



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • [www.aqmd.gov](http://www.aqmd.gov)



March 26, 2009

Mr. Gerardo Rios  
U.S. EPA, Region IX  
75 Hawthorne Street  
San Francisco, CA 94105

SUBJECT: Transmittal of Proposed Initial Title V Permit  
**HOAG MEMORIAL HOSPITAL  
PRESBYTERIAN**  
One Hoag Drive  
Newport Beach, CA 92658  
Facility ID 011245

Dear Mr. Rios:

*Gerardo*

Enclosed is the proposed initial Title V permit for the above referenced facility along with the Statement of Basis, the facility's permit application, permit summary, and public notice. With your receipt of this proposed Title V permit, we will note that the EPA 45-day review period has begun.

Questions on the proposed permit should be directed to Mr. Hemang Desai, Air Quality Engineer, at (909) 396-2596 or [hdesai@aqmd.gov](mailto:hdesai@aqmd.gov).

Sincerely,

Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering and Compliance

MN:MDM:MYL:RGC:HD

Enclosures:

Facility Permit (Proposed Initial)  
Statement of Basis  
Facility Permit Application  
Public Notice



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
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## **NOTICE OF PROPOSED INITIAL TITLE V PERMIT**

The South Coast Air Quality Management District (AQMD) is replacing the existing operating permits that were previously issued to the facility listed below with a new and more comprehensive permit as required by Title V of the federal Clean Air Act. This is an existing facility applying for an initial Title V permit.

### **Facility Locations and Contact People**

**HOAG MEMORIAL HOSP  
PRESBYTERIAN**  
One Hoag Dr.  
Newport Beach, CA 92658  
Facility ID 011245

#### *Contact Person:*

Luke Keely  
Manager, Plant Operations  
Hoag Mem Hosp Presbyterian  
One Hoag Dr.  
Newport Beach, CA 92658

This is an existing facility applying for an initial Title V permit. The facility is operating emergency and non-emergency engines, boilers, and waste gas disposal system.

As required by Title V of the federal Clean Air Act, AQMD will be reissuing existing permits in the form of a Title V permit. The Title V permit will contain all of the emissions limits and operating conditions contained in the previous permits and may include additional monitoring requirements. The new Title V permit will require additional recordkeeping requirements, mandatory reporting of any violations of permit conditions, and annual certification by the permittee that the facility is in compliance with the new permit. The

permit will be enforceable by the AQMD, the federal government, and citizens.

The proposed permit is available for public review at the AQMD, 21865 Copley Dr., Diamond Bar, CA, and at the Newport Beach Public Library, 1000 Avocado Ave., Newport Beach, CA 92663. Information regarding the facility owner's compliance history submitted to the AQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to the AQMD based on credible information, is also available from the AQMD for public review. For more information or to review additional supporting documents, call the AQMD's Title V hotline at (909) 396-3013. Written comments should be submitted to Mr. Hemang Desai, Air Quality Engineer, 21865 Copley Drive, Diamond Bar, CA 91765-4178. Comments must be received by May 2, 2009. The AQMD will consider all public comments and may revise the Title V permit in accordance with AQMD rules and regulations.

The public may request the AQMD to conduct a public hearing on the proposed permit by submitting a Hearing Request Form (Form 500-G) to Hemang Desai at the above AQMD address. The AQMD will hold a public hearing if there is evidence that the proposed permit is not correct or is not adequate to ensure compliance with regulatory requirements, and a hearing will likely provide additional information that will affect the drafting and/or issuance of the permit. Public hearing request forms and the schedule of public hearings may be obtained from the AQMD by calling the Title V hotline at (909) 396-3013, or from the Internet at <http://www.aqmd.gov/titlev>. Requests for public hearings are due by April 14, 2009. A copy of the hearing request must also be sent by first class mail to the appropriate facility contact person listed above.



## Title V Permit Summary

Criteria Pollutant Emissions	<input checked="" type="checkbox"/> NOx	6.563	<input checked="" type="checkbox"/> PM	4.986
Annual Reported Emissions	<input checked="" type="checkbox"/> CO	10.281	<input checked="" type="checkbox"/> SOx	0.119
(tons/year) for Reporting Year: 06/07	<input checked="" type="checkbox"/> VOC	3.041	<input type="checkbox"/> Other:	
Compliance History:	<input type="checkbox"/>	Citizen Complaints Filed in Last Two Calendar Years (# )		
	<input type="checkbox"/>	Notices to Comply Issued in Last Two Calendar Years (# )		
	<input checked="" type="checkbox"/>	Notices of Violation Issued in Last Two Calendar Years (# 0)		
Comments:				

# South Coast Air Quality Management District

## Statement of Basis

### Proposed Title V Permit

**Facility Name:** HOAG MEMORIAL HOSPITAL  
**Facility ID:** 11245  
**SIC Code:** 8062  
**Equipment Location:** 1, HOAG DR., NEWPORT BEACH, CA 92658

**Application #(s):** 454743  
**Application Submittal Date(s):** 03/14/06

**Permit Revision #:** n/a  
**Revision Date:** n/a  
**Permit Section(s) Affected:**

**AQMD Contact Person:** Hemang Desai, Air Quality Engineer  
**Phone Number:** (909) 396-2596  
**E-Mail Address:** hdesai@aqmd.gov

#### 1. Introduction and Scope of Permit

Title V is a national operating permit program for air pollution sources. Facilities subject to Title V must obtain a Title V permit and comply with specific Title V procedures to modify the permit. This permit replaces the facility's other existing permits. Title V does not necessarily include any new requirements for reducing emissions. It does, however, include new permitting, noticing, recordkeeping, and reporting requirements.

The AQMD implements Title V through Regulation XXX – Title V Permits, adopted by the AQMD Governing Board in order to comply with EPA's requirement that local air permitting authorities develop a Title V program. Regulation XXX was developed with the participation of the public and affected facilities through a series of public workshops, working group meetings, public hearings and other meetings.

The Title V major source threshold for a particular pollutant depends on the attainment status of the pollutant. NO<sub>2</sub>, SO<sub>2</sub>, and lead are in attainment with federal standards. The status of CO is currently serious nonattainment, but AQMD has petitioned to EPA for re-designation to attainment status. The status for PM-10 is serious nonattainment. The status for ozone is currently extreme nonattainment.

A Title V permit is proposed to be issued to cover the operations of Hoag Memorial Hospital located at 1 Hoag Dr., Newport Beach, CA 92658. This facility is subject to Title V requirements because it is a major source requirements that specifically require obtaining a Title V permit.

## **2. Facility Description**

This is an existing facility that is in the business of operating and maintaining a health care facility. This facility is operating cogeneration units, boilers, emergency and non-emergency generators, and waste gas disposal system.

## **3. Construction and Permitting History**

The facility has been in constant operation for a number of years.

## **4. Regulatory Applicability Determinations**

Applicable legal requirements for which this facility is required to comply are required to be identified in the Title V permit (for example, Section D, E, and H of the proposed Title V permit). Applicability determinations (i.e., determinations made by the District with respect to what legal requirements apply to a specific piece of equipment, process, or operation) can be found in the Engineering Evaluations. This facility is not subject to any NSPS or NESHAP requirements. [NSPS requirements of 40 CFR Part 60 applies to certain units at the facility and the permit terms and conditions may be found in Section D of the Title V permit.] [NESHAP requirements of 40 CFR Part 63 applies to certain units at the facility and the permit terms and conditions may be found in Sections D and J of the Title V permit.]

## **5. Monitoring and Operational Requirements**

Applicable monitoring and operational requirements for which the facility is required to comply are identified in the Title V permit (for example, Section D, F, and J and Appendix B of the proposed Title V permit). Discussion of any applicable monitoring and operational requirements can be found in the Engineering Evaluations. Compliance Assurance Monitoring (CAM) requirements of 40 CFR Part 64 do not apply to any of the permitted emission sources at this facility.

## 6. Permit Features

### Permit Shield

A permit shield is an optional part of a Title V permit that gives the facility an explicit protection from requirements that do not apply to the facility. A permit shield is a provision in a permit that states that compliance with the conditions of the permit shall be deemed compliance with all identified regulatory requirements. To incorporate a permit shield into the Title V permit involves submission of applications for change of conditions for each equipment affected by the permit shield. Permit shields are addressed in Rule 3004 (c). This facility has not applied for a permit shield.

### Streamlining Requirements

Some emission units may be subject to multiple requirements which are closely related or redundant. The conditions may be streamlined to simplify the permit conditions and compliance. Emission limits, work practice standards, and monitoring, recordkeeping, and reporting requirements may be streamlined. Compliance with a streamlined condition will be deemed compliance with the underlying requirements whether or not the emission unit is actually in compliance with the specific underlying requirement. This facility has not applied for any streamlined conditions.

## 7. Summary of Emissions and Health Risks

**Criteria Pollutant Emissions (tons/year)  
Annual Reported Emissions for Reporting Period 2006**

Pollutant	Emissions (tons/year)
NOx	6.563
CO	10.281
VOC	3.041
PM	4.986
SOx	0.119

**Toxic Air Contaminants Emissions (TAC)  
Annual Reported Emissions for Reporting Period 2006**

The Following TACs Were Reported	Emissions (lbs/yr)
BENZENE	50.015
1,3 BUTADIENE	22.2
CADMIUM	0.020
ARSENIC	0.021
FORMALDEHYDE	1625.0
HEX. CHROME	0.001
LEAD COMPOUNDS (INORGANIC)	0.112
NICKEL	0.052
PAHS TOTAL, W/O IND. COMP	0.522
AMMONIA	769.096
CARBON TETRACHORIDE	0.521
NAPHTHALENE	3.171
ETHYLENE DIBROMIDE	0.625
ETHYLENE DI CHORIDE	0.331
METHYLENE CHORIDE	1.21
FLUOROCARB (CL)	132.5
VINYL CHLORIDE	0.21

**Health Risk from Toxic Air Contaminants**

The facility is being tracked by the Air Toxics Information and Assessment Act (AB2588).

**8. Compliance History**

As noted, the facility has been in constant operation. The facility has been subject to both self-reporting requirements and AQMD inspections. The facility has had 0 citizen complaints filed, 0 Notices to Comply issued, and 0 Notices of Violation issued in the last two calendar year.

**9. Compliance Certification**

By virtue of the Title V permit application and issuance of this permit, the reporting frequency for compliance certification for the facility shall be annual.

**10. Comments**



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

*MR (e)*

**Non-Title V Facilities:** This form must be accompanied by this side of form only.

**Title V Facilities:** Complete both sides of this form.

**CPP # A1902**  
**PETER MOORE**

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

## Section I - Company Information

**LEGAL NAME OF OPERATOR** **Hoag Memorial Hospital Presbyterian**  IRS OR  S. S. NUMBER 95-1643327

**PERMIT TO BE ISSUED TO (SEE INSTRUCTIONS)** **Hoag Memorial Hospital Presbyterian**

**BUSINESS MAILING ADDRESS**  
**P.O. Box 6100, Newport Beach, CA 92658-6100**

**PERMIT MAILING ADDRESS, IF DIFFERENT FROM BUSINESS MAILING ADDRESS**

**TYPE OF ORGANIZATION**  
 Corporation  Limited Partnership  Government Entity  
 Individual  General Partnership  Other (Fill in): **Non-profit**

**ARE YOU A SMALL BUSINESS? (SEE INSTRUCTIONS)**  Yes  No

**AVERAGE ANNUAL GROSS RECEIPTS** **\$Non-profit** **IS YOUR BUSINESS 51% OR MORE WOMAN/MINORITY OWNED?**  Yes  No

**NUMBER OF EMPLOYEES** \_\_\_\_\_

**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?**  Yes  No

**ARE YOU THE OWNER OF THE EQUIPMENT UNDER THIS APPLICATION?**  Yes  No **IRS OR S. S. NUMBER OF OWNER** \_\_\_\_\_

**IF NO, ENTER THE LEGAL NAME OF OWNER** \_\_\_\_\_

## Section II - Facility Information

**EQUIPMENT ADDRESS/LOCATION**  
**One Hoag Drive** **NUMBER/STREET** **Newport Beach** **CA, 92658** **CITY OR COMMUNITY** **ZIP CODE**

**FACILITY NAME** **Hoag Memorial Hospital Presbyterian**

**FACILITY ID NUMBER** **11245**

**PRINT NAME OF CONTACT PERSON** **Mr. Luke Keeley** **TITLE OF CONTACT PERSON** **Manager, Plant Operations**

**TYPE OF BUSINESS AT THIS FACILITY** **Hospital** **PRIMARY SIC CODE FOR THIS FACILITY** **8062** **NUMBER OF EMPLOYEES AT THIS FACILITY** \_\_\_\_\_

**CONTACT PERSON'S TELEPHONE NUMBER** **(949) 764-5899** **CONTACT PERSON'S FAX NUMBER** **(949) 764-5806** **CONTACT PERSON'S E-MAIL ADDRESS** **Luke.Keeley@HoagHospital.org**

## Section III - Application Type

**DESCRIPTION OF EQUIPMENT: Initial Title V Permit Application** **PREVIOUS PERMIT #(S):** \_\_\_\_\_

**APPLICATION FOR (SEE INSTRUCTIONS):**  
 NEW CONSTRUCTION  MODIFICATION  CHANGE OF LOCATION  CHANGE OF PERMITTEE  CHANGE OF PERMIT CONDITION

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

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

<input type="checkbox"/> 400-E-1 • PARTICULATE MATTER (PM <sub>10</sub> ) CONTROL EQUIPMENT	<input type="checkbox"/> 400-E-13 • INTERNAL COMBUSTION EQUIPMENT
<input type="checkbox"/> 400-E-2 • VOLATILE ORGANIC COMPOUND (VOC) CONTROL EQUIPMENT	<input type="checkbox"/> 400-E-14 • OPEN PROCESS TANK
<input type="checkbox"/> 400-E-3 • SCRUBBER	<input type="checkbox"/> 400-E-14a • OPEN PROCESS TANK; PROCESS LINE
<input type="checkbox"/> 400-E-4 • ABRASIVE BLASTING EQUIPMENT	<input type="checkbox"/> 400-E-15 • PRINTING EQUIPMENT
<input type="checkbox"/> 400-E-6 • DEGREASER	<input type="checkbox"/> 400-E-16 • SOLID MATERIALS STORAGE EQUIPMENT
<input type="checkbox"/> 400-E-7 • DRY CLEANING EQUIPMENT	<input type="checkbox"/> 400-E-17 • SPRAY BOOTH/OPEN SPRAY
<input type="checkbox"/> 400-E-8 • ETHYLENE OXIDE STERILIZER	<input type="checkbox"/> 400-E-17a • POWDER SPRAY BOOTH
<input type="checkbox"/> 400-E-9 • EXTERNAL COMBUSTION EQUIPMENT	<input type="checkbox"/> 400-E-18 • STORAGE TANK (LIQUID & GASEOUS MAT'L)
<input type="checkbox"/> 400-E-10 • FOOD BROILER/FRYER	<input type="checkbox"/> 400-E-19 • WAVE SOLDER MACHINE
<input type="checkbox"/> 400-E-11 • FUEL DISPENSING AND STORAGE EQUIPMENT	<input type="checkbox"/> 400-E-20 • ASBESTOS REMOVAL EQUIPMENT
<input type="checkbox"/> 400-E-12 • GAS TURBINE	<input type="checkbox"/> 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:** *Luke Keeley* **TITLE OF RESPONSIBLE OFFICIAL OF FIRM:** **Manager, Plant Operations**

**TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM:** **Luke Keeley** **RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER** **(949) 764-5899** **DATE SIGNED:** **3/11/06**

**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:** *Peter Moore* **TITLE OF PREPARER:** **Yorke Engineering, CPP # A1902**

**TYPE OR PRINT NAME OF PREPARER, IF PREPARED BY PERSON OTHER THAN RESPONSIBLE OFFICIAL OF FIRM:** **Peter Moore** **PREPARER'S TELEPHONE NUMBER** **(949) 248-8490 x24** **DATE SIGNED:** **2/27/06**

### TITLE V FACILITIES ONLY: COMPLETE OTHER SIDE

<b>AQMD USE ONLY</b>	<b>APPLICATION/TRACKING #</b> <b>454723-3/10/06 MR</b>	<b>PROJECT #</b>	<b>TYPE</b> <b>B C D</b>	<b>EQUIPMENT CATEGORY CODE:</b> _____	<b>FEE SCHEDULE:</b> \$ _____	<b>VALIDATION</b> <b>3/14/06 MR</b>
<b>ENG. A R</b>	<b>ENG. A R</b>	<b>CLASS</b> <b>I III IV</b>	<b>ASSIGNMENT</b> <b>UNIT</b> <b>J</b>	<b>ENF. SECT.</b>	<b>CHECK/MONEY ORDER</b> <b>#</b> <b>4161265</b>	<b>AMOUNT</b> <b>\$2936.12</b>

*Main A# 4949*

# 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.  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?  Yes  No

## Section V - Title V Submittal Checklist

1. Enter the quantity of each type form submitted in the space provided:
- |   |        |   |   |
|---|--------|---|---|
| 1 | 500-A2 |   | 500-F1  |
| 1 | 500-B  |   | 500-F2  |
| 1 | 500-C1 |   | 500-F3  |
|   | 500-C2 |   | 500-F4  |
|   | 500-D  | X | Other (specify): (4) 400-A, (3) 400-E-9, 500-H, 400-P |
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.  Other (Specify): Existing equipment permits to construct and/or operate
3. Supplemental information included with this application submittal (Check ALL that apply):
- a.  Facility Plot Plan
  - b.  MSDS Sheet(s)
  - c.  None
  - d.  Other (Specify): \_\_\_\_\_

AQMD USE ONLY	APPLICATION TYPE		30 DAY PUBLIC NOTICE		PUBLIC HEARING	45-DAY EPA REVIEW	
	INITIAL, RENEWAL & SIGNIFICANT MINOR & DE MINIMUS	ESTABLISH GENERAL PERMIT	START DATE	END DATE	DATE	START DATE	END DATE
	<b>USE THE SECTIONS BELOW FOR TITLE V INITIAL AND RENEWAL APPLICATIONS ONLY:</b>						
	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	ENF. SECT.	CHECK/MONEY ORDER #	AMOUNT \$

**Title V  
Form 500-H**

**TH 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: HOAG MEMORIAL HOSPITAL PRES. Facility ID (6-Digit): 11245

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<sup>1</sup> and a CAM plan<sup>2</sup> 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 <sup>3</sup> Application, Permit or Device No.	Equipment Description <sup>4</sup>	Uncontrolled Emissions		Connected to Control Unit <sup>3</sup> Application, Permit or Device No.	Equipment <sup>4</sup> Description	Controlled Emissions	
		Pollutant	PTE <sup>5</sup> (tons/year)			Pollutant	PTE <sup>5</sup> (tons/year)
406575	Natural gas I.C. Engine No. 1	NOx	260.90	406575	Non-selective catalyst	NOx	3.01
		CO	180.60			CO	12.04
		VOC	10.03			VOC	3.01
406576	Natural gas I.C. Engine No. 2	NOx	260.90	406576	Non-selective catalyst	NOx	3.01
		CO	180.60			CO	12.04
		VOC	10.03			VOC	3.01
406577	Natural gas I.C. Engine No. 3	NOx	260.90	406577	Non-selective catalyst	NOx	3.01
		CO	180.60			CO	12.04
		VOC	10.03			VOC	3.01

<sup>1</sup> For more detailed information regarding the CAM rule applicability, refer to Title 40, Chapter 1, 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](http://www.access.gpo.gov/nara/cfr/waisidx_99/40cfr64_99.html).

<sup>2</sup> 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.

<sup>3</sup> 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 has not yet been assigned an application number, leave this column blank.

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

<sup>5</sup> Potential to Emit

## Instructions for Determining Applicability 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)<sup>1</sup>, the CAM rule is applicable to each emission unit (existing and new construction) at a Title V facility that meets ALL of the following criteria<sup>2</sup>:

1. The emission unit is subject to an emission limitation or standard<sup>3</sup> (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)<sup>4</sup>, either pre-control or post-control depending on the type of Title V application<sup>5</sup>, that exceeds or is equivalent to any of Title V major source thresholds shown in the following table:

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

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

<sup>2</sup> Additional information about the CAM rule can be found on EPA's website at <http://www.epa.gov/tncm01/cam.html>.

<sup>3</sup> Only emission limitations and standards from an "applicable requirement" for emission units with control devices are subject to the CAM rule. 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.

<sup>4</sup> 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.

<sup>5</sup> 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.

<sup>6</sup> Hazardous Air Pollutant

Section I - Facility Information	
1. Facility Name: <u>HOAG MEMORIAL HOSPITAL PRES.</u>	Facility ID (6-Digit): <u>11245</u>
2. This Certification is submitted with a (Check one):	a. <input checked="" type="checkbox"/> Title V Application (Initial, Revision, Renewal) b. <input type="checkbox"/> Supplement/Correction to a Title V Application c. <input type="checkbox"/> MACT Part 2 Application
3. Is Form 500-C2 included with this Certification?	a. <input type="checkbox"/> Yes      b. <input type="checkbox"/> 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 I 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

3-1-06  
Date

Luke Keeley

(949) 764-5899

Type or Print Name of Responsible Official

Phone

Manager, Plant Operations

(949) 764-5806

Title of Responsible Official

Fax

P.O. 6100

Newport Beach

CA

92658-6100

Address of Responsible Official

City

State

Zip Code

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



# Title V Application Checklist

Step	Information/Action	Enter Information or Take Action	Check When Done
1	Facility ID	11245	<input checked="" type="checkbox"/>
2	Is this a new facility?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Team Assignment	J	<input checked="" type="checkbox"/>
4	Initial Title V Application?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	<input checked="" type="checkbox"/>
5	If NO in step 4 - is this a Title V Admin C/O?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	If NO in step 4 or 5, is it Title V Revision?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	Is Facility tagged as Title V?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	<input checked="" type="checkbox"/>
8	Is Facility in RECLAIM?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	Application Type (type #)	75	<input checked="" type="checkbox"/>
10	BCAT (If known)		<input checked="" type="checkbox"/>
11	Tracking #		<input checked="" type="checkbox"/>
12	Is step 4 or 5 marked YES?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> If YES, make copy of forms 400-A and 500-A2 along with this checklist and put in TV Admin Box. If NO, just place completed checklist in TV Admin Box.	<input checked="" type="checkbox"/>

Initials: CLO2      Date: March 15, 2006

Comments: tagged in xena as TV facility.

Please provide application number to Admin. \_\_\_\_\_

**Yorke**  
*Engineering, LLC*  
www.YorkeEngr.com

31726 Ranch Viejo Rd., Ste. 218  
San Juan Capistrano, CA 92675  
949-248-8490  
949-248-8499 (fax)

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# **Initial Title V Permit Application to the South Coast Air Quality Management District**

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Prepared for:

Hoag Memorial Hospital Presbyterian  
One Hoag Dr.  
Newport Beach, CA 92658-6100

February 24, 2006

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# Permit Application to the South Coast Air Quality Management District

Initial Title V Permit Application: Hoag Hospital

## Introduction

This is the initial Title V permit application for Hoag Memorial Hospital Presbyterian (a.k.a. Hoag Hospital). Hoag Hospital currently holds 17 SCAQMD permits for boilers, heater chillers, emergency diesel engines, fuel tanks, natural gas cogeneration engines, and a waste gas collection and treatment system. On their 2004-05 Annual Emissions Report, they reported over 5 tons/year of NOx and VOC, triggering the requirement to file a Title V permit application. Calculation of the facility potential-to-emit (PTE) shows that they exceed the major source thresholds of 10 tons/year for NOx and VOCs. Therefore, this facility is subject to Title V permitting requirements.

<b>Applicant's Name</b>	Hoag Memorial Hospital Presbyterian
<b>Company ID</b>	11245
<b>Mailing Address:</b>	P.O. Box 6100 Newport Beach, CA 92658-6100
<b>Equipment Address:</b>	One Hoag Drive Newport Beach, CA 92658

## Permit Preparer

This permit application was prepared by Peter Moore (SCAQMD Certified Permitting Professional #A1902). If there are questions regarding this application, please contact Peter at 949-248-8490 x24.

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## History and Background

Hoag Memorial Hospital Presbyterian is a 511-bed, not-for-profit hospital that provides advanced medical programs in many specialties as well as four renowned centers of excellence: Hoag Cancer Center, Hoag Heart and Vascular Institute, Hoag Orthopedic Services and Hoag Women's Health Services.

Hoag Hospital is located at One Hoag Drive, near the intersection of Pacific Coast Highway and Newport Boulevard in Newport Beach. Hoag currently holds 17 SCAQMD permits for boilers, heater chillers, emergency diesel engines, fuel tanks, natural gas cogeneration engines, and a waste gas collection and treatment system. In the 2004-05 Annual Emissions Report, they reported over 5 tons/year of NO<sub>x</sub>, triggering the requirement to file a Title V permit application. Calculation of the facility potential-to-emit (PTE) shows that they exceed the major source thresholds of 10 tons/year for NO<sub>x</sub> and VOCs. Therefore, this facility is subject to Title V permitting requirements. Since the Title V permit application is due 180 days after becoming subject to Title V, the application is due March 29, 2006.

Hoag received permits to construct for three cogeneration engines and a large boiler in 2003. With the startup of this equipment in early 2006 the facility emissions will increase significantly over current levels.

The area around the facility is a mix of residential and commercial properties. The closest residences are just to the west of the main facility. Appendix B has maps of the facility and surrounding environs. The nearest K-12 school is Carden Hall School, 1541 Monrovia Ave, Newport Beach, and is about 2500 feet to the northwest of the facility.

## Permit Modifications

We are requesting some changes to the existing permits as part of this application. The following sections describe the modifications. For the administrative changes to the boilers and waste gas collection system, the forms and fees are included with this application.

### Underground Fuel Storage Tanks

Two underground fuel storage tanks are currently permitted, however, they should be exempt from permitting: one for diesel fuel and one for Amber 363. These tanks, permit numbers D23831, and D23716, are now exempt from permitting under Rule 219(n)(3) which gives a permit exemption to:

*Equipment used exclusively for the transfer of less than 75,700 liters (20,000 gallons) per day of unheated organic materials, with an initial boiling point of 150 °C (302 °F) or greater, or with an organic vapor pressure of 5 mm Hg (0.1 psi) absolute or less at 21.1 °C (70 °F).*

The tanks are 10,054 gallons each, and the transfer rate to the equipment is much less than 20,000 gallon/day. Diesel fuel has an initial boiling point of 372 F and vapor pressure

less than 0.1 psi. Amber 363 has an initial boiling point of 381 F and vapor pressure less than 0.1 psi.

Therefore we request that these two permits be cancelled, and the equipment listed under the R219 exempt section of the Title V permit.

**Boilers**

We are requesting administrative changes to to the boilers so that the equipment description on the boilers permits are consistent with the nameplate on the equipment. For Boilers No. 1, 2 and 3 change the Equipment Description as follows. Deletions are indicated by strike-through, and additions are indicated in **bold**.

BOILER NO. 1 (2, 3), SUPERIOR SEMINOLE, MODEL NO. ~~6X-2000-S150~~ **MS6-X-2254**, WITH A 16,700,000 BUT PER HOUR COEN MICRO-NOX BURNER, MODEL NO. **HTE-12**, NATURAL GAS, METHANE/NATURAL GAS BLEND, OR METHANE GAS FIRED, WITH AMBER 363 STAND BY FUEL, WITH A 5 H.P. FAN AND AN INDUCED FLUE GAS RECIRCULATION SYSTEM.

**Waste Gas Collection System**

We are requesting administrative changes to the waste gas collection system. The facility ID number on the Waste Gas Collection System is listed as 47361, while the rest of the Hoag facility is listed under ID 11245. Since this equipment is owned and operated by Hoag Hospital it should be listed under the same facility ID. We request that **this permit be listed under facility ID 11245**.

Also, the **zip code** for this permit and all permits should be **92658**.

**Data and Emission Factors**

This section documents the emission factors that were used to calculate facility Potential-to-Emit (PTE).

**External Combustion Equipment**

The following emission factors were used for the external combustion equipment, which includes boilers and heater/chillers. The source and derivation of each emission factor is described below.

	Emission Factors (lb/mmcf)				
	VOC	NOx	SOx	CO	PM10
Boiler #1	5.5	25.52	0.6	38.80	7.6
Boiler #2	5.5	25.52	0.6	38.80	7.6
Boiler #3	5.5	25.52	0.6	38.80	7.6
Boiler #4	5.5	11.48	0.6	38.80	7.6
Heater/Chiller #1	5.5	38.28	0.6	77.61	7.6
Heater/Chiller #2	5.5	38.28	0.6	77.61	7.6

## NOx EMISSION FACTOR CALCULATION

The NOx emission factor was calculated based on Equation 17 from SCAQMD Rule 2012, Appendix A, Chapter 3. The equation is:

$$\text{NOx Emission Factor (lb/mmcf)} = \text{ppmv}_{3\%O_2} \times \left[ \frac{20.9}{(20.9 - b)} \right] \times 1.195 \times 10^{-7} (F_d \times V)$$

Where:

PPMV	= Concentration limit as listed on the permit (ppmv)	See below
b	= Standard concentration of oxygen	3% O <sub>2</sub>
F <sub>d</sub>	= Dry F-factor for natural gas	8710 dscf/MMBTU
V	= Higher heating value of natural gas	1050 MMBTU/mmcf

Equipment	NOx Concentration Limit (ppmv)	NOx Emission Factor (lb/mmcf)
Boilers 1, 2, 3	20 ppm	25.52
Boiler 4	9 ppm	11.48
Heater/Chillers 1, 2	30 ppm	38.28

## CO EMISSION FACTOR CALCULATION

Similarly, the carbon monoxide (CO) emission factor was calculated by scaling the equation based on the ratio of the molecular weight of CO to NOx:

Molecular weight of NOx: 46

Molecular weight of CO: 28

$$\text{Ratio of Molecular Weights} = \frac{CO}{NOx} = \frac{28}{46}$$

$$\text{CO Emission Factor (lb/mmcf)} = \text{ppmv}_{3\%O_2} \times \left[ \frac{20.9}{(20.9 - b)} \right] \times \left( \frac{28}{46} \right) (1.195 \times 10^{-7}) (F_d \times V)$$

Equipment	CO Concentration Limit (ppmv)	CO Emission Factor (lb/mmcf)
Boilers 1, 2, 3, 4	50 ppm	38.80
Heater/Chillers 1, 2	100 ppm	77.61

## VOC, SOx and PM10 Emission Factors

The VOC, SOx and PM10 emission factors were taken from the General Instruction Book for the AQMD 2004-05 Annual Emissions Reporting Program, Appendix A.

### Internal Combustion Equipment

#### Diesel Engines

The emission factors for the diesel engines are the default factors published in the General Instruction Book for the AQMD 2004-05 Annual Emissions Reporting Program. The emission factors, in terms of lb/1000 gal, are listed in the following table.

**Emission Factors  
(lb/1000 gal)**

VOC	37.5
NOx	469
SOx	7.1
CO	102
PM10	33.5

#### Natural Gas Engines

The emission factors for NOx, CO, and VOC for the natural gas engines were determined from the manufacturer's data for controlled emissions after the catalyst. For SOx and PM10, the default factors published in the General Instruction Book for the AQMD 2004-05 Annual Emissions Reporting Program were used.

**Emission Factors  
(Controlled)**

VOC	0.15	g/bhp-hr
NOx	0.15	g/bhp-hr
SOx	0.6	lb/mmcf
CO	0.6	g/bhp-hr
PM10	10	lb/mmcf

## Potential to Emit Calculations

### Summary

The following table lists the summary of the PTE calculation showing the exceedance of the major source thresholds for NOx and VOC. Note that not all equipment was included in the calculation as emissions from the boilers, heater chillers, and internal combustion engines were enough to demonstrate that PTE exceeds the major source thresholds. The contribution of the fuel tanks and waste gas collection system are insignificant. The purpose of this table is to show that the PTE exceeds the major source thresholds for NOx and VOC.

Equipment Description	PTE (ton/year)				
	VOC	NOx	SOx	CO	PM10
Boilers, Heater/Chillers	2.0	8.8	0.2	16.8	2.8
Diesel IC Engines	1.1	13.4	0.2	2.9	1.0
Natural Gas Engines	9.0	9.0	0.1	36.1	2.3
Fuel Tanks	Not calculated				
Waste Gas Collection System	Not calculated				
<b>Total(tons/year)</b>	<b>12.1</b>	<b>31.2</b>	<b>0.6</b>	<b>55.8</b>	<b>6.1</b>

See Appendix A for details of the emission calculations.

### External Combustion Equipment

Emissions of criteria pollutants for external combustion equipment, using the emission factors described above are as follows:

$$\text{PTE (lb/yr)} = \text{Fuel Use Rate (mmcf/hr)} \times \text{Annual Limit (hrs)} \times \text{Emission Factor (lb/mmcf)}$$

### Internal Combustion Equipment

#### Diesel Engines

Four of the diesel engines have a permit limit of 200 hours/year and 8080 gal/year. The gallon limit was used to calculate PTE since it is the limiting condition. Emissions of criteria pollutants for diesel internal combustion engines, using the emission factors described above are as follows:

$$\text{PTE (lb/year)} = \text{Fuel Use Limit (gal/year)/1000} \times \text{Emission Factor (lb/1000 gal)}$$

For diesel engine #5, the permit limit of 199 hours/year times the fuel use rate was used to calculate annual consumption of fuel.

$$\text{PTE (lb/year)} = \text{Fuel Use Rate (gal/hour)/1000} \times \text{Annual Hour Limit (hours/year)} \times \text{Emission Factor (lb/1000 gal)}$$

#### Natural Gas Engines

Emissions of criteria pollutants for internal combustion equipment, using the emission factors described above, is as follows:

$$\text{NO, CO, VOC (lb/year)} = \text{Engine Rating(bhp)} \times \text{Annual Limit(hours)} \times \text{Emission Factor (g/bhp-hr)/(454 g/lb)}$$

$$\text{SOx, PM10 (lb/yr)} = \text{Fuel Use Rate (mmcf/hr)} \times \text{Annual Limit (hrs)} \times \text{Emission Factor (lb/mmcf)}$$

# Rules Evaluation

## Regulation II – Permits

### Rule 212, Standards for Approving Permits (Amended November 14, 1997)

Public notification is not required under this rule. Public notification under the Title V regulations will be addressed in that section.

## Regulation III – Fees

The processing fees for this equipment were determined using Rule 301:

Equipment/Item	Description	Paragraph	Fee
Initial Title V Permit	17 existing SCAQMD permits	301(p)(3)(A)	\$1007.60
Boiler No. 1	Administrative change	301(c)(3)(C)	\$368.86
Boiler No. 2	Administrative change	301(c)(3)(C)	\$368.86
Boiler No. 3	Administrative change	301(c)(3)(C)	\$368.86
Waste Gas Collection System	Administrative change	301(c)(3)(C)	\$368.86
Rule 480 Compliance Plan	Plan filing fee	306(c)	\$100.75
"	Plan evaluation fee	306(i)(1)	\$352.63
<b>Total</b>			<b>\$2936.42</b>

The SCAQMD may also issue an invoice for the final Title V fees based on the amount of time that it took to process the application (amount of time over 8 hours). According to Rule 301(p)(3)(B), the hourly rate will be \$100.75 per hour.

## Regulation IV – Prohibitions

### Rule 401 Visible Emissions

No visible emissions are expected from any of this equipment. Compliance with this rule is expected.

### Rule 402 Nuisance

No nuisance odors are expected from any of this equipment. Compliance with this rule is expected.

**Rule 404 Particulate Matter - Concentration**

Particulate matter concentration from the combustion equipment was calculated using default emission factors from the general instruction booklet for the AQMD 2004-2005 Annual Emission Reporting Program in order to verify compliance with this rule. The following table lists the results of the calculation and show that the particulate matter concentration from this equipment will comply with this rule.

Equipment	Heat Input Rating (MMBTU/hr)	Volume of Exhaust (scfm)	PM Emission Rate (lb/hr)	PM Concentration (grains/cf)	Rule 404 PM Concentration Limit (grains/cf)
Boilers 1, 2, 3	16	2,323	0.12	0.0061	0.1370
Boiler 4	25.2	3,658	0.19	0.0061	0.1156
Heater/Chillers	7.623	1,107	0.06	0.0061	0.1803

Equipment	Fuel Consumption Rate (scfh)	Volume of Exhaust (acfm)	PM Emission Rate (lb/hr)	PM Concentration (grains/cf)	Rule 404 PM Concentration Limit (grains/cf)
Cogen Engines	17640	5,374	0.176	0.000001	0.10

Equipment	Fuel Consumption Rate (gal/hr)	Volume of Exhaust (acfm)	PM Emission Rate (lb/hr)	PM Concentration (grains/cf)	Rule 404 PM Concentration Limit (grains/cf)
Diesel Engines	119	13,843	4.0	0.034	0.07

**Rule 405 Solid Particulate Matter - Weight**

Particulate matter weight from the combustion equipment was calculated using default emission factors from the general instruction booklet for the AQMD 2004-2005 Annual Emission Reporting Program in order to verify compliance with this rule. The following table lists the results of the calculation and show that the particulate matter weight from this equipment will comply with this rule.

Equipment	Heat Input Rating (MMBTU/hr)	Volume of Exhaust (scfm)	Process Weight of Exhaust Air (lb/hr)	PM Emission Rate (lb/hr)	Rule 405 PM Weight Limit (lbs/hour)
Boilers 1, 2, 3	16	2,323	10,452	0.12	4.03
Boiler 4	25.2	3,658	16,462	0.19	5.12
Heater/Chillers	7.623	1,107	4,980	0.06	2.68

Equipment	Fuel Consumption Rate (scfh)	Volume of Exhaust (scfm)	Process Weight of Exhaust Air (lb/hr)	PM Emission Rate (lb/hr)	Rule 405 PM Weight Limit (lbs/hour)
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Cogen Engines	17640	3,312	14,904	0.176	4.86
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Equipment	Fuel Consumption Rate (gal/hr)	Volume of Exhaust (scfm)	Process Weight of Exhaust Air (lb/hr)	PM Emission Rate (lb/hr)	Rule 405 PM Weight Limit (lbs/hour)
Diesel Engines	119	5,837	30,205	3.987	12.89

**Rule 407 Liquid and Gaseous Air Contaminants**

The provisions of this rule do not apply to stationary internal combustion engines.

Carbon monoxide emissions from the boilers and heater/chillers are not expected to exceed 2000 ppmv, and sulfur dioxide emissions will be well below 500 ppmv. Therefore compliance with this rule is expected.

**Rule 408 Circumvention**

The equipment at this facility will comply with this rule.

**Rule 409 Combustion Contaminants**

Combustion contaminants (i.e. particulate matter) will be well below the limit set by this rule of 0.1 grain/cf (see Rule 404 calculations). Thus, compliance with this rule is expected.

**Rule 430 Breakdown Provisions**

In the event of a breakdown which causes violation of a rule or permit conditions, the operator will notify the District in accordance with the provisions of this rule.

**Rule 431.1 Sulfur Content of Gaseous Fuels**

Besides burning pipeline natural gas in the boilers, heater/chillers, and natural gas engine, this facility also burns naturally occurring methane gas that is collected and treated onsite. The facility holds a permit for a waste gas collection, treatment, and disposal system.

The methane gas is treated to remove H<sub>2</sub>S down to less than 1 ppmv. This complies with the rule requirement that the fuel contain less than 40 ppmv of H<sub>2</sub>S. Also, since the facility "emits less than 5 pounds per day total sulfur compounds, calculated as H<sub>2</sub>S, from the burning of gaseous fuels other than natural gas" it is exempt from the provisions of this rule under paragraph (g)(8).

It is estimated that H<sub>2</sub>S emissions are about 0.01 lb/day. The quantity of methane processed is 5000 scfh (141.6 m<sup>3</sup>/hour). The concentration of H<sub>2</sub>S is given by the following equation:

$$\text{Concentration } (\mu\text{g}/\text{m}^3) = 42.2 \times \text{MW} \times \text{concentration}(\text{ppm})$$

Where:

MW = molecular weight of H<sub>2</sub>S = 34

Concentration (ppm) = 1 ppm

Concentration (µg/m<sup>3</sup>) = 42.2 x 34 x 1 = 1435 µg/m<sup>3</sup>

Weight of H<sub>2</sub>S (grams/hr) = 141.6 (m<sup>3</sup>/hr) x (1435 µg/m<sup>3</sup>)/10<sup>6</sup> = 0.2 grams/hr

Weight of H<sub>2</sub>S (lb/day) = 0.2 (grams/hr)/454 x (24 hr/day) = 0.01 lb/day

#### **Rule 431.2 Sulfur Content of Liquid Fuels**

Compliance with this rule is expected since the diesel fuel and Amber 363 are low sulfur fuels with less than 15 ppm sulfur.

#### **Rule 480 Natural Gas Fired Control Devices**

There is a flare which is used to combust the methane from the waste gas collection system. The pilot for the flare is fueled by natural gas. A plan is submitted with this application in accordance with this rule that states that the flare which is part of the waste gas collection system will be shut down in the event of an interruption in natural gas supply.

### **Regulation IX – Standard of Performance for New Stationary Sources**

#### **40 CFR 60 Subpart Dc**

This section applies to boilers between 10 – 100 MMBTU/hour. This regulation sets standards for sulfur dioxide and particulate matter emissions. Since the boilers at this facility burn either pipeline natural gas, or treated methane gas, it is expected to emit these pollutants at levels well below the standards of this rule.

### **Regulation X – National Emission Standards for Hazardous Air Pollutants**

None of the National Emission Standards for Hazardous Air Pollutants (NESHAPS) are applicable to this equipment.

### **Regulation XI – Source Specific Standards**

#### **Rule 1110.2, Emissions from Gaseous - and Liquid-Fueled Internal Combustion Engines**

This rule applies to all internal combustion engines at this facility. There are both emergency diesel engines, and natural-gas-fueled cogeneration engines.

The emergency diesel engines are exempt from the emission limits of the rule by paragraph (h)(2) since they operate for less than 200 hours/year. Operating logs are kept in accordance with this rule.

The natural gas engines will meet the emission standards since emissions are controlled with a three-way catalyst and air/fuel ratio controller. The following table shows that the emissions from the natural gas engines meets the standards of this rule.

<b>Natural Gas Engine Emission Compliance with Rule 1110.2</b>		
<b>Pollutant</b>	<b>Rule 1110.2 Standard</b>	<b>Natural Gas Engine Permitted Emission Limit</b>
NOx	36 ppm	13 ppm
CO	2000 ppm	33 ppm
VOC	250 ppm	37 ppm

**Rule 1146, Emissions from Gaseous - and Liquid-Fueled Internal Combustion Engines**

This rule applies to the boilers, and the heater chillers since all have heat input ratings >5 MMBTU/hour. Permit conditions on all external combustion equipment limits NOx emissions to less than 30 ppm, and CO emissions to less than 400 ppm. Annual source tests are conducted to demonstrate compliance with these limits.

**Regulation XIII – New Source Review**

There is no increase of air contaminants as part of this initial Title V permit application. Thus, new source review is not required.

**Regulation XIV – Toxics and Other Non-Criteria Pollutants**

**Rule 1401, New Source Review for Air Toxics**

No increase in toxic air contaminants is requested as part of this initial Title V permit application. No health risk assessment is required under Rule 1401.

**Rule 1470, Requirements for Stationary Diesel-Fueled Internal Combustion Engines and Other Compression Ignition Engines**

This facility has five diesel engines that are subject to this rule. The engines emit more than 0.4 g/bhp-hr of diesel PM. These engines are exempt from the annual limits on maintenance and testing hours under paragraph (h)(7) since they have an OSHPD compliance plan.

**Regulation XX – RECLAIM**

This facility is not in the RECLAIM program. It is exempt from the RECLAIM program per 2001(i)(2)(D).

## **Regulation XXX – Title V**

This is an application for a new Title V permit.

### **Rule 3001 – Applicability**

Since the potential-to-emit (PTE) for NOx and VOC exceeds 10 tons/year, this facility is subject to the Title V regulations.

### **Rule 3002 – Requirements**

This facility will follow the requirements of this rule.

### **Rule 3003 – Applications**

Under paragraph (a)(3) of this rule, a timely application is one that is submitted within 180 days after the facility becomes subject to the Title V permit program. The facility became subject to Title V on September 30, 2005, the due date for the 2004-05 Annual Emissions Report. Therefore, the permit application must be submitted by March 29, 2006.

The application content contained in this package is consistent with the requirements of paragraph (b).

### **Rule 3006 – Public Participation**

The SCAQMD will issue a public notification in accordance with this rule.

### **Rule 3008 – Potential to Emit Limitations**

Since the facility has reported less than 5 tons/year of NOx and VOC every year since the 2000 reporting year, their PTE has not exceeded the major source thresholds under the provisions of this rule. In the 2004-05 Annual Emissions Report, due on September 30, 2005, 5.8 tons of NOx and 5.2 tons of VOC were reported. Thus, the facility PTE can no longer be considered non-major as of September 30, 2005.

### **40 CFR 64.1 Compliance Assurance Monitoring (CAM)**

There are three cogeneration engines that use control devices to meet emission standards. Therefore, an analysis was done to determine whether a CAM Plan is required. Form 500-H shows that the post-control PTE for each engine does not exceed the major source thresholds. Since this is an initial Title V application, the post-control PTE is used to determine CAM applicability. (See footnote 5 on form 500-H). Thus, a CAM plan is not required.

## **Conclusion**

This initial Title V permit application is complete and is submitted in a timely manner. We expect that the SCAQMD will issue a Title V permit to Hoag Hospital.

## Appendix A: Emission Calculations

---

Potential to Emit Summary

Equipment Description	PTE (ton/year)				
	VOC	NOx	SOx	CO	PM10
Boilers, Heater/Chillers	2.0	8.8	0.2	16.8	2.8
Diesel IC Engines	1.1	13.4	0.2	2.9	1.0
Natural Gas Engines	9.0	9.0	0.1	36.1	2.3
Other					
<b>Total</b>	<b>12.1</b>	<b>31.2</b>	<b>0.6</b>	<b>55.8</b>	<b>6.1</b>

Potential to Emit Calculation  
Boilers and Heater/Chillers

Equipment Description	Permit No.	Size	Annual Limit (hours)	Fuel Use Rate (mmcf/hr)	NOx Limit (ppm)	CO Limit (ppm)	PTE (lb/year)				
							VOC	NOx	SOx	CO	
Boiler #1	R-F39017	16 MMBTU/hr	8760	0.0152	20	50	734	3407	80	5180	1014
Boiler #2	R-F39018	16 MMBTU/hr	8760	0.0152	20	50	734	3407	80	5180	1014
Boiler #3	R-F39019	16 MMBTU/hr	8760	0.0152	20	50	734	3407	80	5180	1014
Boiler #4	A/N 417410	25.2 MMBTU/hr	8760	0.0240	9	50	1156	2414	126	8158	1598
Heater/Chiller #1	F42553	7.623 MMBTU/hr	8760	0.0073	30	100	350	2435	38	4936	483
Heater/Chiller #2	F42554	7.623 MMBTU/hr	8760	0.0073	30	100	350	2435	38	4936	483
<b>Total</b>							<b>4058</b>	<b>17504</b>	<b>443</b>	<b>33570</b>	<b>5608</b>

Emission Factors

	Emission Factors (lb/mmcf)			
	VOC	NOx	SOx	PM10
Boiler #1	5.5	25.52	0.6	7.6
Boiler #2	5.5	25.52	0.6	7.6
Boiler #3	5.5	25.52	0.6	7.6
Boiler #4	5.5	11.48	0.6	7.6
Heater/Chiller #1	5.5	38.28	0.6	7.6
Heater/Chiller #2	5.5	38.28	0.6	7.6

Boiler Emission Calculations:

VOC Emissions(lb/year) = Fuel Use Rate(mmcf/hr) x Annual Limit(hours) x (5.5 lb/mmcf)  
 SOx Emissions(lb/year) = Fuel Use Rate(mmcf/hr) x Annual Limit(hours) x (0.6 lb/mmcf)  
 PM10 Emissions(lb/year) = Fuel Use Rate(mmcf/hr) x Annual Limit(hours) x (7.6 lb/mmcf)

General Instruction Book for the AQMD 2004-2005 Annual Emissions Reporting Program, Appendix A

$$\text{NOx Emission Factor (lb/mmcf)} = \text{PPMV}_{3\%O_2} \times \left[ \frac{20.9}{(20.9 - b)} \right] \times 1.195 \times 10^{-7} (F_d \times V)$$

PPMV

Concentration limit as listed on the permit (ppmv)

b Standard concentration of oxygen as listed on the permit (3% O2)

Fd Dry F-factor for natural gas (8710 dscf/MMBTU)

V Higher heating value of natural gas

8710 dscf/MMBTU  
1050 MMBTU/mmcf

$$\text{CO Emission Factor (lb/mmcf)} = \text{PPMV}_{3\%O_2} \times \left[ \frac{20.9}{(20.9 - b)} \right] \times 7.268 \times 10^{-8} (F_d \times V)$$

Potential to Emit Calculation  
Diesel Internal Combustion Engines

Equipment Description	Permit No.	Comments	Engine Size (bhp)	Annual Limit (hr/year)	Annual Fuel Limit (gal/yr)	Fuel Use Rate (gal/hour)	PTE (lb/year)				
							VOC	NOx	SOx	CO	PM10
I.C. Engine, Diesel #1	R-F62039	<200 hours per year	2518 bhp	200	8080	125.9	303	3790	57	824	271
I.C. Engine, Diesel #2	R-F62038	<200 hours per year	2518 bhp	200	8080	125.9	303	3790	57	824	271
I.C. Engine, Diesel #3	R-F62041	<200 hours per year	2518 bhp	200	8080	125.9	303	3790	57	824	271
I.C. Engine, Diesel #4	R-F62040	<200 hours per year	2518 bhp	200	8080	125.9	303	3790	57	824	271
I.C. Engine, Diesel #5	F59911	<200 hours per year	2499 bhp	200	24840	124.2	932	11650	176	2534	832
<b>Total (lb/year)</b>							<b>2144</b>	<b>26808</b>	<b>406</b>	<b>5830</b>	<b>1915</b>

Diesel Engine Emission Calculations\*

- VOC Emissions(lb/year) = Fuel Use Rate(gal/hr)/1000 x Annual Limit(hours) x (37.5 lb/1000.gal)
- NOx Emissions(lb/year) = Fuel Use Rate(gal/hr)/1000 x Annual Limit(hours) x (469 lb/1000 gal)
- SOx Emissions(lb/year) = Fuel Use Rate(gal/hr)/1000 x Annual Limit(hours) x (7.1 lb/1000 gal)
- CO Emissions(lb/year) = Fuel Use Rate(gal/hr)/1000 x Annual Limit(hours) x (102 lb/1000 gal)
- PM10 Emissions(lb/year) = Fuel Use Rate(gal/hr)/1000 x Annual Limit(hours) x (33.5 lb/1000 gal)

Emission Factors (lb/1000 gal)

VOC	37.5
NOx	469
SOx	7.1
CO	102
PM10	33.5

Potential to Emit Calculation  
Natural Gas Internal Combustion Engines

Equipment Description	Permit No.	Comments	Engine Size (bhp)	Annual Limit (hr/year)	Fuel Use Rate (cf/hr)	PTE (lb/year)				
						VOC	NOx	SOx	CO	PM10
Cogen Engine #1	406575		2080 bhp	8760	17640	6020	6020	93	24080	1545
Cogen Engine #2	406576		2080 bhp	8760	17640	6020	6020	93	24080	1545
Cogen Engine #3	406577		2080 bhp	8760	17640	6020	6020	93	24080	1545
<b>Total (lb/year)</b>						<b>18060</b>	<b>18060</b>	<b>278</b>	<b>72241</b>	<b>4636</b>

Natural Gas Engine Emission Calculations:

VOC Emissions(lb/year) = Horsepower Rating(bhp) x Annual Limit(hours) x (0.15 g/bhp-hr)/454(g/lb)  
 NOx Emissions(lb/year) = Horsepower Rating(bhp) x Annual Limit(hours) x (0.15 g/bhp-hr)/454(g/lb)  
 CO Emissions(lb/year) = Horsepower Rating(bhp) x Annual Limit(hours) x (0.6 g/bhp-hr)/454(g/lb)  
 SOx Emissions(lb/year) = Fuel Use Rate(mmcf/hr) x Annual Limit(hours) x (0.6 lb/mmcf)  
 PM10 Emissions(lb/year) = Fuel Use Rate(mmcf/hr) x Annual Limit(hours) x (10 lb/mmcf)

Emission Factors (Controlled)

VOC	0.15	g/bhp-hr
NOx	0.15	g/bhp-hr
SOx	0.6	lb/mmcf
CO	0.6	g/bhp-hr
PM10	10	lb/mmcf

Emission Factors (Uncontrolled)

VOC	0.50	g/bhp-hr
NOx	13.0	g/bhp-hr
CO	9.0	g/bhp-hr

General Instruction Book for the AQMD 2004-2005 Annual Emissions Reporting Program, Appendix A

## **FACILITY PERMIT TO OPERATE**

**HOAG MEM HOSP PRESBYTERIAN  
ONE HOAG DR  
NEWPORT BEACH, CA 92658**

### **NOTICE**

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.  
EXECUTIVE OFFICER

By \_\_\_\_\_  
Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering & Compliance

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

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A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	DRAFT	03/18/2009
B	Rule Emission Limits	DRAFT	03/18/2009

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: HOAG MEM HOSP PRESBYTERIAN

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: ONE HOAG DR  
NEWPORT BEACH, CA 92658-6100

MAILING ADDRESS: P O BOX 6100  
NEWPORT BEACH, CA 92658-6100

RESPONSIBLE OFFICIAL: RICHARD AFABLE

TITLE: PRESIDENT

TELEPHONE NUMBER: (949) 764-8240

CONTACT PERSON: LUKE KEELY

TITLE: MANAGER, PLANT OPERATONS

TELEPHONE NUMBER: (949) 764-5899

TITLE V PERMIT ISSUED: March 18, 2009

TITLE V PERMIT EXPIRATION DATE: March 17, 2014

TITLE V	RECLAIM
YES	NOx: NO SOx: NO CYCLE: 0 ZONE: COASTAL

**FACILITY PERMIT TO OPERATE  
HOAG MEM HOSP PRESBYTERIAN**

**SECTION B: RECLAIM Annual Emission Allocation**

**NOT APPLICABLE**

**FACILITY PERMIT TO OPERATE  
HOAG MEM HOSP PRESBYTERIAN**

**SECTION C: FACILITY PLOT PLAN**

(TO BE DEVELOPED)

## **FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN**

### **Facility Equipment and Requirements (Section D)**

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Construct and Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions including periodic monitoring requirements, and applicable emission limits and requirements that the equipment is subject to. Also included is the rule origin and authority of each emission limit and permit condition.

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO CONSTRUCT AND PERMITS TO OPERATE AT THIS FACILITY:

Application number	Permit to Operate number	Equipment description
417420	R-F62039	ICE (>500 BHP), EM ELECTRICAL GEN, DIESEL
417418	R-F62038	ICE (>500 BHP), EM ELECTRICAL GEN, DIESEL
417421	R-F62040	ICE (>500 BHP), EM ELECTRICAL GEN, DIESEL
417423	R-F62041	ICE (>500 BHP), EM ELECTRICAL GEN, DIESEL
454724	F98849	BOILER, NAT GAS & OIL, > 5=20 MM BTU/HR
454725	F98850	BOILER, NAT GAS & OIL, > 5=20 MM BTU/HR
454726	F98851	BOILER, NAT GAS & OIL, > 5=20 MM BTU/HR
329157	R-F52851	WASTE GAS COLLECTION, TREATMENT, AND DISPOSAL SYSTEM
413982	F59911	ICE (>500 BHP), EM ELECTRICAL GEN, DIESEL
406575		ICE (>500 BHP), CO-GEN, NON-EM ELECTRICAL GEN, NATURAL GAS
406576		ICE (>500 BHP), CO-GEN, NON-EM ELECTRICAL GEN, NATURAL GAS
406577		ICE (>500 BHP), CO-GEN, NON-EM ELECTRICAL GEN, NATURAL GAS
417410	F95074	BOILER, NAT GAS, > =20 -50 MM BTU/HR
483177	F98904	ICE (>500 BHP), EM ELECTRICAL GEN, DIESEL

**NOTE:** EQUIPMENT LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBER ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

## **FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN**

### **FACILITY WIDE CONDITION(S)**

**Condition(s):**

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:
  - A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGLEMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR
  - B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.  
[RULE 401]
  
2. THE OPERATOR SHALL ONLY USE AMBER 363 FUEL AND DIESEL FUEL WITH A SULFUR CONTENT THAT DOES NOT EXCEED 15 PPM BY WEIGHT.  
[RULE 431.2]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO OPERATE

Permit No. R-F 62039  
A/N 417420

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 1, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516 DITA, SERIAL NO. 3NS00216, DIESEL FUELED, SIXTEEN CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2518 BHP.

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. THE OPERATOR SHALL KEEP A LOG OF ENGINE OPERATIONS DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE
  - B. MAINTENANCE AND TESTING
  - C. OTHER (BE SPECIFIC).IN ADDITION, FOR EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF ENGINE OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND THE END OF THE OPERATION.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]

## **FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN**

6. OPERATION BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]

7. ON OR BEFORE JANUARY 15TH OF EACH YEAR THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG:
- A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
  - B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATION LOG(S) SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO OPERATE

Permit No. R-F 62038  
A/N 417418

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 2, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516 DITA, SERIAL NO. 3NS00215, DIESEL FUELED, SIXTEEN CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2518 BHP.

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. THE OPERATOR SHALL KEEP A LOG OF ENGINE OPERATIONS DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE
  - B. MAINTENANCE AND TESTING
  - C. OTHER (BE SPECIFIC).

IN ADDITION, FOR EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF ENGINE OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND THE END OF THE OPERATION.

[RULE 1110.2, RULE 1304 (a), RULE 1470]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

6. OPERATION BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
  
7. ON OR BEFORE JANUARY 15TH OF EACH YEAR THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG:
  - A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
  - B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATION LOG(S) SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
  
8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO OPERATE

Permit No. R-F 62040  
A/N 417421

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 4, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516 DITA, SERIAL NO. 3NS00217, DIESEL FUELED, SIXTEEN CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2518 BHP.

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. THE OPERATOR SHALL KEEP A LOG OF ENGINE OPERATIONS DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE
  - B. MAINTENANCE AND TESTING
  - C. OTHER (BE SPECIFIC).IN ADDITION, FOR EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF ENGINE OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND THE END OF THE OPERATION.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

6. OPERATION BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
  
7. ON OR BEFORE JANUARY 15TH OF EACH YEAR THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG:
  - A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
  - B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATION LOG(S) SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
  
8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO OPERATE

Permit No. R-F 62041  
A/N 417423

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 3, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516 DITA, SERIAL NO. 3NS00218, DIESEL FUELED, SIXTEEN CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2518 BHP.

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. THE OPERATOR SHALL KEEP A LOG OF ENGINE OPERATIONS DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE
  - B. MAINTENANCE AND TESTING
  - C. OTHER (BE SPECIFIC).

IN ADDITION, FOR EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF ENGINE OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND THE END OF THE OPERATION.

[RULE 1110.2, RULE 1304 (a), RULE 1470]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

6. OPERATION BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
  
7. ON OR BEFORE JANUARY 15TH OF EACH YEAR THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG:
  - A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
  - B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATION LOG(S) SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
  
8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO OPERATE

Permit No. F98849  
A/N 454724

#### Equipment Description:

BOILER NO. 1, SUPERIOR SEMINOLE, MODEL NO. 6X-2000-5150, WITH A 16,000,000 BTU PER HOUR COEN MICRO-NOX BURNER, MODEL NO. HTE, NATURAL GAS, METHANE/NATURAL GAS BLEND, OR METHANE GAS FIRED, AND AMBER 363 AS STAND-BY FUEL, WITH A 5 H.P. FAN AND AN INDUCED FLUE GAS RECIRCULATION SYSTEM.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146]
4. THIS BOILER SHALL BE OPERATED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF RULE 1146.  
[RULE 1146]
5. THIS BOILER SHALL BE FIRED WITH NATURAL GAS, NATURAL/METHANE GAS BLEND, OR METHANE GAS EXCEPT DURING TESTING, MAINTENANCE, NATURAL GAS CURTAILMENT, OR IN AN EVENT OF AN EMERGENCY, AT WHICH TIME AMBER 363 MAY BE USED.  
[RULE 1146]
6. WHILE OPERATING ON NATURAL GAS, THIS BOILER SHALL NOT EMIT MORE THAN 20 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, AND NOT MORE THAN 50 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>. WHILE OPERATING ON AMBER 363, THIS BOILER SHALL EMIT NO MORE THAN 40 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, AND NO MORE THAN 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1146, RULE 1303 (a)]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

7. WHENEVER THE BOILER IS OPERATED ON AMBER 363, RECORDS SHALL BE MAINTAINED FOR THE BOILER AND SHALL INCLUDE THE FOLLOWING. (1) THE DATE. (2) THE REASON THE BOILER WAS OPERATED ON AMBER 363. (3) THE HOURS OF OPERATION ON AMBER 363. ALL RECORDS SHALL BE, (1) RECORDED IN A MANNER WHICH HAS BEEN APPROVED IN WRITING BY THE EXECUTIVE OFFICER, (2) KEPT FOR AT LEAST FIVE YEARS, AND (3) MADE AVAILABLE TO SCAQMD PERSONNEL UPON REQUEST.  
[RULE 1146]

### Periodic Monitoring:

8. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 7.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a) (4)]
9. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 10.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a) (4)]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

10. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS COMBUSTED ONE MILLION GALLONS OF AMBER 363 FUEL, TO BE COUNTED CUMULATIVELY OVER A FIVE YEAR PERIOD. THE INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE HOUR, THE OPERATOR SHALL EITHER:
- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN THE SAME FASHION AS DEVIATIONS ARE REQUIRED TO BE REPORTED IN SECTION K OF THIS PERMIT; OR
  - B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

IN ADDITION, THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a) (4)]

### **Emissions And Requirements:**

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

NOx: 20 PPMV, RULE 1303, WHEN FIRING NATURAL GAS  
NOx: 9 PPMV, RULE 1146, WHEN FIRING NATURAL GAS AFTER JANUARY 1, 2015  
NOx: 40 PPMV, RULE 1146, WHEN FIRING AMBER 363  
CO: 400 PPMV, RULE 1146  
CO: 2000 PPMV, RULE 407  
CO: 50 PPMV, RULE 1303  
PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO OPERATE

Permit No. F98850  
A/N 454725

#### Equipment Description:

BOILER NO. 2, SUPERIOR SEMINOLE, MODEL NO. 6X-2000-5150, WITH A 16,000,000 BTU PER HOUR COEN MICRO-NOX BURNER, MODEL NO. HTE, NATURAL GAS, METHANE/NATURAL GAS BLEND, OR METHANE GAS FIRED, AND AMBER 363 AS STAND BY FUEL, WITH A 5 H.P. FAN AND AN INDUCED FLUE GAS RECIRCULATION SYSTEM.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146]
4. THIS BOILER SHALL BE OPERATED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF RULE 1146.  
[RULE 1146]
5. THIS BOILER SHALL BE FIRED WITH NATURAL GAS, NATURAL/METHANE GAS BLEND, OR METHANE GAS EXCEPT DURING TESTING, MAINTENANCE, NATURAL GAS CURTAILMENT, OR IN AN EVENT OF AN EMERGENCY, AT WHICH TIME AMBER 363 MAY BE USED.  
[RULE 1146]
6. WHILE OPERATING ON NATURAL GAS, THIS BOILER SHALL NOT EMIT MORE THAN 20 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, AND NOT MORE THAN 50 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>. WHILE OPERATING ON AMBER 363, THIS BOILER SHALL EMIT NO MORE THAN 40 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, AND NO MORE THAN 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1146, RULE 1303 (a)]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

7. WHENEVER THE BOILER IS OPERATED ON AMBER 363, RECORDS SHALL BE MAINTAINED FOR THE BOILER AND SHALL INCLUDE THE FOLLOWING. (1) THE DATE. (2) THE REASON THE BOILER WAS OPERATED ON AMBER 363. (3) THE HOURS OF OPERATION ON AMBER 363. ALL RECORDS SHALL BE, (1) RECORDED IN A MANNER WHICH HAS BEEN APPROVED IN WRITING BY THE EXECUTIVE OFFICER, (2) KEPT FOR AT LEAST FIVEYEARS, AND (3) MADE AVAILABLE TO SCAQMD PERSONNEL UPON REQUEST.  
[RULE 1146]

### Periodic Monitoring:

8. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 7.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a) (4)]
9. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 10.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a) (4)]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

10. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS COMBUSTED ONE MILLION GALLONS OF AMBER 363 FUEL, TO BE COUNTED CUMULATIVELY OVER A FIVE YEAR PERIOD. THE INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE HOUR, THE OPERATOR SHALL EITHER:
- C. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN THE SAME FASHION AS DEVIATIONS ARE REQUIRED TO BE REPORTED IN SECTION K OF THIS PERMIT; OR
  - D. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

IN ADDITION, THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- E. STACK OR EMISSION POINT IDENTIFICATION;
- F. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- G. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- H. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a) (4)]

### **Emissions And Requirements:**

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

NOx: 20 PPMV, RULE 1303, WHEN FIRING NATURAL GAS  
NOx: 9 PPMV, RULE 1146, WHEN FIRING NATURAL GAS AFTER JANUARY 1, 2015  
NOx: 40 PPMV, RULE 1146, WHEN FIRING AMBER 363  
CO: 400 PPMV, RULE 1146  
CO: 2000 PPMV, RULE 407  
CO: 50 PPMV, RULE 1303  
PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO OPERATE

Permit No. F98851  
A/N 454726

#### Equipment Description:

BOILER NO. 3, SUPERIOR SEMINOLE, MODEL NO. 6X-2000-5150, WITH A 16,000,000 BTU PER HOUR COEN MICRO-NOX BURNER, MODEL NO. HTE, NATURAL GAS, METHANE/NATURAL GAS BLEND, OR METHANE GAS FIRED, AND AMBER AS 363 STAND BY FUEL, WITH A 5 H.P. FAN AND AN INDUCED FLUE GAS RECIRCULATION SYSTEM.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146]
4. THIS BOILER SHALL BE OPERATED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF RULE 1146.  
[RULE 1146]
5. THIS BOILER SHALL BE FIRED WITH NATURAL GAS, NATURAL/METHANE GAS BLEND, OR METHANE GAS EXCEPT DURING TESTING, MAINTENANCE, NATURAL GAS CURTAILMENT, OR IN AN EVENT OF AN EMERGENCY, AT WHICH TIME AMBER 363 MAY BE USED.  
[RULE 1146]
6. WHILE OPERATING ON NATURAL GAS, THIS BOILER SHALL NOT EMIT MORE THAN 20 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, AND NOT MORE THAN 50 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>. WHILE OPERATING ON AMBER 363, THIS BOILER SHALL EMIT NO MORE THAN 40 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, AND NO MORE THAN 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1146, RULE 1303 (a)]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

7. WHENEVER THE BOILER IS OPERATED ON AMBER 363, RECORDS SHALL BE MAINTAINED FOR THE BOILER AND SHALL INCLUDE THE FOLLOWING. (1) THE DATE. (2) THE REASON THE BOILER WAS OPERATED ON AMBER 363. (3) THE HOURS OF OPERATION ON AMBER 363. ALL RECORDS SHALL BE, (1) RECORDED IN A MANNER WHICH HAS BEEN APPROVED IN WRITING BY THE EXECUTIVE OFFICER, (2) KEPT FOR AT LEAST FIVE YEARS, AND (3) MADE AVAILABLE TO SCAQMD PERSONNEL UPON REQUEST.  
[RULE 1146]

### Periodic Monitoring:

8. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 7.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a) (4)]
9. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 10.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a) (4)]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

10. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS COMBUSTED ONE MILLION GALLONS OF AMBER 363 FUEL, TO BE COUNTED CUMULATIVELY OVER A FIVE YEAR PERIOD. THE INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE HOUR, THE OPERATOR SHALL EITHER:
- E. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN THE SAME FASHION AS DEVIATIONS ARE REQUIRED TO BE REPORTED IN SECTION K OF THIS PERMIT; OR
  - F. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

IN ADDITION, THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- I. STACK OR EMISSION POINT IDENTIFICATION;
- J. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- K. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- L. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a) (4)]

### **Emissions And Requirements:**

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

NOx: 20 PPMV, RULE 1303, WHEN FIRING NATURAL GAS  
NOx: 9 PPMV, RULE 1146, WHEN FIRING NATURAL GAS AFTER JANUARY 1, 2015  
NOx: 40 PPMV, RULE 1146, WHEN FIRING AMBER 363  
CO: 400 PPMV, RULE 1146  
CO: 2000 PPMV, RULE 407  
CO: 50 PPMV, RULE 1303  
PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO OPERATE

Permit No. R-F52851  
A/N 329157

#### Equipment Description:

WASTE GAS COLLECTION, TREATMENT, AND DISPOSAL SYSTEM CONSISTING OF:

1. THREE VERTICAL GAS COLLECTION WELLS (NOS. 5, 6, 7A), TWO HORIZONTAL GAS COLLECTION WELLS (BALBOA COVE), AND EXTRACTION WELL FROM SUPPORTING SERVICES BUILDING.
2. TWO (2) COMPRESSOR/BLOWER PACKAGE, NOS. 1 AND 2 (ONE ON STAND-BY), BLOWER, EACH WITH AN INLET SCRUBBER, INLET AND OUTLET SILENCER, 30 H.P.
3. AFTERCOOLER, FORCED DRAFT WITH TWO 1/2 H.P. FANS.
4. TWO (2) SCRUBBERS, NOS. 1 AND 2, SULFATREAT, EACH 8' - 0" DIA. X 28' - 0" H., WITH 70,000 LBS SULFATREAT MEDIA, AND A CONTINUOUS HYDROGEN SULFIDE MONITOR.
5. FLARE (STAND-BY), VAREC, MODEL 239A-06 OR EQUIVALENT, LOW-NO<sub>x</sub> BURNER, 250 SCFM MAXIMUM, WITH A 3' - 6" DIA. X 15' - 0" H., REFRACTORY LINED STACK EXTENSION, TWO FLAME ARRESTORS, A LPG PILOT BURNER, AND AN AUTOMATIC PILOT IGNITION SYSTEM (MODIFIED VAREC 242UV).

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE HYDROGEN SULFIDE CONTENT OF THE GAS LEAVING THE SCRUBBER SHALL BE MEASURED AND RECORDED CONTINUOUSLY, THE TREATED GAS BURN IN THE FLARE SHALL BE IN COMPLIANCE WITH RULE 431.1.  
[RULE 431.1]
4. A FLOW INDICATOR AND RECORDING DEVICE SHALL BE OPERATED AND MAINTAINED IN THE GAS SUPPLY LINE TO THE FLARE THAT WILL MEASURE AND RECORD THE QUANTITY OF GAS (IN SCFM) BURNED IN THE FLARE. THE FLOW METER SHALL ALSO MEASURE THE TOTAL AMOUNT (IN CUBIC FEET) OF GAS BURNED IN A DAY.  
[RULE 1303 (b)(2)]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

5. THE GAS FLOW RATE TO THE FLARE SHALL NOT EXCEED 250 SCFM.  
[RULE 1303 (a)]
6. THE FLARE SHALL BE EQUIPPED WITH A TEMPERATURE INDICATOR AND RECORDER DEVICE WHICH MEASURES AND RECORDS THE EXHAUST GAS TEMPERATURE IN THE FLARE STACK. THE TEMPERATURE INDICATOR AND RECORDER SHALL OPERATE WHENEVER THE FLARE IS IN OPERATION. THE TEMPERATURE SHALL BE MEASURED AT A LOCATION ABOVE THE FLARE ZONE, AT LEAST 0.6 SECONDS DOWNSTREAM OF THE BURNER, AND NOT LESS THAN THREE (3) FEET BELOW THE TOP OF THE STACK  
[RULE 1303 (a)]
7. WHENEVER THE FLARE IS IN OPERATION, A TEMPERATURE OF NOT LESS THAN 1400 DEGREES F. AS MEASURED BY THE TEMPERATURE INDICATOR SHALL BE MAINTAINED IN THE FLARE STACK.  
[RULE 1303 (a)]
8. ALL RECORDING DEVICES SHALL BE SYNCHRONIZED WITH RESPECT TO THE TIME OF DAY.  
[RULE 1303 (b)(2)]
9. A GAS DETECTION SYSTEM SHALL BE INSTALLED AND MAINTAINED TO MONITOR THE LEVELS OF METHANE GAS AND HYDROGEN SULFIDE GAS IN THE ATMOSPHERE WITHIN THE PROCESSING SITE. SENSOR(S) SHALL BE INSTALLED NEAR THE SCRUBBER VESSELS, ADJACENT TO THE FLARE AND, TO THE SOUTH OF THE BLOWERS.  
[RULE 1303 (a)]
10. DAILY RECORDS SHALL BE KEPT AND MAINTAINED TO PROVE COMPLIANCE WITHIN CONDITION NOS. 3, 4, 5, AND 7 FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.  
[RULE 1303 (a)]
11. IN THE EVENT OF NATURAL GAS CURTAILMENT, THE FLARE SHALL NOT BE USED.  
[RULE 480]

### **Emissions And Requirements:**

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO OPERATE

Permit No. F 59911  
A/N 413982

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 5, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516B DITA, SERIAL NO. 1HZ02246, DIESEL FUELED, SIXTEEN CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2499 BHP.

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. THE OPERATOR SHALL KEEP A LOG OF ENGINE OPERATIONS DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE
  - B. MAINTENANCE AND TESTING
  - C. OTHER (BE SPECIFIC).IN ADDITION, FOR EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF ENGINE OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND THE END OF THE OPERATION.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]

## **FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN**

6. OPERATION BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
  
7. ON OR BEFORE JANUARY 15TH OF EACH YEAR THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG:
  - A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
  - B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATION LOG(S) SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.  
[RULE 1110.2, RULE 1304 (a), RULE 1470]
  
8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

**Emissions And Requirements:**

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO OPERATE

Permit No. F95074  
A/N 417410

#### Equipment Description:

BOILER, SUPERIOR SEMINOLE, MODEL NO. 6X-3000-S150, FIRETUBE TYPE, WITH A NATURAL GAS-FIRED, LOW NOX BURNER, ALZETA, MODEL NO. CSB-252-LEA, RATED AT 25,200,000 BTU PER HOUR, AND EQUIPPED WITH A FLUE GAS RECIRCULATION SYSTEM.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146]
4. THIS BOILER SHALL BE OPERATED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF RULE 1146.  
[RULE 1146]
5. THIS BOILER SHALL BE FIRED WITH NATURAL GAS ONLY.  
[RULE 1146]
6. THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, AND NOT MORE THAN 50 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1303 (a) (1)-BACT]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### Periodic Monitoring:

7. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 7.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a) (4)]
  
8. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 10.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a) (4)]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### Emissions And Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

NOx: 30 PPMV, RULE 1146

NOx: 9 PPMV, RULE 1146, WHEN FIRING NATURAL GAS AFTER JANUARY 1, 2015

CO: 400 PPMV, RULE 1146

CO: 2000 PPMV, RULE 407

PM: 0.1 GR/SCF, RULE 409

NOx: 9 PPMV, RULE 1303

CO: 50 PPMV, RULE 1303

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO OPERATE

Permit No. F98904  
A/N 483177

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3456 DITAAA, DIESEL FUELED, SIX CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 610 BHP.

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 1110.2, RULE 1304 (a)]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1110.2, RULE 1304 (a)]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED ON FILE TO RECORD WHEN THIS ENGINE IS STARTED MANUALLY. THE LOG SHALL LIST THE DATE OF OPERATION, THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION, AND THE REASON FOR OPERATION FOR A MINIMUM OF TWO CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPERATION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 1110.2, RULE 1304 (a)]
6. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

#### Emissions And Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO CONSTRUCT

Permit No.  
A/N 406575

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 1, WAUKESHA, MODEL NO. P9390GSI SPARK IGNITED, FOUR CYCLE, RICH BURN, NATURAL GAS FIRED, 2080 BHP, SIXTEEN CYLINDERS, TURBOCHARGED, AFTERCOOLED, DRIVING A COGENERATION PLANT, WITH A CATALYTIC CONVERTER, NON-SELECTIVE TYPE, JOHNSON MATTHEY, MODEL NO. QXC90D-16, AND AN AIR TO FUEL RATIO CONTROLLER, MIRATECH, MODEL NO. MEC-2001.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS FOR RULE 1110.2 INCLUDING SECTION (f) (1) (C)(i) FOR VOC SOURCE TESTING.  
[RULE 1110.2]
4. THIS ENGINE SHALL NOT BE OPERATED WITHOUT THE USE OF AN AUTOMATIC AIR TO FUEL RATIO CONTROLLER WHICH SHALL BE MAINTAINED AND KEPT IN PROPER OPERATING CONDITIONS AT ALL TIMES AS SPECIFIED BY THE MANUFACTURER.  
[RULE 1303 (a) (1)-BACT]
5. THE CATALYTIC CONVERTER TEMPERATURE AND EXHAUST OXYGEN CONCENTRATION SHALL BE MAINTAINED WITHIN THE EFFECTIVE OPERATING RANGE OF THE CATALYTIC CONVERTER AS SPECIFIED BY THE MANUFACTURER.  
[RULE 1303 (a) (1)-BACT]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

6. THE EMISSIONS FROM THIS ENGINE SHALL NOT EXCEED THE FOLLOWING LIMITS (EXCEPT DURING COLD START-UP, NOT TO EXCEED 10 MINUTES):

		AFTER JULY 1, 2010		
	PPMV (at 15% O <sub>2</sub> ) (DRY)	PPMV (at 15% O <sub>2</sub> ) (DRY)	PPMV (at 15% O <sub>2</sub> ) (DRY)	GM/BHP-HR
VOLATILE ORGANIC GASES (VOC)	37	30		0.15
NITROGEN OXIDES	13	11		0.15
CARBON MONOXIDE	33	33		0.24
PARTICULATE MATTER UNDER 10 MICRONS (PM <sub>10</sub> )				0.045

[RULE 1303 (a) (1)-BACT, RULE 1110.2]

7. RECORDS SHALL BE MAINTAINED IN ORDER TO COMPLY WITH CONDITION NOS. 3, 5, AND 6. THE RECORDS SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303 (a) (1)-BACT, RULE 3004 (a) (4)]
8. THE ELECTRICITY GENERATED BY THIS ENGINE SHALL ONLY BE UTILIZED FOR THE HOSPITAL'S ENERGY REQUIREMENTS AND SHALL NOT BE SOLD OR DISTRIBUTED TO ANY ELECTRIC UTILITY COMPANY.  
[RULE 1110.2; RULE 1303 (a) (1)-BACT]
9. A CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) APPROVED BY THE DISTRICT ACCORDING TO RULE 218 SHALL BE INSTALLED, MAINTAINED AND OPERATED. IT SHALL MEASURE RECORD, OVER A FIFTEEN MINUTE AVERAGE TIME PERIOD. NOX, CO, AND O<sub>2</sub> CONCENTRATIONS, ON A DRY BASIS OF THE INTERNAL COMBUSTION ENGINE EXHAUST, MEASURED AT THE STACK. THE SYSTEM SHALL ALSO CONVERT THE ACTUAL NOX CONCENTRATIONS TO A CORRECTED CONCENTRATION AT 15% OXYGEN, ON A DRY BASIS, AND CONTINUOUSLY RECORD THE CORRECTED STACK NOX CONCENTRATIONS. IN ADDITION, THE SYSTEM SHALL MONITOR AND RECORD THE DAILY NOX EMISSIONS IN POUNDS PER DAY AT THE OUTLET OF THE CONTROL SYSTEM. THIS MONITORING SYSTEM SHALL BE CERTIFIED TO COMPLY WITH THE REQUIREMENTS OF RULE 218.  
[RULE 1110.2]
11. A DATA ACQUISITION SYSTEM SHALL BE INSTALLED AND MAINTAINED AS PER RULE 1110.2 (f) (1) (B).  
[RULE 1110.2]

**Emissions And Requirements:**

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO CONSTRUCT

Permit No.  
A/N 406576

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 2, WAUKESHA, MODEL NO. P9390GSI SPARK IGNITED, FOUR CYCLE, RICH BURN, NATURAL GAS FIRED, 2080 BHP, SIXTEEN CYLINDERS, TURBOCHARGED, AFTERRCOOLED, DRIVING A COGENERATION PLANT, WITH A CATALYTIC CONVERTER, NON-SELECTIVE TYPE, JOHNSON MATTHEY, MODEL NO. QXC90D-16, AND AN AIR TO FUEL RATIO CONTROLLER, MIRATECH, MODEL NO. MEC-2001.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS FOR RULE 1110.2 INCLUDING SECTION (f) (1) (C) (i) FOR VOC SOURCE TESTING.  
[RULE 1110.2]
4. THIS ENGINE SHALL NOT BE OPERATED WITHOUT THE USE OF AN AUTOMATIC AIR TO FUEL RATIO CONTROLLER WHICH SHALL BE MAINTAINED AND KEPT IN PROPER OPERATING CONDITIONS AT ALL TIMES AS SPECIFIED BY THE MANUFACTURER.  
[RULE 1303 (a) (1)-BACT]
5. THE CATALYTIC CONVERTER TEMPERATURE AND EXHAUST OXYGEN CONCENTRATION SHALL BE MAINTAINED WITHIN THE EFFECTIVE OPERATING RANGE OF THE CATALYTIC CONVERTER AS SPECIFIED BY THE MANUFACTURER.  
[RULE 1303 (a) (1)-BACT]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

6. THE EMISSIONS FROM THIS ENGINE SHALL NOT EXCEED THE FOLLOWING LIMITS (EXCEPT DURING COLD START-UP, NOT TO EXCEED 10 MINUTES):

		AFTER JULY 1, 2010	
	PPMV (at 15% O <sub>2</sub> ) (DRY)	PPMV (at 15% O <sub>2</sub> ) (DRY)	GM/BHP-HR
VOLATILE ORGANIC GASES (VOC)	37	30	0.15
NITROGEN OXIDES	13	11	0.15
CARBON MONOXIDE	33	33	0.24
PARTICULATE MATTER UNDER 10 MICRONS (PM <sub>10</sub> )			0.045
[RULE 1303 (a) (1)-BACT, RULE 1110.2]			

7. RECORDS SHALL BE MAINTAINED IN ORDER TO COMPLY WITH CONDITION NOS. 3, 5, AND 6. THE RECORDS SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT PERSONNEL UPON REQUEST.  
 [RULE 1303 (a) (1)-BACT, RULE 3004 (a) (4)]
8. THE ELECTRICITY GENERATED BY THIS ENGINE SHALL ONLY BE UTILIZED FOR THE HOSPITAL'S ENERGY REQUIREMENTS AND SHALL NOT BE SOLD OR DISTRIBUTED TO ANY ELECTRIC UTILITY COMPANY.  
 [RULE 1110.2; RULE 1303 (a) (1)-BACT]
9. A CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) APPROVED BY THE DISTRICT ACCORDING TO RULE 218 SHALL BE INSTALLED, MAINTAINED AND OPERATED. IT SHALL MEASURE RECORD, OVER A FIFTEEN MINUTE AVERAGE TIME PERIOD. NOX, CO, AND O<sub>2</sub> CONCENTRATIONS, ON A DRY BASIS OF THE INTERNAL COMBUSTION ENGINE EXHAUST, MEASURED AT THE STACK. THE SYSTEM SHALL ALSO CONVERT THE ACTUAL NOX CONCENTRATIONS TO A CORRECTED CONCENTRATION AT 15% OXYGEN, ON A DRY BASIS, AND CONTINUOUSLY RECORD THE CORRECTED STACK NOX CONCENTRATIONS. IN ADDITION, THE SYSTEM SHALL MONITOR AND RECORD THE DAILY NOX EMISSIONS IN POUNDS PER DAY AT THE OUTLET OF THE CONTROL SYSTEM. THIS MONITORING SYSTEM SHALL BE CERTIFIED TO COMPLY WITH THE REQUIREMENTS OF RULE 218.  
 [RULE 1110.2]
10. A DATA ACQUISITION SYSTEM SHALL BE INSTALLED AND MAINTAINED AS PER RULE 1110.2 (f) (1) (B).  
 [RULE 1110.2]

**Emissions And Requirements:**

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### PERMIT TO CONSTRUCT

Permit No.  
A/N 406577

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 3, WAUKESHA, MODEL NO. P9390GSI SPARK IGNITED, FOUR CYCLE, RICH BURN, NATURAL GAS FIRED, 2080 BHP, SIXTEEN CYLINDERS, TURBOCHARGED, AFTERRCOOLED, DRIVING A COGENERATION PLANT, WITH A CATALYTIC CONVERTER, NON-SELECTIVE TYPE, JOHNSON MATTHEY, MODEL NO. QXC90D-16, AND AN AIR TO FUEL RATIO CONTROLLER, MIRATECH, MODEL NO. MEC-2001.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS FOR RULE 1110.2 INCLUDING SECTION (f) (1) (C) (i) FOR VOC SOURCE TESTING.  
[RULE 1110.2]
4. THIS ENGINE SHALL NOT BE OPERATED WITHOUT THE USE OF AN AUTOMATIC AIR TO FUEL RATIO CONTROLLER WHICH SHALL BE MAINTAINED AND KEPT IN PROPER OPERATING CONDITIONS AT ALL TIMES AS SPECIFIED BY THE MANUFACTURER.  
[RULE 1303 (a) (1)-BACT]
5. THE CATALYTIC CONVERTER TEMPERATURE AND EXHAUST OXYGEN CONCENTRATION SHALL BE MAINTAINED WITHIN THE EFFECTIVE OPERATING RANGE OF THE CATALYTIC CONVERTER AS SPECIFIED BY THE MANUFACTURER.  
[RULE 1303 (a) (1)-BACT]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

6. THE EMISSIONS FROM THIS ENGINE SHALL NOT EXCEED THE FOLLOWING LIMITS (EXCEPT DURING COLD START-UP, NOT TO EXCEED 10 MINUTES):

		AFTER JULY 1, 2010	
	PPMV (at 15% O <sub>2</sub> ) (DRY)	PPMV (at 15% O <sub>2</sub> ) (DRY)	GM/BHP-HR
VOLATILE ORGANIC GASES (VOC)	37	30	0.15
NITROGEN OXIDES	13	11	0.15
CARBON MONOXIDE	33	33	0.24
PARTICULATE MATTER UNDER 10 MICRONS (PM <sub>10</sub> )			0.045

[RULE 1303 (a) (1)-BACT, RULE 1110.2]

7. RECORDS SHALL BE MAINTAINED IN ORDER TO COMPLY WITH CONDITION NOS. 3, 5, AND 6. THE RECORDS SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303 (a) (1)-BACT, RULE 3004 (a) (4)]
8. THE ELECTRICITY GENERATED BY THIS ENGINE SHALL ONLY BE UTILIZED FOR THE HOSPITAL'S ENERGY REQUIREMENTS AND SHALL NOT BE SOLD OR DISTRIBUTED TO ANY ELECTRIC UTILITY COMPANY.  
[RULE 1110.2; RULE 1303 (a) (1)-BACT]
9. A CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) APPROVED BY THE DISTRICT ACCORDING TO RULE 218 SHALL BE INSTALLED, MAINTAINED AND OPERATED. IT SHALL MEASURE RECORD, OVER A FIFTEEN MINUTE AVERAGE TIME PERIOD. NOX AND O<sub>2</sub> CONCENTRATIONS, ON A DRY BASIS OF THE INTERNAL COMBUSTION ENGINE EXHAUST, MEASURED AT THE STACK. THE SYSTEM SHALL ALSO CONVERT THE ACTUAL NOX CONCENTRATIONS TO A CORRECTED CONCENTRATION AT 15% OXYGEN, ON A DRY BASIS, AND CONTINUOUSLY RECORD THE CORRECTED STACK NOX CONCENTRATIONS. IN ADDITION, THE SYSTEM SHALL MONITOR AND RECORD THE DAILY NOX EMISSIONS IN POUNDS PER DAY AT THE OUTLET OF THE CONTROL SYSTEM. THIS MONITORING SYSTEM SHALL BE CERTIFIED TO COMPLY WITH THE REQUIREMENTS OF RULE 218.  
[RULE 1110.2]
10. A DATA ACQUISITION SYSTEM SHALL BE INSTALLED AND MAINTAINED AS PER RULE 1110.2 (f) (1) (B).  
[RULE 1110.2]

**Emissions And Requirements:**

## **FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, KITCHEN EQUIPMENT AND BURNERS.

**Emissions And Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

# **FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN**

## **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, UNDERGROUND FUEL TANKS.

**Emissions And Requirements:**

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### RULE 219 EQUIPMENT

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, COATING OPERATIONS, ARCHITECTURAL COATINGS.

**Periodic Monitoring:**

1. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS OF ALL COATINGS CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATINGS, (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.  
FOR OTHER ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS FOR EACH COATING CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS APPLIED IN GRAMS PER LITER (g/l) OF MATERIALS USED FOR LOW-SOLIDS COATINGS' (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.  
[RULE 3004 (a) (4)]

**Emissions And Requirements:**

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMIT

## **FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS.

**Emissions And Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

REFRIGERANT:           RULE 1411  
REFRIGERANT:           40CFR 82 SUBPART F

## **FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN**

### **SECTION E: ADMINISTRATIVE CONDITIONS**

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
  - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
  - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
  - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]
5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least five years. [204]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### SECTION E: ADMINISTRATIVE CONDITIONS

7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
  - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134]
  - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
  - c. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
  - d. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO<sub>2</sub>) and be averaged over 15 consecutive minutes; [407]
  - e. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO<sub>2</sub>) at standard conditions and averaged over a minimum of 15 consecutive minutes. [409]
  - f. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O<sub>2</sub>) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
  
8. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
  - a. Brief description of the equipment tested.
  - b. Brief process description, including maximum and normal operating temperatures, pressures, throughput, etc.
  - c. Operating conditions under which the test will be performed.
  - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream)

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### SECTION E: ADMINISTRATIVE CONDITIONS

- e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates; and moisture.
  - f. Description of calibration and quality assurance procedures.
  - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (conflict of interest).
9. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD rules or equipment-specific conditions. The report shall contain the following information: [204]
- a. The results of the source test.
  - b. Brief description of the equipment tested.
  - c. Operating conditions under which the test was performed.
  - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream)
  - e. Field and laboratory data forms, strip charts and analyses.
  - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
10. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]
11. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]

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**SECTION F: RECLAIM Monitoring and Source Testing Requirements**

**NOT APPLICABLE**

**FACILITY PERMIT TO OPERATE  
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**SECTION G: Recordkeeping and Reporting Requirements for RECLAIM Sources**

**NOT APPLICABLE**

**FACILITY PERMIT TO OPERATE  
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

See Section D of this permit for any Permit to construct issued to this facility.

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**SECTION I: PLANS AND SCHEDULES**

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules.

NONE

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

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**SECTION J: AIR TOXICS**

**NOT APPLICABLE**

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### SECTION K: TITLE V Administration

#### GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

#### Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under Section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]  
  
(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

#### Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

#### Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

#### Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:  
  
(A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### SECTION K: TITLE V Administration

- (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
- (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

### COMPLIANCE PROVISIONS

- 8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
  - (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
  - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]
- 9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
  - (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
  - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
  - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
  - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]
- 10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### SECTION K: TITLE V Administration

11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]
14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
  - (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
  - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
  - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
  - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
  - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
  - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after

## **FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN**

### **SECTION K: TITLE V Administration**

commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### SECTION K: TITLE V Administration

#### EMERGENCY PROVISIONS

17. An emergency<sup>1</sup> constitutes an affirmative defense to an action brought for non-compliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
    - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
    - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
    - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
    - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
  - (B) The operator complies with the breakdown provisions of Rule 430 - Breakdown Provisions, or subdivision (i) of Rule 2004 - Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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<sup>1</sup> "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### SECTION K: TITLE V Administration

#### RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
  - (B) The date(s) analyses were performed;
  - (C) The company or entity that performed the analyses;
  - (D) The analytical techniques or methods used;
  - (E) The results of such analyses; and
  - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

#### REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:
- (A) Breakdowns shall be reported as required by Rule 430 - Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.
  - (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.

## FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN

### SECTION K: TITLE V Administration

- (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
- (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;
- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.
- The EPA copy of the certification shall be sent to: Director of the Air Division Attn: Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]
25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

## **FACILITY PERMIT TO OPERATE HOAG MEM HOSP PRESBYTERIAN**

### **SECTION K: TITLE V Administration**

#### **PERIODIC MONITORING**

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the Title V application file. [3004(a)(4)]

**FACILITY PERMIT TO OPERATE  
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**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN  
PERMIT PURSUANT TO RULE 219**

NONE

**FACILITY PERMIT TO OPERATE  
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**APPENDIX B: RULE EMISSION LIMITS**

**NOT APPLICABLE**



**Title V  
Form 500-C1**

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
Compliance Status Report**

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

**Section I - General Information**

1. Facility Name: Hoag Memorial Hospital Presbyterian

Facility ID (6-Digit): 11245

**PROCEDURES FOR DETERMINING COMPLIANCE STATUS**

1. **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.
2. **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.
3. **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.
4. **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 completing Form 500-D and is approved by AQMD.
5. **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.\*\*
6. **Identify Local-Only Enforceable Regulatory Requirements:** Use Section V to identify AQMD rules that are not SIP-approved and are not federally enforceable.
7. **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 206, Rule 207, Rule 208, Rule 209, Rule 210, Rule 212, Rule 214, Rule 215, Rule 216, Rule 217, 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
<input checked="" type="checkbox"/> All Air Pollution Control Equipment Using Combustion (RECLAIM & non-RECLAIM sources)	<input checked="" type="checkbox"/> Rule 480 (10/07/77)	N/A	N/A
<input type="checkbox"/> All Coating Operations	<input type="checkbox"/> Rule 442 (12/15/00)	<input type="checkbox"/> Rule 442(f)	<input type="checkbox"/> Rule 442(g)
<input type="checkbox"/> All Combustion Equipment, ≥ 555 Mmbtu/Hr (except for NOx RECLAIM sources)	<input type="checkbox"/> Rule 474 (12/04/81)		
<input checked="" type="checkbox"/> All Combustion Equipment Except Internal Combustion Engines (RECLAIM & non-RECLAIM sources)	<input checked="" type="checkbox"/> Rule 407 (04/02/82) <input checked="" type="checkbox"/> Rule 409 (08/07/81)	<input checked="" type="checkbox"/> AQMD TM 100.1 or 10.1, 307-91 <input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
<input checked="" type="checkbox"/> All Combustion Equipment Using Gaseous Fuel (except SOx RECLAIM sources)	<input checked="" type="checkbox"/> Rule 431.1 (06/12/98)	<input checked="" type="checkbox"/> Rule 431.1(f)	<input checked="" type="checkbox"/> Rule 431.1(d) & (e)
<input checked="" type="checkbox"/> All Combustion Equipment Using Liquid Fuel (except SOx RECLAIM sources)	<input checked="" type="checkbox"/> Rule 431.2 (09/15/00)	<input checked="" type="checkbox"/> Rule 431.2(g)	<input checked="" type="checkbox"/> Rule 431.2(f)
<input type="checkbox"/> All Combustion Equipment Using Fossil Fuel (except SOx RECLAIM sources)	<input type="checkbox"/> Rule 431.3 (05/07/76)		
<input checked="" type="checkbox"/> All Equipment	<input checked="" type="checkbox"/> Rule 401 (11/09/01) <input checked="" type="checkbox"/> Rule 405 (02/07/86) <input checked="" type="checkbox"/> Rule 408 (05/07/76) <input checked="" type="checkbox"/> Rule 430 (07/12/96) <input checked="" type="checkbox"/> Rule 701 (06/13/97) <input checked="" type="checkbox"/> New Source Review, BACT <input checked="" type="checkbox"/> Rule 1703 (10/07/88) <input type="checkbox"/> 40 CFR68 - Accidental Release Prevention	<input checked="" type="checkbox"/> California Air Resources Board Visible Emission Evaluation <input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3  N/A  See Applicable Subpart	<input checked="" type="checkbox"/> Rule 430(b)   See Applicable Subpart
<input type="checkbox"/> All Equipment Processing Solid Materials	<input type="checkbox"/> Rule 403 (04/02/04)	<input type="checkbox"/> Rule 403(d)(4)	<input type="checkbox"/> Rule 403(f)
<input checked="" type="checkbox"/> All Equipment With Exhaust Stack (except cement kilns subject to Rule 1112.1)	<input checked="" type="checkbox"/> Rule 404 (02/07/86)	<input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
<input checked="" type="checkbox"/> All Facilities Using Solvents to Clean Various Items or Equipment	<input checked="" type="checkbox"/> Rule 109 (05/02/03) <input checked="" type="checkbox"/> Rule 1171 (11/07/03) <input type="checkbox"/> 40 CFR63 SUBPART T	<input checked="" type="checkbox"/> Rule 109(g) <input checked="" type="checkbox"/> Rule 1171(f) See Applicable Subpart	<input checked="" type="checkbox"/> Rule 109(c) <input checked="" type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> All RECLAIM Equipment (NOx & SOx)	<input type="checkbox"/> Reg. XX - RECLAIM	<input type="checkbox"/> Rule 2011, App. A (12/05/03) <input type="checkbox"/> Rule 2012, App. A (12/05/03)	<input type="checkbox"/> Rule 2011, App. A (12/05/03) <input type="checkbox"/> Rule 2012, App. A (12/05/03)
<input type="checkbox"/> Abrasive Blasting	<input type="checkbox"/> Rule 1140 (08/02/85)	<input type="checkbox"/> Rule 1140(d) & (e), AQMD Visible Emission Method	
<input type="checkbox"/> Aggregate and Related Operations	<input type="checkbox"/> Rule 1157 (01/07/05)	<input type="checkbox"/> Rule 1157(f)	<input type="checkbox"/> Rule 1157(e)
<input checked="" type="checkbox"/> Appliances Containing Ozone Depleting Substances (except Motor Vehicle Air Conditioners); Manufacturing, Repair, Maintenance, Service, & Disposal	<input checked="" type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart

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

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

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

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

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

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

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

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

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

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input checked="" type="checkbox"/> Coating Operation, Use Of Architectural Coating (Stationary Structures)	<input type="checkbox"/> 40 CFR63 SUBPART KK <input checked="" type="checkbox"/> Rule 109 (05/02/03) <input checked="" type="checkbox"/> Rule 481 (01/11/02) <input checked="" type="checkbox"/> Rule 1113 (07/09/04) <input type="checkbox"/> Rule 1132 (05/07/04) <input checked="" type="checkbox"/> Rule 1171 (11/07/03)	See Applicable Subpart <input checked="" type="checkbox"/> Rule 109(g) <input checked="" type="checkbox"/> Rule 481(d) <input checked="" type="checkbox"/> Rule 1113(c) <input type="checkbox"/> Rule 1132(f) <input checked="" type="checkbox"/> Rule 1171(f)	See Applicable Subpart <input checked="" type="checkbox"/> Rule 109(c)  <input type="checkbox"/> Rule 1132(g) <input checked="" type="checkbox"/> Rule 1171(c)(6)  <input type="checkbox"/> Rule 109(c)  <input type="checkbox"/> Rule 1104(d) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart <input type="checkbox"/> Rule 109(c)  <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1136(d) & (g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coating Operation, Wood Flat Stock	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1104 (08/13/99) <input type="checkbox"/> Rule 1132 (05/07/04) <input type="checkbox"/> Rule 1171 (11/07/03) <input type="checkbox"/> 40 CFR63 SUBPART II	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1104(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(f) See Applicable Subpart	See Applicable Subpart <input type="checkbox"/> Rule 109(c)  <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1136(d) & (g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coating Operation, Wood Products (Commercial Furniture, Cabinets, Shutters, Frames, Toys)	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1132 (05/07/04) <input type="checkbox"/> Rule 1136 (06/14/96) <input type="checkbox"/> Rule 1171 (11/07/03) <input type="checkbox"/> 40 CFR63 SUBPART JJ	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1136(f) <input type="checkbox"/> Rule 1171(f) See Applicable Subpart	See Applicable Subpart <input type="checkbox"/> Rule 109(c)  <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1136(d) & (g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coater	See Coating Operations		
<input type="checkbox"/> Columns	See Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Composting Operation	<input type="checkbox"/> Rule 1133 (01/10/03) <input type="checkbox"/> Rule 1133.1 (01/10/03) <input type="checkbox"/> Rule 1133.2 (01/10/03)	<input type="checkbox"/> Rule 1133.1(c) <input type="checkbox"/> Rule 1133.2(g)	<input type="checkbox"/> Rule 1133.1(d) <input type="checkbox"/> Rule 1133.2(h)
<input type="checkbox"/> Compressors	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Concrete Batch Plants	See Nonmetallic Mineral Processing Plants		
<input type="checkbox"/> Consumer Product Manufacturing	See Manufacturing, Consumer Product		
<input type="checkbox"/> Cooling Tower, Hexavalent Chromium	<input type="checkbox"/> 40 CFR63 SUBPART Q <input type="checkbox"/> Rule 1426 (05/02/03)	See Applicable Subpart	See Applicable Subpart <input type="checkbox"/> Rule 1426(e)
<input type="checkbox"/> Copper Electroplating Operation	See Oil Well Operations		
<input type="checkbox"/> Crude Oil Production	See Nonmetallic Mineral Processing Plants		
<input type="checkbox"/> Crusher	<input type="checkbox"/> Rule 1127 <input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1122 (10/01/04) <input type="checkbox"/> Rule 1171 (11/07/03) <input type="checkbox"/> 40 CFR63 SUBPART T	<input type="checkbox"/> Rule 1127(h) <input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1122(h) <input type="checkbox"/> Rule 1171(f) See Applicable Subpart	<input type="checkbox"/> Rule 1127(g) <input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1122(i) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart <input type="checkbox"/> Rule 1421(g) & (h) <input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1102(f) See Applicable Subpart <input type="checkbox"/> Rule 1421(g) & (h)
<input type="checkbox"/> Dairy Farms and Related Operations	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1102 (11/17/00) <input type="checkbox"/> 40 CFR60 SUBPART UUU	<input type="checkbox"/> Rule 1421(e) & (i) <input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1102(g) See Applicable Subpart	<input type="checkbox"/> Rule 1421(g) & (h) <input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1102(f) See Applicable Subpart <input type="checkbox"/> Rule 1421(g) & (h)
<input type="checkbox"/> Degreasers	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1102 (11/17/00) <input type="checkbox"/> 40 CFR60 SUBPART UUU	<input type="checkbox"/> Rule 1421(e) & (i) <input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1102(g) See Applicable Subpart	<input type="checkbox"/> Rule 1421(g) & (h) <input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1102(f) See Applicable Subpart <input type="checkbox"/> Rule 1421(g) & (h)
<input type="checkbox"/> Dry Cleaning, Perchloroethylene	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1102 (11/17/00) <input type="checkbox"/> 40 CFR60 SUBPART UUU	<input type="checkbox"/> Rule 1421(e) & (i) <input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1102(g) See Applicable Subpart	<input type="checkbox"/> Rule 1421(g) & (h) <input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1102(f) See Applicable Subpart <input type="checkbox"/> Rule 1421(g) & (h)
<input type="checkbox"/> Dry Cleaning, Petroleum Solvent	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1102 (11/17/00) <input type="checkbox"/> 40 CFR60 SUBPART UUU	<input type="checkbox"/> Rule 1421(e) & (i) <input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1102(g) See Applicable Subpart	<input type="checkbox"/> Rule 1421(g) & (h) <input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1102(f) See Applicable Subpart <input type="checkbox"/> Rule 1421(g) & (h)
<input type="checkbox"/> Dryers, Mineral Industries	<input type="checkbox"/> 40 CFR60 SUBPART UUU	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Ethylene Oxide Sterilizer	See Sterilizer, Ethylene Oxide		
<input type="checkbox"/> Flanges	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		

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

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input type="checkbox"/> Fluid Catalytic Cracking Unit	<input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 1105 (09/01/84) <input type="checkbox"/> Rule 1105.1 (11/07/03)	<input type="checkbox"/> AQMD TM 100.1 <input type="checkbox"/> Rule 1105(c)(1) <input type="checkbox"/> Rule 1105.1(f)	<input type="checkbox"/> Rule 218(e) & (f) <input type="checkbox"/> Rule 1105(c)(2) <input type="checkbox"/> Rule 1105.1(e) See Applicable Subpart
<input type="checkbox"/> Foundries, Iron and Steel	<input type="checkbox"/> 40 CFR63 SUBPART EEEEE See Manufacturing, Friction Materials	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Friction Materials Manufacturing	See Manufacturing, Friction Materials		
<input type="checkbox"/> Fugitive Emissions, Benzene	<input type="checkbox"/> Rule 1173 (12/06/02) <input type="checkbox"/> 40 CFR61 SUBPART L <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Fugitive Emissions, Chemical Plant	<input type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input type="checkbox"/> Rule 1173 (12/06/02) <input type="checkbox"/> 40 CFR60 SUBPART VV <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) <input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) <input type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Fugitive Emissions, Natural Gas Processing Plant	<input type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input type="checkbox"/> Rule (12/06/02) <input type="checkbox"/> 40 CFR60 SUBPART KKK <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) <input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) <input type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Fugitive Emissions, Oil & Gas Production Facility	<input type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input type="checkbox"/> Rule 1173 (12/06/02) <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I	<input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) <input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) <input type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart

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

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
	<input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Fugitive Emissions, Pipeline Transfer Station	<input type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input type="checkbox"/> Rule 1173 (12/06/02)	<input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) <input type="checkbox"/> Rule 1173(i)	<input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) <input type="checkbox"/> Rule 1173(i)
	<input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	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 See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Furnace, Basic Oxygen Process	<input type="checkbox"/> 40 CFR60 SUBPART Na	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Furnace, Electric Arc, For Steel Plants Constructed After August 17, 1983	<input type="checkbox"/> 40 CFR60 SUBPART AAA	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Furnace, Electric Arc, For Steel Plants: Constructed After Oct. 21, 1974, & On Or Before Aug. 17, 1983	<input type="checkbox"/> 40 CFR60 SUBPART AA	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Furnace, Glass Melting	<input type="checkbox"/> Rule 1117 (01/06/84) <input type="checkbox"/> 40 CFR60 SUBPART CC	<input type="checkbox"/> Rule 1117(c), AQMD TM 7.1 or 100.1 See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Furnace, Lead Melting, Automotive Batteries	<input type="checkbox"/> Rule 1101 (10/07/77) <input type="checkbox"/> 40 CFR63 SUBPART X	<input type="checkbox"/> AQMD TM 6.1 See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Gasoline Transfer & Dispensing Operation	<input type="checkbox"/> Rule 461 (01/09/04)	<input type="checkbox"/> Rule 461(f)	<input type="checkbox"/> Rule 461(c)(6) & (c)(7)
<input type="checkbox"/> Glass Manufacturing	See Manufacturing, Glass		
<input type="checkbox"/> Grain Elevators	<input type="checkbox"/> 40 CFR60 SUBPART DD <input type="checkbox"/> 40 CFR82 SUBPART H	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Halon-containing Equipment, Use for Technician Training, Testing, Maintenance, Service, Repair, or Disposal			
<input type="checkbox"/> Heater, Asphalt Pavement	<input type="checkbox"/> Rule 1120 (08/04/78)	<input type="checkbox"/> AQMD Visible Emissions, AQMD TM 6.2	<input type="checkbox"/> Rule 1120(f)
<input type="checkbox"/> Heaters, Petroleum Refinery Process	<input type="checkbox"/> Rule 429 (12/21/90) <input type="checkbox"/> Rule 431.1 (06/12/98) <input type="checkbox"/> Rule 1146 (11/17/00) <input type="checkbox"/> 40 CFR60 SUBPART J <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	N/A <input type="checkbox"/> Rule 431.1(f) <input type="checkbox"/> Rule 1146(d) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 429(d) <input type="checkbox"/> Rule 431.1(d) & (e) <input type="checkbox"/> Rule 1146(c)(6) & (c)(7) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Heaters, Process	See Boilers		
<input type="checkbox"/> Incinerators	<input type="checkbox"/> 40 CFR60 SUBPART E <input type="checkbox"/> 40 CFR61 SUBPART P	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Inorganic Arsenic Emissions, Arsenic Trioxide & Metallic Arsenic Production Facilities			

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

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input checked="" type="checkbox"/> Internal Combustion Engines, Reciprocating	<input checked="" type="checkbox"/> 40 CFR63 SUBPART ZZZZ	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Kiln, Cement Plant	<input type="checkbox"/> Rule 1112 (01/06/86) <input type="checkbox"/> Rule 1112.1 (02/07/86) <input type="checkbox"/> 40 CFR60 SUBPART F	N/A N/A See Applicable Subpart	N/A N/A See Applicable Subpart
<input type="checkbox"/> Landfills	<input type="checkbox"/> Rule 1150 (10/15/82) <input type="checkbox"/> Rule 1150.1 (03/17/00) <input type="checkbox"/> 40 CFR60 SUBPART WWW <input type="checkbox"/> 40 CFR63 SUBPART AAAA	<input type="checkbox"/> Rule 1150.1(j) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1150.1(e) & (f) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Lead Acid Battery Manufacturing Plants	See Manufacturing, Lead Acid Battery		
<input type="checkbox"/> Lead Electroplating Operation	<input type="checkbox"/> Rule 1426 (05/02/03)		<input type="checkbox"/> Rule 1426(e) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Asphalt Processing & Roofing	<input type="checkbox"/> Rule 470 (05/07/76) <input type="checkbox"/> Rule 1108 (02/01/85) <input type="checkbox"/> Rule 1108.1 (11/04/83) <input type="checkbox"/> 40 CFR60 SUBPART UU <input type="checkbox"/> 40 CFR63 SUBPART LLLLL	N/A <input type="checkbox"/> Rule 1108(b) <input type="checkbox"/> Rule 1108.1 (b) See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Brick & Structural Clay Products	<input type="checkbox"/> 40 CFR63 SUBPART JJJJ	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Clay Ceramics	<input type="checkbox"/> 40 CFR63 SUBPART KKKK	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Coatings & Ink (SIC Code 2851)	<input type="checkbox"/> Rule 1141.1 (11/17/00) <input type="checkbox"/> 40 CFR63 SUBPART HHHH	N/A See Applicable Subpart	<input type="checkbox"/> Rule 1141.1(c) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Consumer Product	<input type="checkbox"/> Title 17 CCR 94500		
<input type="checkbox"/> Manufacturing, Food Product	<input type="checkbox"/> Rule 1131 (06/06/03)	<input type="checkbox"/> Rule 1131(e)	<input type="checkbox"/> Rule 1131(d) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Friction Materials	<input type="checkbox"/> 40 CFR63 SUBPART QQQQ	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Glass	<input type="checkbox"/> Rule 1117 (01/06/84) <input type="checkbox"/> 40 CFR60 SUBPART CC <input type="checkbox"/> 40 CFR61 SUBPART N	<input type="checkbox"/> Rule 1117(c), AQMD TM 7.1 or 100.1 See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Hydrochloric Acid	<input type="checkbox"/> 40 CFR63 SUBPART NNNN	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Lead-Acid Battery	<input type="checkbox"/> 40 CFR60 SUBPART KK	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Lime	<input type="checkbox"/> 40 CFR63 SUBPART AAAA	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Magnetic Tape Industry	<input type="checkbox"/> 40 CFR60 SUBPART SSS <input type="checkbox"/> 40 CFR63 SUBPART EE	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Miscellaneous Organic Chemical	<input type="checkbox"/> 40 CFR63 SUBPART FFFF	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Nitric Acid	<input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 1159 (12/06/85) <input type="checkbox"/> 40 CFR60 SUBPART G	<input type="checkbox"/> AQMD TM 100.1 <input type="checkbox"/> AQMD TM 7.1 or 100.1 See Applicable Subpart	<input type="checkbox"/> Rule 218(e) & (f) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Plywood & Composite Wood Products	<input type="checkbox"/> Rule 1137 (02/01/02) <input type="checkbox"/> 40 CFR63 SUBPART DDDD	N/A See Applicable Subpart	<input type="checkbox"/> Rule 1137(e) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Polymer Industry	<input type="checkbox"/> 40 CFR60 SUBPART DDD <input type="checkbox"/> 40 CFR63 SUBPART W <input type="checkbox"/> 40 CFR63 SUBPART J	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart

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

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input type="checkbox"/> Manufacturing, Polymeric Cellular Foam	<input type="checkbox"/> Rule 1175 (05/13/94) <input type="checkbox"/> 40 CFR63 SUBPART UUUU <input type="checkbox"/> 40 CFR82 SUBPART H	<input type="checkbox"/> Rule 1175(f) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1175(e) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Products Containing Halon Blends	<input type="checkbox"/> Rule 443.1 (12/05/86)	N/A	N/A
<input type="checkbox"/> Manufacturing, Products Containing Organic Solvents	<input type="checkbox"/> 40 CFR82 SUBPART A <input type="checkbox"/> 40 CFR82 SUBPART E <input type="checkbox"/> 40 CFR63 SUBPART WWW	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Refractory Products	<input type="checkbox"/> 40 CFR63 SUBPART SSSS	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Resin	<input type="checkbox"/> Rule 1141 (11/17/00) <input type="checkbox"/> 40 CFR63 SUBPART W	<input type="checkbox"/> Rule 1141(d) See Applicable Subpart	<input type="checkbox"/> Rule 1141(c) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Rubber Tire	<input type="checkbox"/> 40 CFR63 SUBPART XXXX	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Semiconductors	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1164 (01/13/95) <input type="checkbox"/> Rule 1171 (11/07/03) <input type="checkbox"/> 40 CFR63 SUBPART BBBB	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1164(e) <input type="checkbox"/> Rule 1171(f) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1164(c)(5) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Solvent	<input type="checkbox"/> Rule 443 (05/07/76)	N/A	N/A
<input type="checkbox"/> Manufacturing, Sulfuric Acid	<input type="checkbox"/> Rule 469 (02/13/81) <input type="checkbox"/> 40 CFR60 SUBPART H <input type="checkbox"/> 40 CFR60 SUBPART Cd	<input type="checkbox"/> AQMD TM 6.1 or 6.2 See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Surfactant	<input type="checkbox"/> Rule 1141.2 (01/11/02)	<input type="checkbox"/> AQMD TM 25.1	
<input type="checkbox"/> Manufacturing, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes	<input type="checkbox"/> 40 CFR60 SUBPART III <input type="checkbox"/> 40 CFR60 SUBPART NNN	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes	<input type="checkbox"/> 40 CFR60 SUBPART RRR	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Vinyl Chloride	<input type="checkbox"/> 40 CFR61 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Water Heaters	<input type="checkbox"/> Rule 1121 (09/03/04)	N/A	N/A
<input type="checkbox"/> Manufacturing, Wool Fiberglass Insulation	<input type="checkbox"/> 40 CFR60 SUBPART PPP <input type="checkbox"/> Rule 1127	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Marine Tank Vessel Operations	<input type="checkbox"/> Rule 1142 (07/19/91) <input type="checkbox"/> 40 CFR63 SUBPART Y	<input type="checkbox"/> Rule 1127(h) <input type="checkbox"/> Rule 1142(e) See Applicable Subpart	<input type="checkbox"/> Rule 1127(g) <input type="checkbox"/> Rule 1142(h) See Applicable Subpart
<input type="checkbox"/> Mercury Emissions	<input type="checkbox"/> 40 CFR61 SUBPART E <input type="checkbox"/> 40 CFR63 SUBPART III	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Motor Vehicle Air Conditioners with Ozone Depleting Substances (ODS): Repair, Service, Manufacturing, Maintenance, or Disposal	<input type="checkbox"/> 40 CFR82 SUBPART B <input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Municipal Waste Combustors	<input type="checkbox"/> 40 CFR60 SUBPART Cb	See Applicable Subpart	See Applicable Subpart

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

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
	<input type="checkbox"/> 40 CFR60 SUBPART Ea <input type="checkbox"/> 40 CFR60 SUBPART Eb	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Negative Air Machines/HEPA, Asbestos	<input type="checkbox"/> 40 CFR61 SUBPART M <input type="checkbox"/> Rule 1426 (05/02/03)	See Applicable Subpart	See Applicable Subpart <input type="checkbox"/> Rule 1426(e)
<input type="checkbox"/> Nickel Electroplating Operation	<input type="checkbox"/> Rule 404 (02/07/86) <input type="checkbox"/> Rule 405 (02/07/86)	AQMD TM 5.1, 5.2, or 5.3 AQMD TM 5.1, 5.2, or 5.3	
<input type="checkbox"/> Nonmetallic Mineral Processing Plants	<input type="checkbox"/> 40 CFR60 SUBPART OOO <input type="checkbox"/> 40 CFR63 SUBPART DD	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Off-site Waste and Recovery Operation	<input type="checkbox"/> Rule 1148 (11/05/82) <input type="checkbox"/> Rule 1148.1 (03/05/04)	AQMD TM 25.1 Rule 1148.1 (g)	<input type="checkbox"/> Rule 1148.1 (f) See Applicable Subpart
<input type="checkbox"/> Oil and Gas Well Operation	<input type="checkbox"/> 40 CFR60 SUBPART LLL	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Onshore Natural Gas Processing, SO <sub>2</sub> Emissions	<input type="checkbox"/> Rule 444 (12/21/01) <input type="checkbox"/> Rule 403 (04/02/04) <input type="checkbox"/> Rule 403.1 (04/02/04) <input type="checkbox"/> Rule 1158 (06/11/99)	Rule 403(d)(4) Rule 1158(h) Rule 403(d)(4)	Rule 403(f) Rule 403.1(f) Rule 1158(j) Rule 403(f) Rule 403.1(f)
<input type="checkbox"/> Open Storage	<input type="checkbox"/> Rule 403 (04/02/04) <input type="checkbox"/> Rule 403.1 (04/02/04)	40 CFR55 See Applicable Subpart	40 CFR55 See Applicable Subpart
<input type="checkbox"/> Outer Continental Shelf Platform	<input type="checkbox"/> Rule 1183 (03/12/93) <input type="checkbox"/> 40 CFR55	Rule 1153(h)	Rule 1153(g)
<input type="checkbox"/> Oven, Commercial Bakery	<input type="checkbox"/> Rule 1153 (01/13/95) <input type="checkbox"/> Rule 477 (04/03/81)	AQMD Visible Emissions, AQMD TM 5.1, 5.2, or 5.3	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Oven, Petroleum Coke	<input type="checkbox"/> 40 CFR63 SUBPART L <input type="checkbox"/> 40 CFR82 Subpart G	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Ozone Depleting Substances (ODS) or Alternative ODS, Use	<input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 465 (08/13/99) <input type="checkbox"/> Rule 468 (10/08/76) <input type="checkbox"/> Rule 469 (02/13/81) <input type="checkbox"/> Rule 1123 (12/07/90) <input type="checkbox"/> Rule 1189 (01/21/00) <input type="checkbox"/> 40 CFR60 SUBPART J <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART CC <input type="checkbox"/> 40 CFR63 SUBPART EEEE <input type="checkbox"/> 40 CFR63 SUBPART GGGG <input type="checkbox"/> 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	Rule 218(e) & (f) Rule 1123(c) Rule 1189(e) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Petroleum Refineries	<input type="checkbox"/> Rule 1173 (12/06/02)	Rule 1173(j)	Rule 1173(i)
<input type="checkbox"/> Petroleum Refineries, Fugitive Emissions			







**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	<input checked="" type="checkbox"/>	1146.2	01/09/98	<input type="checkbox"/>
401	03/02/84	<input checked="" type="checkbox"/>	1162	11/17/00	<input type="checkbox"/>
403	12/11/98	<input type="checkbox"/>	1166	07/14/95	<input type="checkbox"/>
403.1	01/15/93	<input type="checkbox"/>	1168	10/03/03	<input type="checkbox"/>
431.2	05/04/90	<input checked="" type="checkbox"/>	1171	11/07/03	<input checked="" type="checkbox"/>
463	03/11/94	<input type="checkbox"/>	1173	05/13/94	<input type="checkbox"/>
466.1	05/02/80	<input type="checkbox"/>	1186	09/10/99	<input type="checkbox"/>
469	05/07/76	<input type="checkbox"/>	2000	05/11/01	<input type="checkbox"/>
475	10/08/76	<input type="checkbox"/>	2001	05/11/01	<input type="checkbox"/>
1112	01/06/84	<input type="checkbox"/>	2002	05/11/01	<input type="checkbox"/>
1113	11/08/96	<input checked="" type="checkbox"/>	2005	04/20/01	<input type="checkbox"/>
1121	12/10/99	<input type="checkbox"/>	2007	12/05/03	<input type="checkbox"/>
1122	07/11/97	<input type="checkbox"/>	2010	05/11/01	<input type="checkbox"/>
1132	03/05/04	<input type="checkbox"/>	2011	12/05/03	<input type="checkbox"/>
1140	02/01/80	<input type="checkbox"/>	2012	12/05/03	<input type="checkbox"/>
1145	02/14/97	<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>

**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	<input type="checkbox"/>	1170	05/06/88	<input type="checkbox"/>
53 Orange Co.	N/A	<input checked="" type="checkbox"/>	1183	03/12/93	<input type="checkbox"/>
53 Riverside Co.	N/A	<input type="checkbox"/>	1186.1	06/04/04	<input type="checkbox"/>
53 San Bernardino Co.	N/A	<input type="checkbox"/>	1191	06/16/00	<input type="checkbox"/>
53A San Bernardino Co.	N/A	<input type="checkbox"/>	1192	06/16/00	<input type="checkbox"/>
218.1	05/14/99	<input checked="" type="checkbox"/>	1193	06/06/03	<input type="checkbox"/>
402	05/07/76	<input checked="" type="checkbox"/>	1194	10/20/00	<input type="checkbox"/>
429	12/21/90	<input type="checkbox"/>	1195	04/20/01	<input type="checkbox"/>
430	07/12/96	<input checked="" type="checkbox"/>	1196	06/04/04	<input type="checkbox"/>
441	05/07/76	<input type="checkbox"/>	1401	03/04/05	<input checked="" type="checkbox"/>
473	05/07/76	<input type="checkbox"/>	1402	03/04/05	<input checked="" type="checkbox"/>
477	04/03/81	<input type="checkbox"/>	1403	04/08/94	<input checked="" type="checkbox"/>
480	10/07/77	<input checked="" type="checkbox"/>	1404	04/06/90	<input type="checkbox"/>
1105.1	11/07/03	<input type="checkbox"/>	1405	01/04/91	<input type="checkbox"/>
1109	08/05/88	<input type="checkbox"/>	1406	07/08/94	<input type="checkbox"/>
1110.1	10/04/85	<input type="checkbox"/>	1407	07/08/94	<input type="checkbox"/>
1110.2	11/14/97	<input checked="" type="checkbox"/>	1411	03/01/91	<input type="checkbox"/>
1116.1	10/20/78	<input type="checkbox"/>	1414	05/03/91	<input type="checkbox"/>
1118	02/13/98	<input type="checkbox"/>	1415	10/14/94	<input checked="" type="checkbox"/>
1127	08/06/04	<input type="checkbox"/>	1418	09/10/99	<input type="checkbox"/>
1148.1	03/05/04	<input type="checkbox"/>	1420	09/11/92	<input type="checkbox"/>
1150	10/15/82	<input type="checkbox"/>	1421	12/06/02	<input type="checkbox"/>
1157	01/07/05	<input type="checkbox"/>	1425	03/16/01	<input type="checkbox"/>
1163	06/07/85	<input type="checkbox"/>	1426	05/02/03	<input type="checkbox"/>

<b>Section V – AQMD Rules That Are Not SIP-Approved (Continued on Following Page)</b>					
1469	05/02/03	<input type="checkbox"/>	2009.1	05/11/01	<input type="checkbox"/>
1469.1	03/04/05	<input type="checkbox"/>	2020	05/11/01	<input type="checkbox"/>
1470	03/04/05	<input checked="" type="checkbox"/>	2501	05/09/97	<input type="checkbox"/>
2009	01/07/05	<input type="checkbox"/>	2506	12/10/99	<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>



Mail Application To:  
P.O. Box 4944  
Diamond Bar, CA 91765

Tel: (909) 396-3385

www.aqmd.gov

**Section I - Facility Information**

1. Permit to be issued to (Business name of operator to appear on permit):  
Hoag Memorial Hospital Presbyterian

2. Valid AQMD Facility ID (Available on Permit or Invoice issued by AQMD):  
11245

3. This Certification is submitted with a (Check one):  
 a.  Title V Application (Initial, Revision or Renewal)  
 b.  Supplement/Correction to a Title V Application  
 c.  MACT Part 2

4. Is Form 500-C2 included with this Certification?  Yes  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.

Read each statement carefully and check each that applies - You must check 3a or 3b.

1. For Initial, Permit Renewal, and Administrative 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." The following information is submitted with a Title V application to comply with the Part 1 requirements of Section 112(j). (If Part 2 has not been submitted, you must submit 500-MACT Part 2 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).

Richard Afable  
 Signature of Responsible Official

5-28-08  
 Date

Richard Afable, MD  
 Type or Print Name of Responsible Official

(949) 764-8240  
 Phone

President  
 Title of Responsible Official

One Hoag Dr. Newport Beach CA 92658  
 Address of Responsible Official City State Zip Code

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