



# South Coast Air Quality Management District

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

September 1, 2011

Mr. Gerardo Rios  
Chief - Permit Office  
US EPA, Region IX Air 3  
75 Hawthorne Street  
San Francisco, CA 94105

Dear Mr. Rios:

Subject: Transmittal of Proposed Title V Renewal Permit  
Kaiser Foundation Hospital ID 800429

Enclosed are the proposed Title V renewal permit, permit summary, statement of basis, public notice, and the permit evaluation for Kaiser Foundation Hospital, located at 1550 N. Edgemont St., Los Angeles, CA 90027. With your receipt of the proposed Title V renewal permit, we will note that the EPA's 45-day review period will begin on September 1, 2011.

If you have any questions concerning the proposed Title V renewal permit, please contact Ms. Vicky Lee, Air Quality Engineer, at (909) 396-2284 or by e-mail at vlee1@aqmd.gov.

Sincerely,

Brian L. Yeh  
Senior Manager  
Mechanical, Chemical, and Public Services

BLY:AYL:JTY:VL

Enclosures:

Proposed Title V Renewal Permit  
Permit Summary  
Statement of Basis  
Public Notice



# South Coast Air Quality Management District

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

## NOTICE OF PROPOSED TITLE V RENEWAL PERMIT

The South Coast Air Quality Management District (AQMD) is proposing to renew the existing Title V permit that was previously issued to the following facility:

**Kaiser Foundation Hospital**  
1550 N. Edgemont St.  
Los Angeles, CA 90027  
Facility ID# 800429

### *Contact Person:*

Mr. Robert Calderon  
Facility Services Director  
1550 N. Edgemont St.  
Los Angeles, CA 90027

This is an existing facility applying for a Title V permit renewal. This facility provides hospital care and other medical services to its members.

Pursuant to Title V of the federal Clean Air Act and AQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance unless such permit has been renewed. Accordingly, the above facility has submitted a Title V renewal application and requested the AQMD to renew their Title V permit. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to the facility.

The proposed permit is available for public review at AQMD, 21865 Copley Dr., Diamond Bar, CA 91765 and at the Los Feliz Branch Library, 1874 Hillhurst Avenue, Los Angeles, CA 90027. 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:

South Coast Air Quality Management District  
Mechanical, Chemical, and Public Services Team  
21865 Copley Drive  
Diamond Bar, CA 91765  
Attention: Vicky Lee

Comments must be received by October 8, 2011. 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 AQMD to conduct a public hearing on the proposed permit by submitting a Hearing Request Form (Form 500-G) to Vicky Lee 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. A public hearing request form and the public hearing schedule 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>. The request for a public hearing is due by September 23, 2011. A copy of the hearing request must also be sent by first class mail to the appropriate facility contact person listed above.

# South Coast Air Quality Management District

## Statement of Basis

### Proposed Renewal of Title V Permit

**Facility Name:** Kaiser Foundation Hospital  
**Facility ID:** 800429  
**NAICS Code:** 622110  
**Equipment Location:** 1550 N. Edgemont St, Los Angeles, CA 90027

**Application #(s):** 503958  
**Application Submittal Date(s):** 11/24/09

**AQMD Contact Person:** Vicky Lee, Air Quality Engineer  
**Phone Number:** (909) 396-2284  
**E-Mail Address:** vlee1@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.

Pursuant to Title V of the federal Clean Air Act and AQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance unless such permit has been renewed. Accordingly, each facility is required to submit a Title V renewal application and request the AQMD to renew their Title V permit. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to the facility.

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. CO, NO<sub>2</sub>, SO<sub>2</sub>, and lead are in attainment with federal standards. The status for PM-10 is serious nonattainment. The status for ozone is currently extreme nonattainment.

A Title V renewal permit is proposed to be issued to cover the operations of Kaiser Foundation Hospital at 1550 N Edgemont St, Los Angeles, CA 90027. This facility is subject to Title V requirements because it is a major source.

## **2. Facility Description**

Kaiser Foundation Hospital is a Title V facility that provides hospital care and other medical services to its members.. The facility is operating 17 diesel fueled internal combustion engines driving emergency generators, three natural gas fueled boilers, and five natural gas boilers with diesel fuel backup. Two natural gas fired internal combustion engines driving absorption chillers have been issued Permits to Construct, but are not operational.

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

An initial Title V permit was issued to the facility on 5/25/2005 and expired on 5/24/2010. The facility has been in continuous operation.

## **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. There are no NSPS or NESHAP requirements that are applicable to this facility.

## **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. All periodic monitoring requirements were developed using strict adherence to the following applicable guidance documents: SCAQMD Periodic Monitoring Guidelines for Title V Facilities (November 1997); CAPCOA/CARB/EPA Region IX Periodic Monitoring Recommendations for Generally Applicable Requirements in SIP (June 1999); and CAPCOA/CARB/EPA Region IX Recommended Periodic Monitoring for Generally Applicable Grain Loading Standards in SIP: Combustion Sources (July 2010).

The Compliance Assurance Monitoring (CAM) requirements of 40 CFR Part 64 do not apply to any of the permitted emission sources at this facility because there are no control equipment 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 2009 (2010 Not Available)**

Pollutant	Emissions (tons/year)
NOx	2.823
CO	2.363
VOC	0.481
PM	0.598
SOx	0.049

### **Toxic Air Contaminants Emissions (TAC) Annual Reported Emissions for Reporting Period 2010**

The Following TACs Were Reported	Emissions (lbs/yr)
1,3-Butadiene	0.652
Ammonia	42.80
Arsenic	0.004
Benzene	0.611
Cadmium	0.004
Chromium (VI)	< 0.001
Formaldehyde	6.190
Lead (inorganic)	0.024
Naphthalene	0.061
Nickel	0.011
PAHS, total, with components not reported	0.109

### **Health Risk from Toxic Air Contaminants**

The facility is subject to review by the Air Toxics Information and Assessment Act (AB2588). The facility is currently exempt from the requirements of AB2588.

#### **8. Compliance History**

The facility has been subject to both self-reporting requirements and AQMD inspections. The facility has had no citizen complaints filed in the last two calendar years. One Notice to Comply (NC) and one Notice of Violation (NOV) (later voided) have been issued in the last two calendar years. The facility is currently in compliance with all applicable rules and regulations.

- Notice to Comply (NC D28782) issued 3/30/10 to provide records of injection timing for buildings 4715, 1515, 1549, 4900. To demonstrate compliance for building 15015 AJAX year 1993 boiler.

Compliance Status: In compliance.

- Notice of Violation (NOV P55969) issued 4/1/10. Rule 3002(c)(1)-Failure to submit the Title V Semi Annual Monitoring Report (500-SAM) for July-December 2009, and failure to submit the Annual Compliance Certification (500-ACC) for the year 2009 in a timely manner. Title V Permit Sec K: Conditions #23 & 24.

Compliance Status: In compliance. NOV voided.

#### **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.

# SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

## Title V Permit Summary

AQMD Facility ID:	800429	Company Name:	KAISER FOUNDATION HOSPITAL
Equipment Location:	1550 N. EDGEMONT ST., LOS ANGELES, CA 90027		SIC Code: 8062
Permit Revision #:	Revision Date:	Facility Permit Section(s) Affected:	
Application #(s):	503958	Application Submittal Date(s):	November 24, 2009
AQMD Contact Person:	Vicky Lee	Phone #:	E-Mail Address:
		(909) 396-2284	vlee1@aqmd.gov
Project Description: This is an existing facility applying for a Title V permit renewal. This hospital is operating 17 diesel fueled internal combustion engines driving emergency generators, three natural gas fueled boilers, and five natural gas boilers with diesel fuel backup. Two natural gas fired internal combustion engines driving absorption chillers have been issued Permits to Construct but are not operational.			
Permit Type: <input type="checkbox"/> Initial Title V Permit <input type="checkbox"/> Significant Revision <input checked="" type="checkbox"/> Permit Renewal			
Permit Features: <input type="checkbox"/> Federally Enforceable Emission Cap For Exemption From Certain NESHAP Requirements <input type="checkbox"/> Permit Shield Applies <input type="checkbox"/> Permit Contains Conditions Allowing Emission Trading <input type="checkbox"/> Alternative Operating Scenario <input type="checkbox"/> Permit Streamlines Overlapping or Outdated Requirements <input type="checkbox"/> Other: _____ <input type="checkbox"/> Source Out of Compliance With Applicable Requirements and/or Operating Under a Variance			
Toxic Air Contaminant Emissions (TAC) - Annual Reported Emissions for Reporting Year: 2010		<input type="checkbox"/> No TACs Reported <input checked="" type="checkbox"/> <u>The Following TACs Were Reported:</u>	
		<u>Emissions (lbs/yr):</u>	
		1,3-Butadiene 0.652	
		Ammonia 42.80	
		Arsenic 0.004	
		Benzene 0.611	
		Cadmium 0.004	
		Chromium (VI) <0.001	
		Formaldehyde 6.190	
		Lead (inorganic) 0.024	
		Naphthalene 0.061	
		Nickel 0.011	
		PAHS, total, with components not reported 0.109	
Health Risk From Toxic Air Contaminants: <input type="checkbox"/> Health Risk Reduction Plan in Force (AQMD Rule 1402) (date): _____ <input type="checkbox"/> Health Risk Assessment Required for this Permit Action (AQMD Rule 1401) <input checked="" type="checkbox"/> Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588) <input checked="" type="checkbox"/> Facility Determined to be Exempt from AB2588 Requirements <input type="checkbox"/> AQMD is Tracking Status of Facility under AB2588 <input type="checkbox"/> Health Risk Assessment Submitted to AQMD and Is Being Reviewed <input type="checkbox"/> Final Facility Health Risk Approved (date) _____ Cancer Risk = _____ in one million Acute Hazard Index = _____ Chronic Hazard Index = _____			
Criteria Pollutant Emissions Annual Reported Emissions (tons/year) for Reporting Year: 2009 (2010 not available)		<input checked="" type="checkbox"/> NOx 2.823 <input checked="" type="checkbox"/> PM 0.598 <input checked="" type="checkbox"/> CO 2.363 <input checked="" type="checkbox"/> SOx 0.049 <input checked="" type="checkbox"/> VOC 0.481 <input type="checkbox"/> Other: _____	
Compliance History: <input checked="" type="checkbox"/> Citizen Complaints Filed in Last Two Calendar Years (#0) <input checked="" type="checkbox"/> Notices to Comply (NC) Issued in Last Two Calendar Years (# 1) <input checked="" type="checkbox"/> Notices of Violation (NOV) Issued in Last Two Calendar Years (# 1)--Voided			

# TITLE V RENEWAL PERMIT

Title Page  
Facility ID: 800429  
Revision #: DRAFT  
Date: August 25, 2011

## FACILITY PERMIT TO OPERATE

**KAISER FOUNDATION HOSPITAL  
1550 N EDGEMONT ST  
LOS ANGELES, CA 90027**

### 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 KAISER FOUNDATION HOSPITAL**

### **TABLE OF CONTENTS**

<b>Section</b>	<b>Description</b>	<b>Revision #</b>	<b>Date Issued</b>
A	Facility Information	DRAFT	08/25/2011
B	RECLAIM Annual Emission Allocation	DRAFT	08/25/2011
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	DRAFT	08/25/2011
E	Administrative Conditions	DRAFT	08/25/2011
F	RECLAIM Monitoring and Source Testing Requirements	DRAFT	08/25/2011
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	DRAFT	08/25/2011
H	Permit To Construct and Temporary Permit to Operate	DRAFT	08/25/2011
I	Compliance Plans & Schedules	DRAFT	08/25/2011
J	Air Toxics	DRAFT	08/25/2011
K	Title V Administration	DRAFT	08/25/2011
<b>Appendix</b>			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	DRAFT	08/25/2011
B	Rule Emission Limits	DRAFT	08/25/2011

# FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

## SECTION A: FACILITY INFORMATION

**LEGAL OWNER &/OR OPERATOR:** KAISER FOUNDATION HOSPITAL

**LEGAL OPERATOR (if different than owner):**

**EQUIPMENT LOCATION:** 1550 N EDGEMONT ST  
LOS ANGELES, CA 90027

**MAILING ADDRESS:** 1550 N EDGEMONT ST  
LOS ANGELES, CA 90027

**RESPONSIBLE OFFICIAL:** ROBERT CALDERON

**TITLE:** FACILITY SERVICES DIRECTOR

**TELEPHONE NUMBER:** (323) 783-7732

**CONTACT PERSON:** ROBERT CALDERON

**TITLE:** FACILITY SERVICES DIRECTOR

**TELEPHONE NUMBER:** (323) 783-7732

**INITIAL TITLE V PERMIT ISSUED:** May 25, 2005

**TITLE V PERMIT EXPIRATION DATE:** May 24, 2010

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

# **FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL**

## **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 KAISER FOUNDATION HOSPITAL

### PERMITTED EQUIPMENT LIST

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

Application Number	Permit Number	Equipment Description
472454	F94879	IC ENGINE (51-500 HP) EMERGENCY ELEC GEN - DIESEL
208106	D71276	IC ENGINE (51-500 HP) EMERGENCY ELEC GEN - DIESEL
472455	F94881	IC ENGINE (51-500 HP) EMERGENCY ELEC GEN - DIESEL
289179	D80266	IC ENGINE (51-500 HP) EMERGENCY ELEC GEN - DIESEL
472456	F94882	IC ENGINE (51-500 HP) EMERGENCY ELEC GEN - DIESEL
266593	D53636	IC ENGINE (51-500 HP) EMERGENCY ELEC GEN - DIESEL
208105	<del>D19624</del>	<del>IC ENGINE (51-500 HP) EMERGENCY ELEC GEN - DIESEL</del>
414599	F61842	IC ENGINE (> 500 HP) EMERGENCY ELEC GEN- - DIESEL
472460	F94884	IC ENGINE (> 500 HP) EMERGENCY ELEC GEN- - DIESEL
472458	F95216	IC ENGINE (> 500 HP) EMERGENCY ELEC GEN- - DIESEL
472457	F95215	IC ENGINE (> 500 HP) EMERGENCY ELEC GEN- - DIESEL
472459	F95214	IC ENGINE (> 500 HP) EMERGENCY ELEC GEN- - DIESEL
472383	F94878	IC ENGINE (> 500 HP) EMERGENCY ELEC GEN- - DIESEL
472381	F94877	IC ENGINE (> 500 HP) EMERGENCY ELEC GEN- - DIESEL
472380	F94876	IC ENGINE (> 500 HP) EMERGENCY ELEC GEN- - DIESEL
472379	F94875	IC ENGINE (> 500 HP) EMERGENCY ELEC GEN- - DIESEL

**FACILITY PERMIT TO OPERATE  
 KAISER FOUNDATION HOSPITAL**

<b>Application Number</b>	<b>Permit Number</b>	<b>Equipment Description</b>
472378	F94873	IC ENGINE (> 500 HP) EMERGENCY ELEC GEN - DIESEL
223978	D61589	BOILER (>20-50 MMBTU/HR) NATURAL GAS OR OIL FIRED
474311	F95213	BOILER (>20-50 MMBTU/HR) NATURAL GAS OR OIL FIRED
440650	F85068	IC ENGINE (51-500 HP) EMERGENCY ELEC GEN - DIESEL
440651	F85364	BOILER (<5 MMBTU/HR) NATURAL GAS FIRED
482791	F98784	BOILER (5 - 20 MMBTU/HR) NATURAL GAS OR OIL FIRED
482792	F98786	BOILER (5 - 20 MMBTU/HR) NATURAL GAS OR OIL FIRED
482793	F98790	BOILER (5 - 20 MMBTU/HR) NATURAL GAS OR OIL FIRED
482794	F98791	BOILER (5 - 20 MMBTU/HR) NATURAL GAS OR OIL FIRED
482795	F98792	BOILER (5 - 20 MMBTU/HR) NATURAL GAS OR OIL FIRED
<u>294355</u>	<u>D86800</u>	<u>BOILER (&lt; 5 MMBTU/HR) NATURAL GAS</u>
<u>294357</u>	<u>D87887</u>	<u>BOILER (&lt; 5 MMBTU/HR) NATURAL GAS</u>
419537		IC ENGINE (51 - 500 HP) NON-EMERGENCY ABSORPTION CHILLER DRIVER - NATURAL GAS
419538		IC ENGINE (51 - 500 HP) NON-EMERGENCY ABSORPTION CHILLER DRIVER - NATURAL GAS

**NOTE:** EQUIPMENTS LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBERS 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 KAISER FOUNDATION HOSPITAL

### 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 RINGELMANN 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 NOT USE FUEL OIL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 0.05 PERCENT BY WEIGHT.  
[RULE 431.2]
3. AFTER JUNE 1, 2004, THE OPERATOR SHALL NOT PURCHASE ANY DIESEL FUEL UNLESS THE FUEL IS LOW SULFUR DIESEL FOR WHICH THE SULFUR CONTENT SHALL NOT EXCEED 15 PPM BY WEIGHT AS SUPPLIED BY THE SUPPLIER.  
[RULE 431.2]
4. THE OPERATOR SHALL NOT USE NATURAL GAS CONTAINING SULFUR COMPOUNDS, CALCULATED AS H<sub>2</sub>S, IN EXCESS OF 16 PARTS PER MILLION BY VOLUME (PPMV). THE OPERATOR SHALL NOT USE OTHER GASEOUS FUELS CONTAINING SULFUR COMPOUNDS, CALCULATED AS H<sub>2</sub>S, IN EXCESS OF 40 PPMV AS MEASURED OVER 4 HOURS AVERAGING PERIOD.  
[RULE 431.1]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F94879  
A/N 472454

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, ALLIS CHALMER, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 670T, SERIAL NO. 70-22053, 8 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 162 BHP.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

4. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.  
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

6. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

### Periodic Monitoring:

7. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]
8. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]
9. THE OPERATION OF THE ENGINE BEYOND THE 30 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]

### Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. D71276  
A/N 208106

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL NO. 3208, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATION, 8 CYLINDERS, TURBOCHARGED, INTERCOOLED, 192 BHP.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

[RULE 3004 (a)(4), RULE 1304 (a)(4)]

4. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.  
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
6. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### Periodic Monitoring:

7. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]
8. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]
9. THE OPERATION OF THE ENGINE BEYOND THE 30 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]

### Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F94881  
A/N 472455

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 6CTA8.3G, 6 CYLINDERS, FOUR CYCLE, TURBOCHARGED, AFTERCOOLED, 264 BHP, WITH 1 EXHAUST.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.  
[RULE 1303(a)(1)-BACT]
4. THE IGNITION TIMING OF THIS ENGINE SHALL BE INSPECTED, ADJUSTED, AND CERTIFIED AT A MINIMUM OF ONCE EVERY THREE YEARS OF OPERATION. INSPECTIONS, ADJUSTMENTS, AND CERTIFICATIONS SHALL BE PERFORMED BY A QUALIFIED MECHANIC AND DONE IN ACCORDANCE WITH THE ENGINE MANUFACTURER'S SPECIFICATIONS AND PROCEDURES.  
[RULE 1303(a)(1)-BACT]
5. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

6. THE OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
7. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

### Periodic Monitoring:

8. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]
9. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]
10. THE OPERATION OF THE ENGINE BEYOND THE 30 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]

### Emissions And Requirements:

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. D80266  
A/N 289179

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL NO. 3208 ATAAC, 8 CYLINDERS, TURBOCHARGED, AFTERCOOLED, DIESEL-FUELED, 292 BHP, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]
4. THE OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### Periodic Monitoring:

6. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]
7. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 3004 (a)(4)]
8. THE OPERATION OF THE ENGINE BEYOND THE 30 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]

### 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 EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F94882  
A/N 472456

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL NO. LTA10-G1, SERIAL NO. 35042271, EMERGENCY ELECTRICAL GENERATION, DIESEL FUELED, 6 CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 380 BHP.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

4. THE OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
5. IN ADDITION TO MAINTENANCE AND TESTING, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.  
[RULE 1304 (a)(4)]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

6. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

### Periodic Monitoring:

7. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]
8. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]
9. THE OPERATION OF THE ENGINE BEYOND THE 30 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]

### Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. D53636  
A/N 266593

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. NTA855-G6, SERIAL NO. 55852/11043504, 6 CYLINDERS, FOUR CYCLE, TURBOCHARGED AND AFTERCOOLED, 425 BHP.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

4. THE OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### Periodic Monitoring:

6. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]
7. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]
8. THE OPERATION OF THE ENGINE BEYOND THE 30 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]

### 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 EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F61842  
A/N 414599

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL NO. 3412 DITTA, SERIAL NO. 81Z03386, DIESEL FUELED, FOUR CYCLES, TWELVE CYLINDERS, TURBOCHARGED AND AFTERCOOLED, RATED AT 680 BHP, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

4. THE OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
5. IN ADDITION TO MAINTENANCE AND TESTING, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.  
[RULE 1304 (a)(4)]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

6. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

### Periodic Monitoring:

7. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]
8. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 40 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]
9. THE OPERATION OF THE ENGINE BEYOND THE 40 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]

### Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F94884  
A/N 472460

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. 12V-92TA (8123-7405), 830 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.  
[RULE 1303(a)(1)-BACT]
4. THE IGNITION TIMING OF THIS ENGINE SHALL BE INSPECTED, ADJUSTED, AND CERTIFIED AT A MINIMUM OF ONCE EVERY THREE YEARS OF OPERATION. INSPECTIONS, ADJUSTMENTS, AND CERTIFICATIONS SHALL BE PERFORMED BY A QUALIFIED MECHANIC AND DONE IN ACCORDANCE WITH THE ENGINE MANUFACTURER'S SPECIFICATIONS AND PROCEDURES.  
[RULE 1303(a)(1)-BACT]
5. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

6. THE OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
7. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

### Periodic Monitoring:

8. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]
9. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]
10. THE OPERATION OF THE ENGINE BEYOND THE 30 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]

### Emissions And Requirements:

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F95216  
A/N 472458

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 1, CATERPILLAR, AMBER 363 FUELED, WITH DIESEL FUEL AS BACK-UP FUEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516, TURBOCHARGED, AFTERCOOLED, 16 CYLINDERS, 2153 BHP.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.  
[RULE 1303(a)(1)-BACT]
4. THE IGNITION TIMING OF THIS ENGINE SHALL BE INSPECTED, ADJUSTED, AND CERTIFIED AT A MINIMUM OF ONCE EVERY THREE YEARS OF OPERATION. INSPECTIONS, ADJUSTMENTS, AND CERTIFICATIONS SHALL BE PERFORMED BY A QUALIFIED MECHANIC AND DONE IN ACCORDANCE WITH THE ENGINE MANUFACTURER'S SPECIFICATIONS AND PROCEDURES.  
[RULE 1303(a)(1)-BACT]
5. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

6. THE OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
7. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

### Periodic Monitoring:

8. THIS ENGINE SHALL NOT BE OPERATED 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 3004 (a)(4), RULE 1304 (a)(4)]
9. THE OPERATION OF THE ENGINE 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]
10. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]

### Emissions And Requirements:

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F95215  
A/N 472457

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 2, CATERPILLAR, AMBER 363 FUELED, WITH DIESEL FUEL AS BACK-UP FUEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516, TURBOCHARGED, AFTERCOOLED, 16 CYLINDERS, 2153 BHP.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.  
[RULE 1303(a)(1)-BACT]
4. THE IGNITION TIMING OF THIS ENGINE SHALL BE INSPECTED, ADJUSTED, AND CERTIFIED AT A MINIMUM OF ONCE EVERY THREE YEARS OF OPERATION. INSPECTIONS, ADJUSTMENTS, AND CERTIFICATIONS SHALL BE PERFORMED BY A QUALIFIED MECHANIC AND DONE IN ACCORDANCE WITH THE ENGINE MANUFACTURER'S SPECIFICATIONS AND PROCEDURES.  
[RULE 1303(a)(1)-BACT]
5. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

6. THE OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
7. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

### Periodic Monitoring:

8. THIS ENGINE SHALL NOT BE OPERATED 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 3004 (a)(4), RULE 1304 (a)(4)]
9. THE OPERATION OF THE ENGINE 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]
10. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]

### Emissions And Requirements:

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F95214  
A/N 472459

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 3, CATERPILLAR, AMBER 363 FUELED, WITH DIESEL FUEL AS BACK-UP FUEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3512, TURBOCHARGED, AFTERCOOLED, 12 CYLINDERS, 1588 BHP.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.  
[RULE 1303(a)(1)-BACT]
4. THE IGNITION TIMING OF THIS ENGINE SHALL BE INSPECTED, ADJUSTED, AND CERTIFIED AT A MINIMUM OF ONCE EVERY THREE YEARS OF OPERATION. INSPECTIONS, ADJUSTMENTS, AND CERTIFICATIONS SHALL BE PERFORMED BY A QUALIFIED MECHANIC AND DONE IN ACCORDANCE WITH THE ENGINE MANUFACTURER'S SPECIFICATIONS AND PROCEDURES.  
[RULE 1303(a)(1)-BACT]
5. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

6. THE OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
7. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

### Periodic Monitoring:

8. THIS ENGINE SHALL NOT BE OPERATED 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 3004 (a)(4), RULE 1470, RULE 1304 (a)(4)]
9. THE OPERATION OF THE ENGINE 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]
10. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]

### Emissions And Requirements:

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F94878  
A/N 472383

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516B DITA, SERIAL NO. 1HZ02277, AMBER 363 FUELED, WITH DIESEL FUEL AS BACK-UP FUEL, 16 CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2847 BHP.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
4. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### Periodic Monitoring:

6. THIS ENGINE SHALL NOT BE OPERATED 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 3004 (a)(4), RULE 1304 (a)(4)]
7. THE OPERATION OF THE ENGINE 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]
8. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]

### 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 EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F94877  
A/N 472381

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516B DITA, SERIAL NO. 1HZ02279, AMBER 363 FUELED, WITH DIESEL FUEL AS A BACK-UP FUEL, 16 CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2847 BHP.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
4. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### Periodic Monitoring:

6. THIS ENGINE SHALL NOT BE OPERATED 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 3004 (a)(4), RULE 1304 (a)(4)]
7. THE OPERATION OF THE ENGINE 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]
8. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]

### 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 EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F94876  
A/N 472380

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516B DITA, SERIAL NO. 1HZ02281, AMBER 363 FUELED, WITH DIESEL FUEL AS A BACK-UP FUEL, 16 CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2847 BHP.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
4. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### Periodic Monitoring:

6. THIS ENGINE SHALL NOT BE OPERATED 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 3004 (a)(4), RULE 1304 (a)(4)]
7. THE OPERATION OF THE ENGINE 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]
8. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]

### 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 EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F94875  
A/N 472379

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516B DITA, SERIAL NO. 1HZ02282, AMBER 363 FUELED, WITH DIESEL FUEL AS A BACK-UP FUEL, 16 CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2847 BHP.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
4. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### Periodic Monitoring:

6. THIS ENGINE SHALL NOT BE OPERATED 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 3004 (a)(4), RULE 1304 (a)(4)]
7. THE OPERATION OF THE ENGINE 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]
8. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]

### 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 EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F94873  
A/N 472378

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516B DITA, SERIAL NO. 1HZ02276, AMBER 363 FUELED, WITH DIESEL FUEL AS A BACK-UP FUEL, 16 CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2847 BHP.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
4. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### Periodic Monitoring:

6. THIS ENGINE SHALL NOT BE OPERATED 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 3004 (a)(4), RULE 1304 (a)(4)]
7. THE OPERATION OF THE ENGINE 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1303(a)(1)-BACT]
8. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 3004 (a)(4)]

### 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 EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F85068  
A/N 440650

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL NO. NT855-G2, SERIAL NO. 30312903, DIESEL FUELED, FOUR CYCLES, SIX CYLINDERS, TURBOCHARGED, RATED AT 355 B.H.P., DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 OPERATOR OF THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.  
[RULE 1470; RULE 431.2, RULE 3004 (a)(1)]
4. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1303(a)(1)-BACT]
5. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH, ON A MONTHLY BASIS, SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
  - A. EMERGENCY USE HOURS OF OPERATION
  - B. MAINTENANCE AND TESTING HOURS
  - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR THE OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.  
[RULE 3004 (a)(4), RULE 1304 (a)(4)]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### Periodic Monitoring:

6. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 3004 (a)(4)]
7. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 40 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.  
[RULE 1304 (a)(4), RULE 3004 (a)(4), RULE 1470, RULE 1303 (a)(1)-BACT]
8. THE OPERATION OF THE ENGINE BEYOND THE 40 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 ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY 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 1304 (a)(4), RULE 3004 (a)(4), RULE 1303 (a)(1) - BACT]

### 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 EMISSION LIMITS  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F85364  
A/N 440651

#### Equipment Description:

BOILER, AJAX, WATERTUBE TYPE, MODEL NO. WG-3250AB, SERIAL NO. 82-35041, WITH ONE LOW NOX BURNER, ALZETA, MODEL NO. SB505/6-1-0GC-1, NATURAL GAS FIRED, RATED AT 3,276,000 BTU PER HOUR.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 BOILER SHALL BE FIRED WITH NATURAL GAS ONLY.  
[RULE 1303 (b)(2) - OFFSET]
4. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:
  - A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 60 DAYS AFTER RECEIPT OF THIS PERMIT, UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.
  - B. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH NOX AND CO EMISSION LIMITS (SEE "EMISSIONS AND REQUIREMENTS" FOR LIMITS).
  - C. THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1.
  - D. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS OPERATING AT MAXIMUM, MINIMUM AND NORMAL FIRING RATES. THE SAMPLING TIMES SHALL BE AT LEAST FOUR CONSECUTIVE 15-MINUTE PERIODS (TOTAL OF ONE HOUR) EACH FOR MAXIMUM, MINIMUM AND NORMAL OPERATING LOADS.
  - E. WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765) AT LEAST 14 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

- F. TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765), REFERENCING APPLICATION NUMBER 440651, WITHIN 45 DAYS AFTER THE TEST. THE REPORT SHALL INCLUDE, BUT NOT LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE BOILER, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:
1. THE EXHAUST FLOW RATES, IN ACTUAL CUBIC FEET PER MINUTE (ACFM).
  2. THE FIRING RATES IN BTU PER HOUR.
  3. THE EXHAUST TEMPERATURE, IN DEGREES F.
  4. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT.
  5. THE FUEL FLOW RATE.
- G. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.
- H. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

[RULE 3004 (a)(4), RULE 1303 (a)(1) - BACT]

5. THE COMBUSTION BURNER SHALL BE INSPECTED AND MAINTAINED PER MANUFACTURER SPECIFICATIONS. RECORDS SHALL BE MAINTAINED FOR THE INSPECTIONS AND MAINTENANCE OF THE BURNER.  
[RULE 3004 (a)(4), RULE 1146.1, RULE 1303 (a)(1) - BACT]
6. THIS BOILER SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146.1.  
[RULE 1146.1]
7. ON OR BEFORE JANUARY 1, 2012, THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1146.1]

### Periodic Monitoring:

8. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 3004 (a)(4)]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### Emissions And Requirements:

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

NOx:    30 PPMV, RULE 1146.1  
NOx:    9 PPMV, RULE 1146.1 (EFFECTIVE JANUARY 1, 2012)  
CO:     400 PPMV, RULE 1146.1  
CO:     2000 PPMV, RULE 407  
PM:     0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F98784  
A/N 482791

#### Equipment Description:

BOILER, NO. 1, UNILUX, WATERTUBE TYPE, MODEL NO. ZF1200W, SERIAL NO. 3085, WITH A NATURAL GAS (PRIMARY FUEL) AND DIESEL OIL NO. 2 (STAND-BY FUEL) FIRED, LOW NOX BURNER, AMERICAN COMBUSTION TECH., MODEL NO. ACT-06G02-SLE, RATED AT 10,200,000 BTU PER HOUR, AND EQUIPPED WITH A FLUE GAS RECIRCULATION SYSTEM.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 BOILER SHALL BE FIRED ON NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, MAINTENANCE TESTING NOT TO EXCEED 30 MINUTES A MONTH AND COMPLIANCE TESTING WITH DIESEL OIL NO. 2.  
[RULE 1303 (b)(2) - OFFSET]
4. DIESEL OIL NO. 2 SUPPLIED AT THE BURNER SHALL BE NO. 2 OR LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.0015 PERCENT SULFUR BY WEIGHT.  
[RULE 431.2]
5. THE OPERATOR SHALL HAVE THE BURNER EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR, FUEL AND RECIRCULATED FLUE GAS AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.  
[RULE 1146, RULE 1303 (a)(1) - BACT]
6. RECORDS OF SUCH ADJUSTMENTS, TUNE-UPS AND CALIBRATIONS AS STATED IN CONDITION NO. 5 SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1146, RULE 1303 (a)(1) - BACT]
7. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146, RULE 1303 (a)(1) - BACT]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

8. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:
- A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 180 DAYS AFTER INITIAL START-UP, UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.
  - B. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH NOX AND CO EMISSION LIMITS SPECIFIED IN THIS PERMIT (SEE "EMISSIONS AND REQUIREMENTS" FOR LIMITS).
  - C. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS OPERATING AT MAXIMUM, MINIMUM AND AVERAGE FIRING RATES.
  - D. WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765) AT LEAST 14 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.
  - E. TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765), ATTENTION OF THE PERMIT ENGINEER REFERENCED ON THIS APPLICATION AND REFERENCING APPLICATION NUMBER 415760, WITHIN 45 DAYS AFTER THE TEST. THE REPORT SHALL INCLUDE, BUT NOT LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE BOILER, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:
    - 1. THE EXHAUST FLOW RATES, IN ACTUAL CUBIC FEET PER MINUTE (ACFM).
    - 2. THE FIRING RATES IN BTU PER HOUR.
    - 3. THE EXHAUST TEMPERATURE, IN DEGREES F.
    - 4. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT.
    - 5. THE FUEL FLOW RATE.
  - F. THE TEST SHALL BE CONDUCTED BY A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST).
  - G. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.
- [RULE 3004 (a)(4), RULE 1303 (a)(1) - BACT]
9. THIS BOILER SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146.  
[RULE 1146]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

10. UPON BURNER(S) REPLACEMENT, THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1146]

### Periodic Monitoring:

11. 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 DIESEL OIL NO. 2, 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 ELIMINATE(S) 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 ACTION(S) TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORD BY A CERTIFIED SMOKE READER.

[RULE 3004 (a)(4)]

12. IF ANNUAL DIESEL OIL NO. 2 USAGE EXCEEDS 2,000,000 GALLONS IN ANY ONE YEAR, THEN OPERATOR SHALL DETERMINE COMPLIANCE WITH THE PARTICULATE MATTER (PM) EMISSION LIMIT(S) BY CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 5.2. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 409 LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.

FOR THE PURPOSE OF DETERMINING COMPLIANCE WITH RULE 409 LIMIT, THE EMISSIONS SHALL BE MEASURED AND AVERAGED OVER A 60 MINUTE TIME PERIOD.

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE

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

A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.

[RULE 3004 (a)(4)]

13. FOR UNITS WITH A HEAT INPUT GREATER THAN 10 MMBTU/HR AND ANNUAL DIESEL OIL NO. 2 USAGE GREATER THAN 1,000,000 GALLONS, OR GREATER THAN 336 HOURS OF OPERATION BUT NOT EXCEEDING 2,000,000 GALLONS IN ANY ONE YEAR, THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE

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

A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.

[RULE 3004 (a)(4)]

### Emissions And Requirements:

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

NOx: 12 PPMV, RULE 1303 (a)(1) - BACT [FOR NATURAL GAS]

NOx: 30 PPMV, RULE 1146 [FOR NATURAL GAS]

NOx: 40 PPMV, RULE 1146 [FOR FUEL OIL]

CO: 50 PPMV, RULE 1303 (a)(1) - BACT [FOR NATURAL GAS]

CO: 400 PPMV, RULE 1146

CO: 2000 PPMV, RULE 407

PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F98786  
A/N 482792

#### Equipment Description:

BOILER, NO. 2, UNILUX, WATERTUBE TYPE, MODEL NO. ZF1200W, SERIAL NO. 3086, WITH A NATURAL GAS (PRIMARY FUEL) AND DIESEL OIL NO. 2 (STAND-BY FUEL) FIRED, LOW NOX BURNER, AMERICAN COMBUSTION TECH., MODEL NO. ACT-06G02-SLE, RATED AT 10,200,000 BTU PER HOUR, AND EQUIPPED WITH A FLUE GAS RECIRCULATION SYSTEM.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 BOILER SHALL BE FIRED ON NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, MAINTENANCE TESTING NOT TO EXCEED 30 MINUTES A MONTH AND COMPLIANCE TESTING WITH DIESEL OIL NO. 2.  
[RULE 1303 (b)(2) - OFFSET]
4. DIESEL OIL NO. 2 SUPPLIED AT THE BURNER SHALL BE NO. 2 OR LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.0015 PERCENT SULFUR BY WEIGHT.  
[RULE 431.2]
5. THE OPERATOR SHALL HAVE THE BURNER EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR, FUEL AND RECIRCULATED FLUE GAS AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.  
[RULE 1146, RULE 1303 (a)(1) - BACT]
6. RECORDS OF SUCH ADJUSTMENTS, TUNE-UPS AND CALIBRATIONS AS STATED IN CONDITION NO. 5 SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1146, RULE 1303 (a)(1) - BACT]
7. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146, RULE 1303 (a)(1) - BACT]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

8. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:
- A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 180 DAYS AFTER INITIAL START-UP, UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.
  - B. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH NOX AND CO EMISSION LIMITS SPECIFIED IN THIS PERMIT (SEE "EMISSIONS AND REQUIREMENTS" FOR LIMITS).
  - C. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS OPERATING AT MAXIMUM, MINIMUM AND AVERAGE FIRING RATES.
  - D. WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765) AT LEAST 14 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.
  - E. TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765), ATTENTION OF THE PERMIT ENGINEER REFERENCED ON THIS APPLICATION AND REFERENCING APPLICATION NUMBER 415761, WITHIN 45 DAYS AFTER THE TEST. THE REPORT SHALL INCLUDE, BUT NOT LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE BOILER, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:
    - 1. THE EXHAUST FLOW RATES, IN ACTUAL CUBIC FEET PER MINUTE (ACFM).
    - 2. THE FIRING RATES IN BTU PER HOUR.
    - 3. THE EXHAUST TEMPERATURE, IN DEGREES F.
    - 4. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT.
    - 5. THE FUEL FLOW RATE.
  - F. THE TEST SHALL BE CONDUCTED BY A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST).
  - G. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

[RULE 3004 (a)(4), RULE 1303 (a)(1) - BACT]

9. THIS BOILER SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146.  
[RULE 1146]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

10. UPON BURNER(S) REPLACEMENT, THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1146]

### Periodic Monitoring:

11. 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 DIESEL OIL NO. 2, 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 ELIMINATE(S) 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 ACTION(S) TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORD BY A CERTIFIED SMOKE READER.

[RULE 3004 (a)(4)]

12. IF ANNUAL DIESEL OIL NO. 2 USAGE EXCEEDS 2,000,000 GALLONS IN ANY ONE YEAR, THEN OPERATOR SHALL DETERMINE COMPLIANCE WITH THE PARTICULATE MATTER (PM) EMISSION LIMIT(S) BY CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 5.2 . THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 409 LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.

FOR THE PURPOSE OF DETERMINING COMPLIANCE WITH RULE 409 LIMIT, THE EMISSIONS SHALL BE MEASURED AND AVERAGED OVER A 60 MINUTE TIME PERIOD.

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE

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

A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.

[RULE 3004 (a)(4)]

13. FOR UNITS WITH A HEAT INPUT GREATER THAN 10 MMBTU/HR AND ANNUAL DIESEL OIL NO. 2 USAGE GREATER THAN 1,000,000 GALLONS, OR GREATER THAN 336 HOURS OF OPERATION BUT NOT EXCEEDING 2,000,000 GALLONS IN ANY ONE YEAR, THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE

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

A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.

[RULE 3004 (a)(4)]

### Emissions And Requirements:

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

NOx: 12 PPMV, RULE 1303 (a)(1) - BACT [FOR NATURAL GAS]

NOx: 30 PPMV, RULE 1146 [FOR NATURAL GAS]

NOx: 40 PPMV, RULE 1146 [FOR FUEL OIL]

CO: 50 PPMV, RULE 1303 (a)(1) - BACT [FOR NATURAL GAS]

CO: 400 PPMV, RULE 1146

CO: 2000 PPMV, RULE 407

PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F98790  
A/N 482793

#### Equipment Description:

BOILER, NO. 3, UNILUX, WATERTUBE TYPE, MODEL NO. ZF1200W, SERIAL NO. 3092, WITH A NATURAL GAS (PRIMARY FUEL) AND DIESEL OIL NO. 2 (STAND-BY FUEL) FIRED, LOW NOX BURNER, AMERICAN COMBUSTION TECH., MODEL NO. ACT-06G02-SLE, RATED AT 10,200,000 BTU PER HOUR, AND EQUIPPED WITH A FLUE GAS RECIRCULATION SYSTEM.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 BOILER SHALL BE FIRED ON NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, MAINTENANCE TESTING NOT TO EXCEED 30 MINUTES A MONTH AND COMPLIANCE TESTING WITH DIESEL OIL NO. 2.  
[RULE 1303 (b)(2) - OFFSET]
4. DIESEL OIL NO. 2 SUPPLIED AT THE BURNER SHALL BE NO. 2 OR LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.0015 PERCENT SULFUR BY WEIGHT.  
[RULE 431.2]
5. THE OPERATOR SHALL HAVE THE BURNER EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR, FUEL AND RECIRCULATED FLUE GAS AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.  
[RULE 1146, RULE 1303 (a)(1) - BACT]
6. RECORDS OF SUCH ADJUSTMENTS, TUNE-UPS AND CALIBRATIONS AS STATED IN CONDITION NO. 5 SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1146, RULE 1303 (a)(1) - BACT]
7. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146, RULE 1303 (a)(1) - BACT]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

8. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:
- A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 180 DAYS AFTER INITIAL START-UP, UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.
  - B. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH NOX AND CO EMISSION LIMITS SPECIFIED IN THIS PERMIT (SEE "EMISSIONS AND REQUIREMENTS" FOR LIMITS).
  - C. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS OPERATING AT MAXIMUM, MINIMUM AND AVERAGE FIRING RATES.
  - D. WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765) AT LEAST 14 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.
  - E. TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765), ATTENTION OF THE PERMIT ENGINEER REFERENCED ON THIS APPLICATION AND REFERENCING APPLICATION NUMBER 415762, WITHIN 45 DAYS AFTER THE TEST. THE REPORT SHALL INCLUDE, BUT NOT LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE BOILER, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:
    - 1. THE EXHAUST FLOW RATES, IN ACTUAL CUBIC FEET PER MINUTE (ACFM).
    - 2. THE FIRING RATES IN BTU PER HOUR.
    - 3. THE EXHAUST TEMPERATURE, IN DEGREES F.
    - 4. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT.
    - 5. THE FUEL FLOW RATE.
  - F. THE TEST SHALL BE CONDUCTED BY A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST).
  - G. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.
- [RULE 3004 (a)(4), RULE 1303 (a)(1) - BACT]
9. THIS BOILER SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146.  
[RULE 1146]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

10. UPON BURNER(S) REPLACEMENT, THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1146]

### Periodic Monitoring:

11. 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 DIESEL OIL NO. 2, 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 ELIMINATE(S) 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 ACTION(S) TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORD BY A CERTIFIED SMOKE READER.

[RULE 3004 (a)(4)]

12. IF ANNUAL DIESEL OIL NO. 2 USAGE EXCEEDS 2,000,000 GALLONS IN ANY ONE YEAR, THEN OPERATOR SHALL DETERMINE COMPLIANCE WITH THE PARTICULATE MATTER (PM) EMISSION LIMIT(S) BY CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 5.2. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 409 LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.

FOR THE PURPOSE OF DETERMINING COMPLIANCE WITH RULE 409 LIMIT, THE EMISSIONS SHALL BE MEASURED AND AVERAGED OVER A 60 MINUTE TIME PERIOD.

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE

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

A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.

[RULE 3004 (a)(4)]

13. FOR UNITS WITH A HEAT INPUT GREATER THAN 10 MMBTU/HR AND ANNUAL DIESEL OIL NO. 2 USAGE GREATER THAN 1,000,000 GALLONS, OR GREATER THAN 336 HOURS OF OPERATION BUT NOT EXCEEDING 2,000,000 GALLONS IN ANY ONE YEAR, THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE

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

A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.

[RULE 3004 (a)(4)]

### Emissions And Requirements:

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

NOx: 12 PPMV, RULE 1303 (a)(1) - BACT [FOR NATURAL GAS]

NOx: 30 PPMV, RULE 1146 [FOR NATURAL GAS]

NOx: 40 PPMV, RULE 1146 [FOR FUEL OIL]

CO: 50 PPMV, RULE 1303 (a)(1) - BACT [FOR NATURAL GAS]

CO: 400 PPMV, RULE 1146

CO: 2000 PPMV, RULE 407

PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F98791  
A/N 482794

#### Equipment Description:

BOILER, NO. 4, UNILUX, WATERTUBE TYPE, MODEL NO. ZF1200W, SERIAL NO. 3093, WITH A NATURAL GAS (PRIMARY FUEL) AND DIESEL OIL NO. 2 (STAND-BY FUEL) FIRED, LOW NOX BURNER, AMERICAN COMBUSTION TECH., MODEL NO. ACT-06G02-SLE, RATED AT 10,200,000 BTU PER HOUR, AND EQUIPPED WITH A FLUE GAS RECIRCULATION SYSTEM.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 BOILER SHALL BE FIRED ON NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, MAINTENANCE TESTING NOT TO EXCEED 30 MINUTES A MONTH AND COMPLIANCE TESTING WITH DIESEL OIL NO. 2.  
[RULE 1303 (b)(2) - OFFSET]
4. DIESEL OIL NO. 2 SUPPLIED AT THE BURNER SHALL BE NO. 2 OR LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.0015 PERCENT SULFUR BY WEIGHT.  
[RULE 431.2]
5. THE OPERATOR SHALL HAVE THE BURNER EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR, FUEL AND RECIRCULATED FLUE GAS AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.  
[RULE 1146, RULE 1303 (a)(1) - BACT]
6. RECORDS OF SUCH ADJUSTMENTS, TUNE-UPS AND CALIBRATIONS AS STATED IN CONDITION NO. 5 SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1146, RULE 1303 (a)(1) - BACT]
7. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146, RULE 1303 (a)(1) - BACT]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

8. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:
- A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 180 DAYS AFTER INITIAL START-UP, UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.
  - B. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH NOX AND CO EMISSION LIMITS SPECIFIED IN THIS PERMIT (SEE "EMISSIONS AND REQUIREMENTS" FOR LIMITS).
  - C. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS OPERATING AT MAXIMUM, MINIMUM AND AVERAGE FIRING RATES.
  - D. WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765) AT LEAST 14 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.
  - E. TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765), ATTENTION OF THE PERMIT ENGINEER REFERENCED ON THIS APPLICATION AND REFERENCING APPLICATION NUMBER 415764, WITHIN 45 DAYS AFTER THE TEST. THE REPORT SHALL INCLUDE, BUT NOT LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE BOILER, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:
    - 1. THE EXHAUST FLOW RATES, IN ACTUAL CUBIC FEET PER MINUTE (ACFM).
    - 2. THE FIRING RATES IN BTU PER HOUR.
    - 3. THE EXHAUST TEMPERATURE, IN DEGREES F.
    - 4. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT.
    - 5. THE FUEL FLOW RATE.
  - F. THE TEST SHALL BE CONDUCTED BY A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST).
  - G. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

[RULE 3004 (a)(4), RULE 1303 (a)(1) - BACT]

9. THIS BOILER SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146.  
[RULE 1146]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

10. UPON BURNER(S) REPLACEMENT, THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1146]

### Periodic Monitoring:

11. 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 DIESEL OIL NO. 2, 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 ELIMINATE(S) 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 ACTION(S) TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORD BY A CERTIFIED SMOKE READER.

[RULE 3004 (a)(4)]

12. IF ANNUAL DIESEL OIL NO. 2 USAGE EXCEEDS 2,000,000 GALLONS IN ANY ONE YEAR, THEN OPERATOR SHALL DETERMINE COMPLIANCE WITH THE PARTICULATE MATTER (PM) EMISSION LIMIT(S) BY CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 5.2. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 409 LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.

FOR THE PURPOSE OF DETERMINING COMPLIANCE WITH RULE 409 LIMIT, THE EMISSIONS SHALL BE MEASURED AND AVERAGED OVER A 60 MINUTE TIME PERIOD.

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE

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

A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.

[RULE 3004 (a)(4)]

13. FOR UNITS WITH A HEAT INPUT GREATER THAN 10 MMBTU/HR AND ANNUAL DIESEL OIL NO. 2 USAGE GREATER THAN 1,000,000 GALLONS, OR GREATER THAN 336 HOURS OF OPERATION BUT NOT EXCEEDING 2,000,000 GALLONS IN ANY ONE YEAR, THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE

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

A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.

[RULE 3004 (a)(4)]

### Emissions And Requirements:

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

NOx: 12 PPMV, RULE 1303 (a)(1) - BACT [FOR NATURAL GAS]

NOx: 30 PPMV, RULE 1146 [FOR NATURAL GAS]

NOx: 40 PPMV, RULE 1146 [FOR FUEL OIL]

CO: 50 PPMV, RULE 1303 (a)(1) - BACT [FOR NATURAL GAS]

CO: 400 PPMV, RULE 1146

CO: 2000 PPMV, RULE 407

PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. F98792  
A/N 482795

#### Equipment Description:

BOILER, NO. 5, UNILUX, WATERTUBE TYPE, MODEL NO. ZF1200W, SERIAL NO. 3094, WITH A NATURAL GAS (PRIMARY FUEL) AND DIESEL OIL NO. 2 (STAND-BY FUEL) FIRED, LOW NOX BURNER, AMERICAN COMBUSTION TECH., MODEL NO. ACT-06G02-SLE, RATED AT 10,200,000 BTU PER HOUR, AND EQUIPPED WITH A FLUE GAS RECIRCULATION SYSTEM.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 BOILER SHALL BE FIRED ON NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, MAINTENANCE TESTING NOT TO EXCEED 30 MINUTES A MONTH AND COMPLIANCE TESTING WITH DIESEL OIL NO. 2.  
[RULE 1303 (b)(2) - OFFSET]
4. DIESEL OIL NO. 2 SUPPLIED AT THE BURNER SHALL BE NO. 2 OR LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.0015 PERCENT SULFUR BY WEIGHT.  
[RULE 431.2]
5. THE OPERATOR SHALL HAVE THE BURNER EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR, FUEL AND RECIRCULATED FLUE GAS AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.  
[RULE 1146, RULE 1303 (a)(1) - BACT]
6. RECORDS OF SUCH ADJUSTMENTS, TUNE-UPS AND CALIBRATIONS AS STATED IN CONDITION NO. 5 SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1146, RULE 1303 (a)(1) - BACT]
7. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146, RULE 1303 (a)(1) - BACT]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

8. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:
- A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 180 DAYS AFTER INITIAL START-UP, UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.
  - B. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH NOX AND CO EMISSION LIMITS SPECIFIED IN THIS PERMIT (SEE "EMISSIONS AND REQUIREMENTS" FOR LIMITS).
  - C. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS OPERATING AT MAXIMUM, MINIMUM AND AVERAGE FIRING RATES.
  - D. WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765) AT LEAST 14 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.
  - E. TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765), ATTENTION OF THE PERMIT ENGINEER REFERENCED ON THIS APPLICATION AND REFERENCING APPLICATION NUMBER 415765, WITHIN 45 DAYS AFTER THE TEST. THE REPORT SHALL INCLUDE, BUT NOT LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE BOILER, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:
    - 1. THE EXHAUST FLOW RATES, IN ACTUAL CUBIC FEET PER MINUTE (ACFM).
    - 2. THE FIRING RATES IN BTU PER HOUR.
    - 3. THE EXHAUST TEMPERATURE, IN DEGREES F.
    - 4. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT.
    - 5. THE FUEL FLOW RATE.
  - F. THE TEST SHALL BE CONDUCTED BY A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST).
  - G. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.
- [RULE 3004 (a)(4), RULE 1303 (a)(1) - BACT]
9. THIS BOILER SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146.  
[RULE 1146]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

10. UPON BURNER(S) REPLACEMENT, THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1146]

### Periodic Monitoring:

11. 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 DIESEL OIL NO. 2, 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 ELIMINATE(S) 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 ACTION(S) TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORD BY A CERTIFIED SMOKE READER.

[RULE 3004 (a)(4)]

12. IF ANNUAL DIESEL OIL NO. 2 USAGE EXCEEDS 2,000,000 GALLONS IN ANY ONE YEAR, THEN OPERATOR SHALL DETERMINE COMPLIANCE WITH THE PARTICULATE MATTER (PM) EMISSION LIMIT(S) BY CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 5.2. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 409 LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.

FOR THE PURPOSE OF DETERMINING COMPLIANCE WITH RULE 409 LIMIT, THE EMISSIONS SHALL BE MEASURED AND AVERAGED OVER A 60 MINUTE TIME PERIOD.

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE.

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

A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.

[RULE 3004 (a)(4)]

13. FOR UNITS WITH A HEAT INPUT GREATER THAN 10 MMBTU/HR AND ANNUAL DIESEL OIL NO. 2 USAGE GREATER THAN 1,000,000 GALLONS, OR GREATER THAN 336 HOURS OF OPERATION BUT NOT EXCEEDING 2,000,000 GALLONS IN ANY ONE YEAR, THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE.

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

A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.

[RULE 3004 (a)(4)]

### Emissions And Requirements:

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

NOx: 12 PPMV, RULE 1303 (a)(1) - BACT [FOR NATURAL GAS]

NOx: 30 PPMV, RULE 1146 [FOR NATURAL GAS]

NOx: 40 PPMV, RULE 1146 [FOR FUEL OIL]

CO: 50 PPMV, RULE 1303 (a)(1) - BACT [FOR NATURAL GAS]

CO: 400 PPMV, RULE 1146

CO: 2000 PPMV, RULE 407

PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. D86800  
A/N 294355

#### Equipment Description:

BOILER, AJAX, MODEL NO. WG-2750, SERIAL NUMBER 1273540, WITH LOW-NOX BURNER, VKES MODEL NO. BIT-2400X, NATURAL GAS FIRED ONLY, 2.4 MMBTU/HR

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 BOILER SHALL BE FIRED WITH NATURAL GAS ONLY.  
[RULE 1303 (b)(2) - OFFSET]
4. THIS BOILER SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146.1.  
[RULE 1146.1]
5. ON OR BEFORE JANUARY 1, 2012, THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1146.1]

#### Periodic Monitoring:

6. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 3004 (a)(4)]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### Emissions And Requirements:

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

NOx: 30 PPMV, RULE 1146.1  
NOx: 9 PPMV, RULE 1146.1 (EFFECTIVE JANUARY 1, 2012)  
CO: 400 PPMV, RULE 1146.1  
CO: 2000 PPMV, RULE 407  
PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO OPERATE

Permit No. D87887  
A/N 294357

**Equipment Description:**

BOILER, RITE 250, SERIAL NUMBER 7817026, WITH LOW-NOX BURNER, VKES MODEL NO. BIT-2200X, NATURAL GAS FIRED ONLY, 2.2 MMBTU/HR

**Conditions:**

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 BOILER SHALL BE FIRED WITH NATURAL GAS ONLY.  
[RULE 1303 (b)(2) - OFFSET]
4. THIS BOILER SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146.1.  
[RULE 1146.1]
5. ON OR BEFORE JANUARY 1, 2012, THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1146.1]

**Periodic Monitoring:**

6. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 3004 (a)(4)]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### Emissions And Requirements:

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

NOx: 30 PPMV, RULE 1146.1  
NOx: 9 PPMV, RULE 1146.1 (EFFECTIVE JANUARY 1, 2012)  
CO: 400 PPMV, RULE 1146.1  
CO: 2000 PPMV, RULE 407  
PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO CONSTRUCT

Permit No.  
A/N 419537

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 1, CATERPILLAR, MODEL NO. G3406SITA, SPARK IGNITED, FOUR CYCLES, SIX CYLINDERS, RICH BURN, NATURAL GAS FIRED, 365 B.H.P., TURBOCHARGED, AFTERCOOLED, DRIVING AN ABSORPTION CHILLER, WITH A CATALYTIC CONVERTER, NON-SELECTIVE TYPE, JOHNSON MATTHEY, MODEL NO. QXC40-8, AND AN AIR-TO-FUEL RATIO CONTROLLER, NEUTRONIC, MODEL NO. MARK IV.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE NON-SELECTIVE CATALYTIC REDUCTION UNIT WHICH IS IN FULL OPERATION AND WHICH IS IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 1303 (a)(1) - BACT]
4. THIS ENGINE SHALL BE FIRED ON NATURAL GAS ONLY.  
[RULE 1303 (b)(2) - OFFSET]
5. THE TEMPERATURE OF THE ENGINE EXHAUST GAS AT THE INLET OF THE NON-SELECTIVE CATALYTIC REDUCTION UNIT SHALL BE GREATER THAN OR EQUAL TO 800 DEGREES FAHRENHEIT AND LESS THAN OR EQUAL TO 1300 DEGREES FAHRENHEIT, EXCEPT DURING COLD ENGINE START-UP WHICH SHALL NOT EXCEED 10 MINUTES.  
[RULE 1303 (a)(1) - BACT]
6. THE OPERATOR SHALL OPERATE THIS EQUIPMENT IN COMPLIANCE WITH RULE 1110.2.  
[RULE 1110.2]
7. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT A SOURCE TEST AS PER APPROVED METHODS TO DEMONSTRATE COMPLIANCE WITH EMISSION LIMITS (SEE "EMISSIONS AND REQUIREMENTS" FOR LIMITS), UNDER THE FOLLOWING CONDITIONS:
  - A. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED FOR THE EXECUTIVE OFFICER'S REVIEW AND APPROVAL AT LEAST 60 DAYS PRIOR TO COMMENCEMENT OF TESTING.

## **FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL**

- B. THE SOURCE TEST SHALL BE CONDUCTED WITHIN 60 DAYS AFTER ACHIEVING MAXIMUM OPERATING CONDITIONS, BUT NO LATER THAN 180 DAYS AFTER INITIAL START-UP (INCLUDES COMMISSIONING TIME), UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER. THE SOURCE TEST SHALL BE COMPLETED WITHIN ONE YEAR FROM THE PERMIT ISSUANCE DATE.
- C. THE SOURCE TEST SHALL BE PERFORMED WHEN THE ENGINE IS OPERATING AT MAXIMUM, NORMAL AND LOW LOADS TO VERIFY COMPLIANCE WITH NOX, CO AND VOC EMISSION LIMITS OF THIS PERMIT (SEE "EMISSIONS AND REQUIREMENTS" FOR LIMITS).
- D. THE AQMD ENGINEER SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO TESTING.
- E. TWO COMPLETE COPIES OF SOURCE TEST REPORTS (WITH COPY OF PERMIT INCLUDED) SHALL BE SUBMITTED TO THE DISTRICT ENGINEER IDENTIFIED ON THE PERMIT TO CONSTRUCT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765-4178, ATTENTION DISTRICT ENGINEER IDENTIFIED ON THE PERMIT TO CONSTRUCT) WITHIN 45 DAYS AFTER THE TEST.
- F. THE SOURCE TEST SHALL DETERMINE THE FOLLOWING:
  - 1. THE EMISSION CONCENTRATIONS IN PPMV, CORRECTED TO 15% OXYGEN ON A DRY BASIS AFTER THE CATALYTIC CONVERTER FOR THE FOLLOWING POLLUTANTS:
    - a. OXIDES OF NITROGEN
    - b. NON-METHANE AND NON-ETHANE ORGANIC GASES
    - c. CARBON MONOXIDE
  - 2. ON ONE OUT OF TWO ENGINES OPERATING UNDER DISTRICT APPLICATION NUMBERS 419537 AND 419538, THE EMISSIONS CONCENTRATION FOR VOC SHALL BE MEASURED AT THE INLET AND OUTLET OF THE CATALYTIC CONVERTER.
  - 3. THE TEMPERATURE OF THE EXHAUST GASES ENTERING THE CATALYTIC CONVERTER.
  - 4. THE OXYGEN CONTENT OF THE EXHAUST GASES EXITING THE CATALYTIC CONVERTER.
  - 5. THE MILLIVOLTS EQUIVALENT READINGS OF THE OXYGEN SENSOR.
- G. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

- H. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

[RULE 3004 (a)(4), RULE 1303 (a)(1) - BACT]

8. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.

[RULE 3004 (a)(4)]

### Periodic Monitoring:

9. THIS EQUIPMENT SHALL COMPLY WITH MONITORING AND RECORD KEEPING REQUIREMENTS OF RULE 1110.2 (F)(1) AS OUTLINED BELOW:

- A. THE ENGINE SHALL HAVE AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER (DISPLAY READING SHALL BE READILY AVAILABLE) TO DETERMINE THE ENGINE ELAPSED OPERATING TIME.
- B. PROVIDE SOURCE TEST INFORMATION REGARDING THE EXHAUST GAS, SPECIFICALLY FOR NOX, VOC REPORTED AS NON-METHANE AND NON-ETHANE, AND CO CONCENTRATIONS (CONCENTRATIONS IN PPM BY VOLUME, CORRECTED TO 15 PERCENT OXYGEN ON DRY BASIS) AT LEAST ONCE EVERY THREE YEARS. IF THE ENGINE HAS NOT BEEN OPERATED WITHIN THREE MONTHS OF THE DATE A SOURCE TEST IS REQUIRED, THE SOURCE TEST SHALL BE CONDUCTED WHEN THE ENGINE RESUMES OPERATION FOR A PERIOD LONGER THAN EITHER 7 CONSECUTIVE DAYS OR 15 CUMULATIVE DAYS OF OPERATION. THE OWNER / OPERATOR OF THE ENGINE SHALL KEEP SUFFICIENT OPERATING RECORDS TO DEMONSTRATE THAT IT MEETS THE REQUIREMENTS FOR EXTENSION OF THE SOURCE TESTING DEADLINES.
- C. MAINTAIN A MONTHLY OPERATING ENGINE LOG THAT INCLUDES:
1. TOTAL HOURS OF OPERATION,
  2. TYPE OF LIQUID AND/OR TYPE OF GASEOUS FUEL,
  3. FUEL CONSUMPTION (CUBIC FEET OF GAS OR GALLONS OF LIQUID), AND
  4. CUMULATIVE HOURS OF OPERATION SINCE THE LAST SOURCE TEST REQUIRED IN SUBPARAGRAPH (F)(1)(D) OF RULE 1110.2.

THE LOG SHALL BE AVAILABLE FOR INSPECTION AT ANY TIME.

[RULE 3004 (a)(4), RULE 1110.2]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

10. 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. THE OPERATOR SHALL MAINTAIN AN EXHAUST GAS OXYGEN SENSOR AND A GAUGE OR OTHER DEVICE THAT MONITORS THE EXHAUST GAS OXYGEN CONCENTRATION. THE DISPLAY OF THE EXHAUST GAS CONCENTRATION SHALL READ IN MILLIVOLTS (MV). THE OPERATOR SHALL MAINTAIN ON SITE A CONVERSION CHART. THE CHART SHALL CORRELATE THE MILLIVOLT READING TO THE OXYGEN CONCENTRATION. THE EXHAUST GAS OXYGEN CONCENTRATION SHALL BE MAINTAINED BETWEEN 0.3 AND 0.5 PERCENT OXYGEN.  
[RULE 3004 (a)(4), RULE 1303 (a)(1) - BACT]
11. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE TO ACCURATELY INDICATE THE TEMPERATURE IN DEGREES FAHRENHEIT AT THE INLET AND OUTLET OF THE CATALYST BED. THE TEMPERATURE SHALL BE RECORDED AT LEAST ONCE EVERY MONTH.  
[RULE 3004 (a)(4), RULE 1303 (a)(1) - BACT]
12. THE OPERATOR SHALL PERIODICALLY MONITOR NOX AND CO EMISSIONS IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- THE TEST(S) SHALL BE CONDUCTED EVERY SIX MONTHS BY THE OPERATOR OR BY AN INDEPENDENT LABORATORY USING A PORTABLE ANALYZER AND IN ACCORDANCE WITH SCAQMD'S DOCUMENT ENTITLED "TESTING GUIDELINES (PROTOCOL) FOR PERIODIC MONITORING OF NITROGEN OXIDES, CARBON MONOXIDE AND SULFUR DIOXIDE". THE TEST(S) SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING AT NORMAL CONDITIONS. THE TEST(S) SHALL BE CONDUCTED TO DETERMINE COMPLIANCE WITH THE NOX AND CO EMISSION LIMITS (SEE "EMISSIONS AND REQUIREMENTS" FOR LIMITS).  
[RULE 3004 (a)(4)]

### Emissions And Requirements:

13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS :
- NOx: 12 PPMV, RULE 1303 (a)(1) - BACT  
NOx: 11 PPMVD, RULE 1110.2
- CO: 76 PPMV, RULE 1303 (a)(1) - BACT  
CO: 250 PPMVD, RULE 1110.2
- VOC: 33 PPMV, RULE 1303 (a)(1) - BACT  
VOC: 30 PPMV, RULE 1110.2

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### PERMIT TO CONSTRUCT

Permit No.  
A/N 419538

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 2, CATERPILLAR, MODEL NO. G3406SITA, SPARK IGNITED, FOUR CYCLES, SIX CYLINDERS, RICH BURN, NATURAL GAS FIRED, 365 B.H.P., TURBOCHARGED, AFTERCOOLED, DRIVING AN ABSORPTION CHILLER, WITH A CATALYTIC CONVERTER, NON-SELECTIVE TYPE, JOHNSON MATTHEY, MODEL NO. QXC40-8, AND AN AIR-TO-FUEL RATIO CONTROLLER, NEUTRONIC, MODEL NO. MARK IV.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE 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 BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE NON-SELECTIVE CATALYTIC REDUCTION UNIT WHICH IS IN FULL OPERATION AND WHICH IS IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 1303 (a)(1) - BACT]
4. THIS ENGINE SHALL BE FIRED ON NATURAL GAS ONLY.  
[RULE 1303 (b)(2) - OFFSET]
5. THE TEMPERATURE OF THE ENGINE EXHAUST GAS AT THE INLET OF THE NON-SELECTIVE CATALYTIC REDUCTION UNIT SHALL BE GREATER THAN OR EQUAL TO 800 DEGREES FAHRENHEIT AND LESS THAN OR EQUAL TO 1300 DEGREES FAHRENHEIT, EXCEPT DURING COLD ENGINE START-UP WHICH SHALL NOT EXCEED 10 MINUTES.  
[RULE 1303 (a)(1) - BACT]
6. THE OPERATOR SHALL OPERATE THIS EQUIPMENT IN COMPLIANCE WITH RULE 1110.2.  
[RULE 1110.2]
7. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT A SOURCE TEST AS PER APPROVED METHODS TO DEMONSTRATE COMPLIANCE WITH EMISSION LIMITS (SEE "EMISSIONS AND REQUIREMENTS" FOR LIMITS), UNDER THE FOLLOWING CONDITIONS:
  - A. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED FOR THE EXECUTIVE OFFICER'S REVIEW AND APPROVAL AT LEAST 60 DAYS PRIOR TO COMMENCEMENT OF TESTING.

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

- B. THE SOURCE TEST SHALL BE CONDUCTED WITHIN 60 DAYS AFTER ACHIEVING MAXIMUM OPERATING CONDITIONS, BUT NO LATER THAN 180 DAYS AFTER INITIAL START-UP (INCLUDES COMMISSIONING TIME), UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER. THE SOURCE TEST SHALL BE COMPLETED WITHIN ONE YEAR FROM THE PERMIT ISSUANCE DATE.
- C. THE SOURCE TEST SHALL BE PERFORMED WHEN THE ENGINE IS OPERATING AT MAXIMUM, NORMAL AND LOW LOADS TO VERIFY COMPLIANCE WITH NOX, CO AND VOC EMISSION LIMITS OF THIS PERMIT (SEE "EMISSIONS AND REQUIREMENTS" FOR LIMITS).
- D. THE AQMD ENGINEER SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO TESTING.
- E. TWO COMPLETE COPIES OF SOURCE TEST REPORTS (WITH COPY OF PERMIT INCLUDED) SHALL BE SUBMITTED TO THE DISTRICT ENGINEER IDENTIFIED ON THE PERMIT TO CONSTRUCT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765-4178, ATTENTION DISTRICT ENGINEER IDENTIFIED ON THE PERMIT TO CONSTRUCT) WITHIN 45 DAYS AFTER THE TEST.
- F. THE SOURCE TEST SHALL DETERMINE THE FOLLOWING:
1. THE EMISSION CONCENTRATIONS IN PPMV, CORRECTED TO 15% OXYGEN ON A DRY BASIS AFTER THE CATALYTIC CONVERTER FOR THE FOLLOWING POLLUTANTS:
    - a. OXIDES OF NITROGEN
    - b. NON-METHANE AND NON-ETHANE ORGANIC GASES
    - c. CARBON MONOXIDE
  2. ON ONE OUT OF TWO ENGINES OPERATING UNDER DISTRICT APPLICATION NUMBERS 419537 AND 419538, THE EMISSIONS CONCENTRATION FOR VOC SHALL BE MEASURED AT THE INLET AND OUTLET OF THE CATALYTIC CONVERTER.
  3. THE TEMPERATURE OF THE EXHAUST GASES ENTERING THE CATALYTIC CONVERTER.
  4. THE OXYGEN CONTENT OF THE EXHAUST GASES EXITING THE CATALYTIC CONVERTER.
  5. THE MILLIVOLTS EQUIVALENT READINGS OF THE OXYGEN SENSOR.
- G. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

- H. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

[RULE 3004 (a)(4), RULE 1303 (a)(1) - BACT]

8. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.

[RULE 3004 (a)(4)]

### Periodic Monitoring:

9. THIS EQUIPMENT SHALL COMPLY WITH MONITORING AND RECORD KEEPING REQUIREMENTS OF RULE 1110.2 (F)(1) AS OUTLINED BELOW:

- A. THE ENGINE SHALL HAVE AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER (DISPLAY READING SHALL BE READILY AVAILABLE) TO DETERMINE THE ENGINE ELAPSED OPERATING TIME.
- B. PROVIDE SOURCE TEST INFORMATION REGARDING THE EXHAUST GAS, SPECIFICALLY FOR NOX, VOC REPORTED AS NON-METHANE AND NON-ETHANE, AND CO CONCENTRATIONS (CONCENTRATIONS IN PPM BY VOLUME, CORRECTED TO 15 PERCENT OXYGEN ON DRY BASIS) AT LEAST ONCE EVERY THREE YEARS. IF THE ENGINE HAS NOT BEEN OPERATED WITHIN THREE MONTHS OF THE DATE A SOURCE TEST IS REQUIRED, THE SOURCE TEST SHALL BE CONDUCTED WHEN THE ENGINE RESUMES OPERATION FOR A PERIOD LONGER THAN EITHER 7 CONSECUTIVE DAYS OR 15 CUMULATIVE DAYS OF OPERATION. THE OWNER / OPERATOR OF THE ENGINE SHALL KEEP SUFFICIENT OPERATING RECORDS TO DEMONSTRATE THAT IT MEETS THE REQUIREMENTS FOR EXTENSION OF THE SOURCE TESTING DEADLINES.
- C. MAINTAIN A MONTHLY OPERATING ENGINE LOG THAT INCLUDES:
1. TOTAL HOURS OF OPERATION,
  2. TYPE OF LIQUID AND/OR TYPE OF GASEOUS FUEL,
  3. FUEL CONSUMPTION (CUBIC FEET OF GAS OR GALLONS OF LIQUID), AND
  4. CUMULATIVE HOURS OF OPERATION SINCE THE LAST SOURCE TEST REQUIRED IN SUBPARAGRAPH (F)(1)(D) OF RULE 1110.2.

THE LOG SHALL BE AVAILABLE FOR INSPECTION AT ANY TIME.

[RULE 3004 (a)(4), RULE 1110.2]

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

10. 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. THE OPERATOR SHALL MAINTAIN AN EXHAUST GAS OXYGEN SENSOR AND A GAUGE OR OTHER DEVICE THAT MONITORS THE EXHAUST GAS OXYGEN CONCENTRATION. THE DISPLAY OF THE EXHAUST GAS CONCENTRATION SHALL READ IN MILLIVOLTS (MV). THE OPERATOR SHALL MAINTAIN ON SITE A CONVERSION CHART. THE CHART SHALL CORRELATE THE MILLIVOLT READING TO THE OXYGEN CONCENTRATION. THE EXHAUST GAS OXYGEN CONCENTRATION SHALL BE MAINTAINED BETWEEN 0.3 AND 0.5 PERCENT OXYGEN.  
[RULE 3004 (a)(4), RULE 1303 (a)(1) - BACT]

11. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE TO ACCURATELY INDICATE THE TEMPERATURE IN DEGREES FAHRENHEIT AT THE INLET AND OUTLET OF THE CATALYST BED. THE TEMPERATURE SHALL BE RECORDED AT LEAST ONCE EVERY MONTH.  
[RULE 3004 (a)(4), RULE 1303 (a)(1) - BACT]

12. THE OPERATOR SHALL PERIODICALLY MONITOR NOX AND CO EMISSIONS IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

THE TEST(S) SHALL BE CONDUCTED EVERY SIX MONTHS BY THE OPERATOR OR BY AN INDEPENDENT LABORATORY USING A PORTABLE ANALYZER AND IN ACCORDANCE WITH SCAQMD'S DOCUMENT ENTITLED "TESTING GUIDELINES (PROTOCOL) FOR PERIODIC MONITORING OF NITROGEN OXIDES, CARBON MONOXIDE AND SULFUR DIOXIDE". THE TEST(S) SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING AT NORMAL CONDITIONS. THE TEST(S) SHALL BE CONDUCTED TO DETERMINE COMPLIANCE WITH THE NOX AND CO EMISSION LIMITS (SEE "EMISSIONS AND REQUIREMENTS" FOR LIMITS).  
[RULE 3004 (a)(4)]

### Emissions And Requirements:

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

NOx: 12 PPMV, RULE 1303 (a)(1) - BACT  
NOx: 11 PPMVD, RULE 1110.2  
CO: 76 PPMV, RULE 1303 (a)(1) - BACT  
CO: 250 PPMVD, RULE 1110.2  
VOC: 33 PPMV, RULE 1303 (a)(1) - BACT  
VOC: 30 PPMVD, RULE 1110.2

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### RULE 219 EQUIPMENT

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, 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 REGULATION:

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### RULE 219 EQUIPMENT

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, BOILER, > 75,000 BTU/HR BUT  $\leq$  2,000,000 BTU/HR.

**Emissions And Requirements:**

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

PM: 0.1 gr/scf, RULE 409  
NO<sub>x</sub>: 30 PPMV, RULE 1146.2  
CO: 400 PPMV, RULE 1146.2  
CO: 2000 PPMV, RULE 407

# **FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL**

## **RULE 219 EQUIPMENT**

### **Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS

### **Emissions And Requirements:**

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

REFRIGERANT: RULE 1415  
REFRIGERANT: 40 CFR 82 SUBPART F

## **FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, WIPE CLEANING (SOLVENTS).

**Emissions And Requirements:**

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

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL**

### **SECTION I: PLANS AND SCHEDULES**

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans .

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

#### **List of approved plans:**

<b>Application</b>	<b>Rule</b>
504737	1146

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.

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### SECTION K: TITLE V Administration

#### *FACILITY RULES*

*This facility is subject to the following rules and regulations*

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 109	5-2-2003	Federally enforceable
RULE 1110.2	7-9-2010	Non federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	6-3-2011	Non federally enforceable
RULE 1146	11-17-2000	Federally enforceable
RULE 1146	9-5-2008	Non federally enforceable
RULE 1146.1	5-13-1994	Federally enforceable
RULE 1146.1	9-5-2008	Non federally enforceable
RULE 1146.2	5-5-2006	Federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304	6-14-1996	Federally enforceable
RULE 1401	9-10-2010	Non federally enforceable
RULE 1415	12-3-2010	Non federally enforceable
RULE 1470	6-1-2007	Non federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### SECTION K: TITLE V Administration

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 429	12-21-1990	Non federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.1	6-12-1998	Federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 82 Subpart F	5-14-1993	Federally enforceable

**FACILITY PERMIT TO OPERATE  
KAISER FOUNDATION HOSPITAL**

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

NONE

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-08-1996]

- (1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.
- (2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

### TABLE OF STANDARDS

#### VOC LIMITS

#### Grams of VOC Per Liter of Coating, Less Water And Less Exempt Compounds

COATING	Limit*	Effective Date of Adoption	Effective 1/1/1998	Effective 1/1/1999	Effective 7/1/2001	Effective 1/1/2005	Effective 7/1/2008
Bond Breakers	350						
Clear Wood Finishes							
Varnish	350						
Sanding Sealers	350						
Lacquer	680		550			275	
Concrete-Curing Compounds	350						
Dry-Fog Coatings	400						
Fire-proofing Exterior Coatings	350	450		350			
Fire-Retardant Coatings							
Clear	650						
Pigmented	350						
Flats	250						
Graphic Arts (Sign) Coatings	500				100		50

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-08-1996]

Industrial Maintenance						
Primers and Topcoats						
Alkyds	420					
Catalyzed Epoxy	420					
Bituminous Coatings	420					
Materials						
Inorganic Polymers	420					
Vinyl Chloride Polymers	420					
Chlorinated Rubber	420					
Acrylic Polymers	420					
Urethane Polymers	420					
Silicones	420					
Unique Vehicles	420					
Japans/Faux Finishing	350	700		350		
Coatings						
Magnesite Cement Coatings	600			450		
Mastic Coatings	300					
Metallic Pigmented Coatings	500					
Multi-Color Coatings	420		250			
Pigmented Lacquer	680		550		275	
Pre-Treatment Wash Primers	780					
Primers, Sealers, and	350					
Undercoaters						
Quick-Dry Enamels	400					
Roof Coatings	300					
Shellac						
Clear	730					
Pigmented	550					
Stains	350					
Swimming Pool Coatings						
Repair	650					
Other	340					
Traffic Coatings	250		150			
Waterproofing Sealers	400					
Wood Preservatives						
Below-Ground	350					
Other	350					

\* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

### TABLE OF STANDARDS (cont.)

#### VOC LIMITS

#### Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

## **FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL**

### **APPENDIX B: RULE EMISSION LIMITS [RULE 1113 06-03-2011]**

- (1) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6) of Rule 1113, no person shall supply, sell, offer for sale, market, manufacture, blend, repackage, apply, store at a worksite, or solicit the application of any architectural coating within the District:
  - (A) That is listed in the Table of Standards 1 and contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified; or
  - (B) That is not listed in the Table of Standards 1, and contains VOC (excluding any colorant added to tint bases) in excess of 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, until January 1, 2014, at which time the limit drops to 50 grams of VOC per liter of coating, less water, less exempt compounds (0.42 pounds per gallon).
- (2) No person within the District shall add colorant at the point of sale that is listed in the Table of Standards 2 and contains VOC in excess of the corresponding VOC limit specified in the Table of Standards 2, after the effective date specified.

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 06-03-2011]

#### TABLE OF STANDARDS 1 VOC LIMITS

**Grams of VOC Per Liter of Coating,  
Less Water and Less Exempt Compounds**

COATING CATEGORY	Ceiling Limit <sup>1</sup>	Current Limit <sup>2</sup>	Effective Date		
			7/1/08	1/1/12	1/1/14
Bond Breakers		350			
Clear Wood Finishes		275			
Varnish	350	275			
Sanding Sealers	350	275			
Lacquer		275			
Concrete-Curing Compounds		100			
Concrete-Curing Compounds For Roadways and Bridges <sup>3</sup>		350			
Concrete Surface Retarder		250			50
Driveway Sealer		100		50	
Dry-Fog Coatings		150			50
Faux Finishing Coatings					
Clear Topcoat		350		200	
Decorative Coatings		350			100
Glazes		350			
Japan		350			
Trowel Applied Coatings		350		150	50
Fire-Proofing Coatings		350			150
Flats	250	50	50		
Floor Coatings	100	50			
Form Release Compound		250			100
Graphic Arts (Sign) Coatings		500			150
Industrial Maintenance (IM) Coatings	420	100			
High Temperature IM Coatings		420			
Non-Sacrificial Anti-Graffiti Coatings		100			
Zinc-Rich IM Primers	340	100			
Magnesite Cement Coatings		450			
Mastic Coatings		300			100
Metallic Pigmented Coatings	500	500			150
Multi-Color Coatings		250			
Nonflat Coatings	150	50			
Pre-Treatment Wash Primers		420			
Primers, Sealers, and Undercoaters	200	100			
Reactive Penetrating Sealers		350			
Recycled Coatings		250			
Roof Coatings	250	50			
Roof Coatings, Aluminum		100			

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 06-03-2011]

Roof Primers, Bituminous	350	350		
Rust Preventative Coatings	400	100		
Stone Consolidant		450		
Sacrificial Anti-Graffiti Coatings		100		50
Shellac				
Clear		730		
Pigmented		550		
Specialty Primers	350	100		
Stains		100		

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 06-03-2011]

COATING CATEGORY	Ceiling Limit <sup>1</sup>	Current Limit <sup>2</sup>	Effective Date		
			7/1/08	1/1/12	1/1/14
Stains, Interior	250	250			
Swimming Pool Coatings					
Repair		340			
Other		340			
Traffic Coatings		100			
Waterproofing Sealers	250	100			
Waterproofing Concrete/Masonry Sealers	400	100			
Wood Preservatives		350			

1. The specified ceiling limits are applicable to products sold under the Averaging Compliance Option.
2. The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.
3. Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

#### TABLE OF STANDARDS 1 (cont.) VOC LIMITS

##### Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

#### TABLE OF STANDARDS 2 VOC LIMITS FOR COLORANTS

##### Grams of VOC Per Liter of Colorant Less Water and Less Exempt Compounds

COLORANT	Limit <sup>4</sup>
Architectural Coatings, excluding IM Coatings	50
Solvent-Based IM	600
Waterborne IM	50

4. Effective January 1, 2014.

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-07-2003]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)
(B) Repair and Maintenance Cleaning	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-07-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals	
(A) Tools, Equipment, & Machinery	800 (6.7)
(B) General Work Surfaces	600 (5.0)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)
(D) Cleaning of Ink Application Equipment	
(i) General	25 (0.21)
(ii) Flexographic Printing	25 (0.21)
(iii) Gravure Printing	
(A) Publication	750 (6.3)
(B) Packaging	25 (0.21)
(iv) Lithographic or Letter Press Printing	

**FACILITY PERMIT TO OPERATE  
 KAISER FOUNDATION HOSPITAL**

**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1171 11-07-2003]**

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Roller Wash – Step 1	600 (5.0)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)
(C) Removable Press Components	25 (0.21)
(v) Screen Printing	750 (6.3)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)
(vii) Specialty Flexographic Printing	600 (5.0)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	EFFECTIVE 1/1/2010
	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals	800 (6.7)	
(B) Repair and Maintenance Cleaning		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

	<b>CURRENT LIMITS*</b>	<b>EFFECTIVE 1/1/2010</b>
<b>SOLVENT CLEANING ACTIVITY (cont.)</b>	<b>VOC g/l (lb/gal)</b>	<b>VOC g/l (lb/gal)</b>
(iii) Medical Devices & Pharmaceuticals		
(A) Tools, Equipment, & Machinery	800 (6.7)	
(B) General Work Surfaces	600 (5.0)	
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)	
(D) Cleaning of Ink Application Equipment		
(i) General	25 (0.21)	
(ii) Flexographic Printing	25 (0.21)	
(iii) Gravure Printing		
(A) Publication	100 (0.83)	
(B) Packaging	25 (0.21)	
(iv) Lithographic (Offset) or Letter Press Printing		
(A) Roller Wash, Blanket Wash, & On-Press Components	100 (0.83)	

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(B) Removable Press Components	25 (0.21)	
(v) Screen Printing	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)	
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)	

\* The specified limits remain in effect unless revised limits are listed in subsequent columns.

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### APPENDIX B: RULE EMISSION LIMITS [RULE 404 02-07-1986]

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a).

Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

**TABLE 404(a)**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### APPENDIX B: RULE EMISSION LIMITS [RULE 404 02-07-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148

## FACILITY PERMIT TO OPERATE KAISER FOUNDATION HOSPITAL

### APPENDIX B: RULE EMISSION LIMITS [RULE 404 02-07-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter <sup>7</sup> Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100



South Coast Air Quality Management District

Form 400-A

Application For Permit To Construct and Permit To Operate

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

Tel: (909) 396-3385 www.aqmd.gov

Section A: Operator Information

1. Business Name of Operator To Appear On The Permit: Kaiser Foundation Hospital
2. Valid AQMD Facility ID (Available on Permit or Invoice issued by AQMD): 800429
3. Owner's Business Name (only if different from Business Name of Operator):

Section B: Equipment Location

4. Equipment Location Address: For equipment operated at various locations in AQMD's jurisdiction, provide address of initial site
1550 North Edgemont Street
Street Address
Los Angeles CA 90027 5210
City State Zip Code
County: [X] Los Angeles [ ] Orange [ ] San Bernardino [ ] Riverside
Contact Name: Robert Calderon
Contact Title: Chief Engineer Phone: (323) 783-7732
Fax: (323) 783-7438 E-Mail: robert.n.calderon@kp.org

Section C: Permit Mailing Address

5. Permit and Correspondence Information:
[X] Check here if same as equipment location address
Street Address
City State Zip Code
Contact Name:
Contact Title:
Phone:
Fax: E-Mail:

Section D: Application Type The facility is in [ ] RECLAIM [X] Title V [ ] RECLAIM & Title V Program (please check if applicable)

6. Reason for Submitting Application (Select only ONE):
[ ] New Construction (Permit to Construct)
[ ] Equipment Operating Without A Permit or Expired Permit\*
[ ] Administrative Change
[ ] Equipment On-Site But Not Constructed or Operational
[X] Title V Application (Initial, Revisions, Modifications, etc.) (74)
[ ] Compliance Plan
[ ] Facility Permit Amendment
[ ] Registration/Certification
[ ] Streamlined Standard Permit
[ ] Permitted Equipment Altered/ Modified Without Permit Approval\*
[ ] Proposed Alteration/Modification to Permitted Equipment
[ ] Change of Condition For Permit To Operate
[ ] Change of Condition For Permit To Construct
[ ] Change of Location—Moving to New Site
Existing Or Previous Permit/Application Number:
(If you checked any of the items in this column, you MUST provide a existing Permit/ Application Number)

7. Estimated Start Date of Operation/Construction (MM/DD/YYYY): 11/20/09
8. Description of Equipment: Title V Permit Renewal Application
9. Is this equipment portable AND will it be operated at different locations within AQMD's jurisdiction? [X] No [ ] Yes
10. For identical equipment, how many additional applications are being submitted with this application? (Form 400-A required for each)
11. Are you a Small Business as per AQMD's Rule 102 definition? (10 employees or less and total gross receipts are \$500,000 or less, or a not-for-profit training center?) [X] No [ ] Yes
12. Has a Notice of Violation (NOV) or a Notice To Comply (NC) been issued for this equipment? [X] No [ ] Yes If yes, provide NOV/NC #:

Section E: Facility Business Information

13. What type of business is being conducted at this equipment location? General Medical/Surgical
14. What is your businesses primary NAICS Code (North American Industrial Classification System)? 622110
15. Are there other facilities in the SCAQMD jurisdiction operated by the same operator? [ ] No [X] Yes
16. Are there any schools (K-12) within a 1000-ft. radius of the equipment physical location? [ ] No [X] Yes

Section F: Authorization/Signature I hereby certify that all information contained herein and information submitted with this application is true and correct.

17. Signature of Responsible Official: [Signature] 11/23/09
18. Title: Director of Facility Services
19. Print Name: David R. Smith
20. Date: 12/10/09
Check List
[ ] Form(s) signed and dated by authorized official
[ ] Supplemental Equipment Form (400-E-XX or 400-E-GEN)
[ ] CEQA Form (400-CEQA) attached
[ ] Payment for permit processing fee attached
Your application will be rejected if any of the above items are missing.

Table with columns: AQMD USE ONLY, APPLICATION/TRACKING # (503958), TYPE (BCD), EQUIPMENT CATEGORY CODE, FEE SCHEDULE, VALIDATION (11/25/09), ASSIGNMENT (Unit J Engineer), CHECK/MONEY ORDER # (46375), AMOUNT (\$2760/39), TRACKING # (CT84316)

present 12/10/09