)(2)[1], 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[2]:

1. The emission unit is subject to an emission limitation or standard[3] (often found in permit conditions);
2. The emission unit uses a control device to achieve compliance with the emission limitation or standard; and,
3. The emission unit has a potential to emit (PTE)[4], either pre-control or post-control depending on the type of Title V application[5], that exceeds or is equivalent to any of Title V major source thresholds shown in the following table:

	CAM Potential to Emit (PTE) Emission Threshold For Individual Emission Units at a Title V Facility (tons per year)		
Pollutant	South Coast Air Basin (SOCAB)	Riverside County Portion of Salton Sea Air Basin (SSAB) and Los Angeles County Portion of Mojave Desert Air Basin (MDAB)	Riverside County Portion of Mojave Desert Air Basin (MDAB)
VOC	10	25	100
NOx	10	25	100
SOx	100	100	100
CO	50	100	100
PM-10	70	70	100
1 HAP[6]	10	10	10
2+ HAPs	25	25	25

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[1] 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.

[2] Additional information about the CAM rule can be found on EPA's website at http://www.epa.gov/ttnemc01/cam.html.

[3] Only emission limitations and standards from an "applicable requirement" for emission units with control devices are subject to the CAM rule. Applicable requirements are federally-enforceable requirements that are rules adopted by AQMD or the State that are approved by EPA into the State Implementation Plan (SIP) (i.e. "SIP-approved rules"). Refer to Form 500-C1 for the latest versions of SIP-approved and non-SIP approved rules.

For emissions units with control devices that are subject to following federally enforceable requirements, the CAM rule does NOT apply: 1) NSPS (40 CFR Part 60); 2) NESHAP (40 CFR Parts 61 and 63); 3) Title VI of the Federal Clean Air Act (CAA) for Stratospheric Ozone Protection; 4) Title IV of the CAA and SCAQMD Regulation XXXI for Acid Rain facilities; 5) SCAQMD Regulation XX – RECLAIM; 6) Any emission cap that is federally enforceable, quantifiable, and meets the requirements in 40 CFR Part 70, Section 70.4 (b)(12); and 7) Emission limitation or standards for which a continuous compliance determination method is required.

[4] To calculate the pre-control device and post-control device PTE for emission units at the facility, refer to the Title V Technical Guidance Document Version 2.0, Appendix A (pages A-12 through A-23). The calculations are used to determine the CAM applicability according to 40 CFR Part 64, Section 64.5 of the CAM rule.

[5] For initial Title V or significant permit revision applications submitted after April 20, 1998, use the post-control device PTE emissions to determine CAM applicability. For Title V permit renewal applications (submittals will begin in 2002), the CAM applicability will be based on the pre-control device PTE.

[6] Hazardous Air Pollutant