



# South Coast Air Quality Management District

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

October 19, 2012

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

Reference: Transmittal of Proposed Title V Renewal Permit

Dear Mr. Rios:

Enclosed are the proposed Title V renewal permit, permit summary, and statement of basis for Saint Joseph Hospital, located at 1100 West Stewart Drive, Orange, CA, 92868. With your receipt of the proposed Title V renewal permit, we will note that the EPA 45-day period begins on October 19, 2012.

If you have any questions on the proposed Title V renewal permit, please contact Mr. Roy Olivares, Air Quality Engineer, at (909) 396-2208.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian L. Yeh", is written over the typed name and title.

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

BLY:AYL:JTY:RDO

Enclosures:

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

## **FACILITY PERMIT TO OPERATE**

**SAINT JOSEPH HOSPITAL  
1100 W STEWART DR  
ORANGE, CA 92868**

### **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 SAINT JOSEPH HOSPITAL

### TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	DRAFT	09/27/2012
B	RECLAIM Annual Emission Allocation	DRAFT	09/27/2012
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	DRAFT	09/27/2012
E	Administrative Conditions	DRAFT	09/27/2012
F	RECLAIM Monitoring and Source Testing Requirements	DRAFT	09/27/2012
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	DRAFT	09/27/2012
H	Permit To Construct and Temporary Permit to Operate	DRAFT	09/27/2012
I	Compliance Plans & Schedules	DRAFT	09/27/2012
J	Air Toxics	DRAFT	09/27/2012
K	Title V Administration	DRAFT	09/27/2012
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	DRAFT	09/27/2012
B	Rule Emission Limits	DRAFT	09/27/2012

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### SECTION A: FACILITY INFORMATION

**LEGAL OWNER &/OR OPERATOR:** SAINT JOSEPH HOSPITAL

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

**EQUIPMENT LOCATION:** 1100 W STEWART DR  
ORANGE, CA 92868

**MAILING ADDRESS:** 1100 W STEWART DR  
ORANGE, CA 92613-5600

**RESPONSIBLE OFFICIAL:** KIRK BRANTLEY

**TITLE:** DIRECTOR PLANT OPERATIONS

**TELEPHONE NUMBER:** (714) 771-8219

**CONTACT PERSON:** CINDY THURMAN

**TITLE:** FACILITIES OPS MANAGER

**TELEPHONE NUMBER:** (714) 628-3997

**TITLE V PERMIT ISSUED:** August 31, 2007

**TITLE V PERMIT EXPIRATION DATE:** August 30, 2012

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

**FACILITY PERMIT TO OPERATE  
SAINT JOSEPH HOSPITAL**

**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE  
SAINT JOSEPH HOSPITAL**

**SECTION C: FACILITY PLOT PLAN**

(TO BE DEVELOPED)

## **FACILITY PERMIT TO OPERATE SAINT JOSEPH 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 SAINT JOSEPH HOSPITAL

### PERMITTED EQUIPMENT LIST

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

Application number	Permit to Operate number	Equipment description
517760	G	BOILER
517792	G	BOILER
388825	F44235	AIR POLLUTION CONTROL SYS.
419700	F63503	AIR POLLUTION CONTROL SYS.
419699	F63502	AIR POLLUTION CONTROL SYS.
259397	D70000	STERILIZER ETHYLENE OXIDE
259396	D70004	STERILIZER ETHYLENE OXIDE
259395	D70006	STERILIZER ETHYLENE OXIDE
388719	F44234	STERILIZER ETHYLENE OXIDE
409995	F57833	ICE EM ELEC GEN-DIESEL
408556	F56238	ICE EM ELEC GEN-DIESEL
442496	F86264	ICE EM ELEC GEN-DIESEL
442497	F86265	ICE EM ELEC GEN-DIESEL
510550	G10521	BOILER
510551	G10521	BOILER

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

**FACILITY PERMIT TO OPERATE  
SAINT JOSEPH 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 RINGLEMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR
  - B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.  
[RULE 401]
  
3. 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]

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### PERMIT TO CONSTRUCT

Permit No.  
A/N 517760

#### Equipment Description:

BOILER, NUMBER 1, FIRE TUBE, TITUSVILLE PACKAGE TYPE, MODEL NO. WTP-12-5, 450 HP, SERIAL NO. 39-0042-1, NATURAL GAS WITH FUEL OIL FIRED STANDBY FUEL, WITH ONE COMBUSTION LOW NOX BURNER, CLEAVER BROOKS, MODEL NPF PF NTD210GX-09S-3, RATED AT 18,800,000 BTU/HR, WITH A 15 H.P. COMBUSTION BLOWER, AND AN INDUCED FLUE GAS RECIRCULATION.

#### 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 BOILER SHALL BE FIRED ON NATURAL GAS. FUEL OIL USE IS RESTRICTED TO PERIODS OF NATURAL GAS CURTAILMENT, NATURAL GAS SUPPLY EMERGENCIES, MAINTENANCE TESTING OR PERIODIC TESTING. PERIODIC TESTING OF FUEL OIL SHALL NOT EXCEED A COMBINED TOTAL OF 48 HOURS DURING ANY ONE CALENDAR YEAR.  
[RULE 1146, 40 CFR 63.11237]
4. THIS EQUIPMENT SHALL COMPLY WITH RULE 1146.  
[RULE 1146]
5. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146]
6. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH SOURCE TESTING REQUIREMENTS IN SUBDIVISION (d)(6)--COMPLIANCE DETERMINATION OF RULE 1146.  
[RULE 1146]
7. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH PERIODIC MONITORING REQUIREMENTS OF RULE 1146 (c)(8).  
[RULE 1146]
8. THIS BOILER SHALL EMIT NO MORE THAN 30 PPM FOR OXIDES OF NITROGEN (NOX) MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN AVERAGED OVER A PERIOD OF 15

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

CONSECUTIVE MINUTES WHEN FIRING ON NATURAL GAS.  
[RULE 1146]

9. EFFECTIVE 1/1/2013 THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES WHEN FIRING ON NATURAL GAS.  
[RULE 1146]
10. EMISSIONS OF NOX SHALL NOT EXCEED 40 PPM REFERENCED AT 3% O<sub>2</sub> ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES WHENEVER THIS EQUIPMENT IS FIRED WITH OIL.  
[RULE 1146]
11. EMISSIONS OF CO SHALL NOT EXCEED 400 PPM REFERENCED AT 3% O<sub>2</sub> ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.  
[RULE 1146]
12. THE BOILER SHALL BE FIRED ON NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT OR MAINTENANCE TESTING.  
[RULE 1146]
13. THE BURNER SHALL NOT FIRE ON LESS THAN 4476 SCF/HR OF NATURAL GAS DURING NORMAL OPERATION, NOT INCLUDING START-UPS AND SHUTDOWNS.  
[RULE 1146]
14. THE OPERATOR SHALL INSTALL A FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE GAS AND SHALL RECORD THE HOURLY GAS BEING FIRED IN THE BOILER. THE MEASURING DEVICE SHALL CONTINUOUSLY MEASURE THE FLOW RATE AND SHALL BE ACCURATE TO WITHIN PLUS OR MINUS 5 PERCENT AND SHALL BE CALIBRATED ONCE EVERY 12 MONTHS. CALIBRATION RECORDS AND HOURLY FLOW RECORDS SHALL BE KEPT ON SITE AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1146]
15. THIS BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE, TOTALIZING FUEL FLOW METER FOR EACH FUEL USED.  
[40 CFR 60.48c(g)(2)]
16. THE OPERATOR SHALL RECORD AND MAINTAIN THE AMOUNT OF ALL FUEL COMBUSTED DURING EACH CALENDER MONTH. THE FUEL USAGE RECORDS SHALL BE KEPT FOR A PERIOD OF FIVE YEARS AND ALL RECORDS SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[40 CFR 60.48c(g)(2)]
17. FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO. 2 OR A LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.05 PERCENT SULFUR BY WEIGHT IF PURCHASED PRIOR TO 6/1/04 AND LESS THAN 15 PPM SULFUR BY WEIGHT IF PURCHASED ON OR AFTER 6/1/04.  
[RULE 431.2, 40 CFR 60.42c(D)]

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

18. WHENEVER THE BOILER IS OPERATED ON FUEL OIL, MONTHLY CALENDAR AND CALENDAR YEAR , RECORDS SHALL BE MAINTAINED FOR THE BOILER AND SHALL INCLUDE THE FOLLOWING. (1) THE DATE. (2) THE REASON THE BOILER WAS OPERATED ON FUEL OIL. (3) THE HOURS OF OPERATION ON FUEL OIL. (4) AMOUNT OF FUEL OIL USED. ALL RECORDS SHALL BE, (1) RECORDED IN A MANNER WHICH HAS BEEN APPROVED IN WRITING BY THE EXECUTIVE OFFICER, (2) KEPT FOR AT LEAST FIVEYEARS, AND (3) MADE AVAILABLE TO SCAQMD PERSONNEL UPON REQUEST.  
[RULE 1146, 40 CFR 63.11237, 40 CFR 60.48c(g)(2)]
19. MATERIAL SAFETY DATA SHEETS (MSDS) FOR THE FUEL OIL PURCHASED IN THIS EQUIPMENT, THE MSDS SHALL INCLUDE THE MINIMUM INFORMATION, NAME OF OIL SUPPLIER, THE MAXIMUM SULFUR CONTENT OF THE FUEL OIL. THIS INFORMATION SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[40 CFR 60.48c(f) , 40 CFR 60.42c(h)(1)]
20. RETAIN ALL RECORDS REQUIRED BY PERMIT FOR A PERIOD OF FIVE YEARS AND MAKE ALL RECORDS AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1146]
21. THE OWNER OR OPERATOR OF THE EQUIPMENT SHALL CONDUCT A SOURCE TEST UNDER THE FOLLOWING CONDITIONS:
  - A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 30 DAYS AFTER ACHIEVING MAXIMUM PRODUCTION RATE AT WHICH THE EQUIPMENT WILL BE OPERATED, BUT NO LATER THAN 90 DAYS AFTER INITIAL START-UP.
  - B. THE SOURCE TEST SHALL BE DONE TO VERIFY COMPLIANCE PERMIT CONDITION NO. EIGHT AND TEN.
  - C. THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1.
  - D. THE TEST SHALL BE CONDUCTED FOR 15 MINUTES FOR EACH LOAD, WHILE FIRING AT MAXIMUM, MINIMUM AND LOW FIRING RATES.
  - E. TWO COMPLETE COPIES OF SOURCE TEST REPORTS (INCLUDE THE APPLICATION NUMBER AND A COPY OF THE PERMIT IN THE REPORT) SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, ATTN: ROY OLIVARES, P.O. BOX 4941, DIAMOND BAR, CA 91765). THE RESULTS IN WRITING SHALL BE SUBMITTED WITHIN 45 DAYS AFTER THE SOURCE TEST IS COMPLETED. IT SHALL INCLUDE, BUT NOT LIMITED TO EMISSIONS RATE IN POUNDS PER HOUR AND CONCENTRATION IN PPMV AT THE OUTLET OF THE BOILER.
  - F. 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 SAINT JOSEPH HOSPITAL

- G. SAMPLING FACILITIES SHALL COMPLY WITH THE AQMD "GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES", PURSUANT TO RULE 217. [RULE 1146]

### Periodic Monitoring:

22. 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 FUEL, TO BE COUNTED CUMULATIVELY OVER A FIVE YEAR PERIOD. THE INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE HOUR, THE OPERATOR SHALL EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN THE SAME FASHION AS DEVIATIONS ARE REQUIRED TO BE REPORTED IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

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

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

23. IF ANNUAL FUEL OIL USAGE EXCEEDS 2,000,000 GALLONS IN ANY ONE YEAR, THEN THE 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.

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.

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

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)]

24. UNITS WITH A HEAT INPUT GREATER THAN 10 MMBTU/HR AND ANNUAL OIL USAGE GREATER THAN 1,000,000 GALLONS OR GREATER THAN 336 HOURS OF OPERATION, BUT DOES NOT EXCEED 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:

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

CO: 2000 PPMV, RULE 407  
SOX: 500 PPMV FUEL OIL , RULE 407  
PM: 0.1 GR/SCF, RULE 409  
CO: 400 PPMV, RULE 1146  
NOX 40 PPMV, FUEL OIL, RULE 1146  
NOX 9 PPMV, NATURAL GAS, RULE 1146, ON OR AFTER JANUARY 1, 2013  
NOX: 30 PPMV, RULE 1146, UNTIL DECEMBER 31, 2012

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO CONSTRUCT

Permit No.  
A/N 517792

#### Equipment Description:

BOILER, NUMBER 2, BABCOCK & WILCOX, MODEL NO. FM , SERIES 2000, 500 HP, SERIAL NO. NB21618  
NATURAL GAS WITH FUEL OIL FIRED STANDBY FUEL, WITH ONE COMBUSTION LOW NOX BURNER,  
CLEAVER BROOKS, MODEL PF NPF NTD210GX-09S-3, RATED AT 18,800,000 BTU/HR, WITH A 15 H.P.  
COMBUSTION BLOWER, AND AN INDUCED FLUE GAS RECIRCULATION.

#### 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]
4. THE BOILER SHALL BE FIRED ON NATURAL GAS. FUEL OIL USE IS RESTRICTED TO PERIODS OF NATURAL GAS CURTAILMENT, NATURAL GAS SUPPLY EMERGENCIES, MAINTENANCE TESTING OR PERIODIC TESTING. PERIODIC TESTING OF FUEL OIL SHALL NOT EXCEED A COMBINED TOTAL OF 48 HOURS DURING ANY ONE CALENDAR YEAR.  
[RULE 1146, 40 CFR 63.11237]
4. THIS EQUIPMENT SHALL COMPLY WITH RULE 1146.  
[RULE 1146]
5. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146]
6. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH SOURCE TESTING REQUIREMENTS IN SUBDIVISION (d)(6)--COMPLIANCE DETERMINATION OF RULE 1146.  
[RULE 1146]
7. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH PERIODIC MONITORING REQUIREMENTS OF RULE 1146 (c)(8).  
[RULE 1146]
8. THIS BOILER SHALL EMIT NO MORE THAN 30 PPM FOR OXIDES OF NITROGEN (NOX) MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES WHEN FIRING ON NATURAL GAS.

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

[RULE 1146]

9. EFFECTIVE 1/1/2013 THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES WHEN FIRING ON NATURAL GAS.  
[RULE 1146]
10. EMISSIONS OF NOX SHALL NOT EXCEED 40 PPM REFERENCED AT 3% O<sub>2</sub> ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES WHENEVER THIS EQUIPMENT IS FIRED WITH OIL.  
[RULE 1146]
11. EMISSIONS OF CO SHALL NOT EXCEED 400 PPM REFERENCED AT 3% O<sub>2</sub> ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.  
[RULE 1146]
12. THE BOILER SHALL BE FIRED ON NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT OR MAINTENANCE TESTING.  
[RULE 1146]
13. THE BURNER SHALL NOT FIRE ON LESS THAN 4476 SCF/HR OF NATURAL GAS DURING NORMAL OPERATION, NOT INCLUDING START-UPS AND SHUTDOWNS.  
[RULE 1146]
14. THE OPERATOR SHALL INSTALL A FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE GAS AND SHALL RECORD THE HOURLY GAS BEING FIRED IN THE BOILER. THE MEASURING DEVICE SHALL CONTINUOUSLY MEASURE THE FLOW RATE AND SHALL BE ACCURATE TO WITHIN PLUS OR MINUS 5 PERCENT AND SHALL BE CALIBRATED ONCE EVERY 12 MONTHS. CALIBRATION RECORDS AND HOURLY FLOW RECORDS SHALL BE KEPT ON SITE AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
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[40 CFR 60.48c(g)(2)]
16. THE OPERATOR SHALL RECORD AND MAINTAIN THE AMOUNT OF ALL FUEL COMBUSTED DURING EACH CALENDER MONTH. THE FUEL USAGE RECORDS SHALL BE KEPT FOR A PERIOD OF FIVE YEARS AND ALL RECORDS SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[40 CFR 60.48c(g)(2)]
17. FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO. 2 OR A LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.05 PERCENT SULFUR BY WEIGHT IF PURCHASED PRIOR TO 6/1/04 AND LESS THAN 15 PPM SULFUR BY WEIGHT IF PURCHASED ON OR AFTER 6/1/04.  
[RULE 431.2, 40 CFR 60.42c(D)]

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

18. WHENEVER THE BOILER IS OPERATED ON FUEL OIL, MONTHLY CALENDAR AND CALENDAR YEAR, RECORDS SHALL BE MAINTAINED FOR THE BOILER AND SHALL INCLUDE THE FOLLOWING. (1) THE DATE. (2) THE REASON THE BOILER WAS OPERATED ON FUEL OIL. (3) THE HOURS OF OPERATION ON FUEL OIL. (4) AMOUNT OF FUEL OIL USED. ALL RECORDS SHALL BE, (1) RECORDED IN A MANNER WHICH HAS BEEN APPROVED IN WRITING BY THE EXECUTIVE OFFICER, (2) KEPT FOR AT LEAST FIVE YEARS, AND (3) MADE AVAILABLE TO SCAQMD PERSONNEL UPON REQUEST.  
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[40 CFR 60.48c(f), 40 CFR 60.42c(h)(1)]
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[RULE 1146]
21. THE OWNER OR OPERATOR OF THE EQUIPMENT SHALL CONDUCT A SOURCE TEST UNDER THE FOLLOWING CONDITIONS:
  - A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 30 DAYS AFTER ACHIEVING MAXIMUM PRODUCTION RATE AT WHICH THE EQUIPMENT WILL BE OPERATED, BUT NO LATER THAN 90 DAYS AFTER INITIAL START-UP.
  - B. THE SOURCE TEST SHALL BE DONE TO VERIFY COMPLIANCE PERMIT CONDITION NO. EIGHT AND TEN.
  - C. THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1.
  - D. THE TEST SHALL BE CONDUCTED FOR 15 MINUTES FOR EACH LOAD, WHILE FIRING AT MAXIMUM, MINIMUM AND LOW FIRING RATES.
  - E. TWO COMPLETE COPIES OF SOURCE TEST REPORTS (INCLUDE THE APPLICATION NUMBER AND A COPY OF THE PERMIT IN THE REPORT) SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, ATTN: ROY OLIVARES, P.O. BOX 4941, DIAMOND BAR, CA 91765). THE RESULTS IN WRITING SHALL BE SUBMITTED WITHIN 45 DAYS AFTER THE SOURCE TEST IS COMPLETED. IT SHALL INCLUDE, BUT NOT LIMITED TO EMISSIONS RATE IN POUNDS PER HOUR AND CONCENTRATION IN PPMV AT THE OUTLET OF THE BOILER.
  - F. 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 SAINT JOSEPH HOSPITAL

- G. SAMPLING FACILITIES SHALL COMPLY WITH THE AQMD "GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES", PURSUANT TO RULE 217.  
[RULE 1146]

### Periodic Monitoring:

22. 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 FUEL, TO BE COUNTED CUMULATIVELY OVER A FIVE YEAR PERIOD. THE INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE HOUR, THE OPERATOR SHALL EITHER:

- C. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN THE SAME FASHION AS DEVIATIONS ARE REQUIRED TO BE REPORTED IN SECTION K OF THIS PERMIT;  
OR  
D. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

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

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

- 23 IF ANNUAL FUEL OIL USAGE EXCEEDS 2,000,000 GALLONS IN ANY ONE YEAR, THEN THE 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.

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.

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

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

B. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.  
[RULE 3004 (a) (4)]

24. UNITS WITH A HEAT INPUT GREATER THAN 10 MMBTU/HR AND ANNUAL OIL USAGE GREATER THAN 1,000,000 GALLONS OR GREATER THAN 336 HOURS OF OPERATION, BUT DOES NOT EXCEED 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:

B. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.  
[RULE 3004 (a)(4)]

### Emissions And Requirements:

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

CO: 2000 PPMV, RULE 407  
SOX: 500 PPMV FUEL OIL , RULE 407  
PM: 0.1 GR/SCF, RULE 409  
CO: 400 PPMV, RULE 1146  
NOX 40 PPMV, FUEL OIL, RULE 1146  
NOX 9 PPMV, NATURAL GAS, RULE 1146, ON OR AFTER JANUARY 1, 2013  
NOX: 30 PPMV, RULE 1146, UNTIL DECEMBER 31, 2012

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO OPERATE

Permit No. F44235  
A/N 388825

#### Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. CATALYTIC OXIDIZER (ETO-ABATOR) #2, DONALDSON, SERIAL NUMBER IG028141, 3'-6" L X 2'-5" W X 2'-0" H, ELECTRICALLY HEATED WITH A 6.6 KW HEATER.
2. EXHAUST SYSTEM WITH A 3/4 HP BLOWER VENTING TWO ETHYLENE OXIDE STERILIZERS.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITIONS AT ALL TIMES.  
[RULE 204]
3. ONLY ONE STERILIZER SHALL BE VENTED TO THE CATALYTIC OXIDIZER (EO-ABATOR) AT ANY ONE TIME.  
[RULE 1303 (a)-BACT, RULE 1405]
4. A TEMPERATURE MEASUREMENT DEVICE WITH AN ACCURACY OF PLUS OR MINUS 20 DEGREES FAHRENHEIT SHALL BE INSTALLED AND MAINTAINED AT THE EXHAUST OF THE CATALYST BED  
[RULE 1303 (a)-BACT, RULE 1405]
5. THE TEMPERATURE OF THE EXHAUST FROM THE CATALYST BED SHALL BE MAINTAINED BETWEEN 280 AND 500 DEGREES FAHRENHEIT, AS INDICATED BY A PROPER TEMPERATURE GAUGE OR RECORDER, WHEN ETHYLENE OXIDE STERILIZER IT SERVES IS IN OPERATION.  
[RULE 1303 (a)-BACT, RULE 1405]
6. THIS EQUIPMENT SHALL BE SUBJECT TO ANNUAL SOURCE TEST AS PER RULE 1405 (D) (6).  
[RULE 1405]
7. RECORDS SHALL BE MAINTAINED TO SHOW COMPLIANCE WITH CONDITION 4 IN A FORMAT APPROVED TO THE DISTRICT. THE RECORDS SHALL BE KEPT FOR AT LEAST TWO YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303 (b)(2)-OFFSETS, RULE 1405]

#### Emissions And Requirements:

**FACILITY PERMIT TO OPERATE  
SAINT JOSEPH HOSPITAL**

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

ETHYLENE OXIDE: RULE 1405  
ETHYLENE OXIDE: 40 CFR Part 63 Subpart WWWW

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO OPERATE

Permit No. F63503  
A/N 419700

#### Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. CATALYTIC OXIDIZER (ETO-ABATOR) #1, DONALDSON, SERIAL NUMBER IG056474, 3'-6" L X 2'-5" W X 2'-0" H, ELECTRICALLY HEATED WITH A 6.6 KW HEATER.
2. EXHAUST SYSTEM WITH A 3/4 HP BLOWER VENTING TWO ETHYLENE OXIDE STERILIZERS.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITIONS AT ALL TIMES.  
[RULE 204]
3. ONLY ONE STERILIZER SHALL BE VENTED TO THE CATALYTIC OXIDIZER (EO-ABATOR) AT ANY ONE TIME.  
[RULE 1303 (a)-BACT, RULE 1405]
4. A TEMPERATURE MEASUREMENT DEVICE WITH AN ACCURACY OF PLUS OR MINUS 20 DEGREES FAHRENHEIT SHALL BE INSTALLED AND MAINTAINED AT THE EXHAUST OF THE CATALYST BED  
[RULE 1303 (a)-BACT, RULE 1405]
5. THE TEMPERATURE OF THE EXHAUST FROM THE CATALYST BED SHALL BE MAINTAINED BETWEEN 280 AND 550 DEGREES FAHRENHEIT, AS INDICATED BY A PROPER TEMPERATURE GAUGE OR RECORDER, WHEN ETHYLENE OXIDE STERILIZER IT SERVES IS IN OPERATION.  
[RULE 1303 (a)-BACT, RULE 1405]
6. THIS EQUIPMENT SHALL BE SUBJECT TO ANNUAL SOURCE TEST AS PER RULE 1405 (D) (6).  
[RULE 1405]
7. RECORDS SHALL BE MAINTAINED TO SHOW COMPLIANCE WITH CONDITION 4 IN A FORMAT APPROVED TO THE DISTRICT. THE RECORDS SHALL BE KEPT FOR AT LEAST TWO YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303 (b)(2)-OFFSETS, RULE 1405]

#### Emissions And Requirements:

**FACILITY PERMIT TO OPERATE  
SAINT JOSEPH HOSPITAL**

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

ETHYLENE OXIDE: RULE 1405  
ETHYLENE OXIDE: 40 CFR Part 63 Subpart WWWW

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO OPERATE

Permit No. F63502  
A/N 419699

#### Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. CATALYTIC OXIDIZER (ETO-ABATOR) #3, DONALDSON, SERIAL NUMBER IG031013, 2'-1" W X 2'-6" L X 4'-4" H, ELECTRICALLY HEATED WITH A 10 KW HEATER.
2. EXHAUST SYSTEM WITH A 3/4 HP BLOWER VENTING TWO AERATORS.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITIONS AT ALL TIMES.  
[RULE 204]
3. ONLY ONE AERATOR SHALL BE VENTED TO THE CATALYTIC OXIDIZER (EO-ABATOR) AT ANY ONE TIME.  
[RULE 1303 (a)-BACT, RULE 1405]
4. A TEMPERATURE MEASUREMENT DEVICE WITH AN ACCURACY OF PLUS OR MINUS 20 DEGREES FAHRENHEIT SHALL BE INSTALLED AND MAINTAINED AT THE EXHAUST OF THE CATALYST BED  
[RULE 1303 (a)-BACT, RULE 1405]
5. THE TEMPERATURE OF THE EXHAUST FROM THE CATALYST BED SHALL BE MAINTAINED BETWEEN 280 AND 500 DEGREES FAHRENHEIT, AS INDICATED BY A PROPER TEMPERATURE GAUGE OR RECORDER, WHEN ETHYLENE OXIDE AERATOR IT SERVES IS IN OPERATION.  
[RULE 1303 (a)-BACT, RULE 1405]
6. THIS EQUIPMENT SHALL BE SUBJECT TO ANNUAL SOURCE TEST AS PER RULE 1405 (D) (6).  
[RULE 1405]
7. RECORDS SHALL BE MAINTAINED TO SHOW COMPLIANCE WITH CONDITION 4 IN A FORMAT APPROVED TO THE DISTRICT. THE RECORDS SHALL BE KEPT FOR AT LEAST TWO YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303 (b)(2)-OFFSETS, RULE 1405]

#### Emissions And Requirements:

**FACILITY PERMIT TO OPERATE  
SAINT JOSEPH HOSPITAL**

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

ETHYLENE OXIDE: RULE 1405  
ETHYLENE OXIDE: 40 CFR Part 63 Subpart WWWW

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO OPERATE

Permit No. D70000  
A/N 259397

#### Equipment Description:

ETHYLENE OXIDE STERILIZER, NO. 1, 3M, MODEL STERI-VAC 5XL, SERIAL NO. 701034, 1'-5" W. X 2'-8" L. X 1'-3" H. , WITH A 1.2 KW HEATER.

#### 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 EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO CONSTRUCT BY THE EXECUTIVE OFFICER.  
[RULE 1303 (a)(1)-BACT, RULE 1405]
4. THE TOTAL QUANTITY OF ETHYLENE OXIDE USED IN THIS EQUIPMENT SHALL NOT EXCEED 1.1 POUNDS IN ANY ONE DAY OR 33 POUNDS IN ANY CALENDAR MONTH.  
[RULE 1303 (b)(2)-OFFSETS, RULE 1405, RULE 1401]
5. THIS EQUIPMENT SHALL BE LEAK CHECK PER DISTRICT RULE 1405 (D)(5).  
[RULE 1405]
6. RECORD SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NO. 4. THE RECORD SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[RULE 1303 (b)(2)-OFFSETS, RULE 1405, RULE 1401].

#### Emissions And Requirements:

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

ETHYLENE OXIDE: RULE 1405  
ETHYLENE OXIDE: 40 CFR Part 63 Subpart WWWW

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO OPERATE

Permit No. D70004  
A/N 259396

#### Equipment Description:

ETHYLENE OXIDE STERILIZER, NO. 2, 3M, MODEL STERI-VAC 5XL, SERIAL NO. 701032, 1'-5" W. X 2'-8" L. X 1'-3" H. , WITH A 1.2 KW HEATER.

#### 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 EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO CONSTRUCT BY THE EXECUTIVE OFFICER.  
[RULE 1303 (a)(1)-BACT, RULE 1405]
4. THE TOTAL QUANTITY OF ETHYLENE OXIDE USED IN THIS EQUIPMENT SHALL NOT EXCEED 1.1 POUNDS IN ANY ONE DAY OR 33 POUNDS IN ANY CALENDAR MONTH.  
[RULE 1303 (b)(2)-OFFSETS, RULE 1405, RULE 1401]
5. THIS EQUIPMENT SHALL BE LEAK CHECK PER DISTRICT RULE 1405 (D)(5).  
[RULE 1405]
6. RECORD SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NO. 4. THE RECORD SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[RULE 1303 (b)(2)-OFFSETS, RULE 1405, RULE 1401].

#### Emissions And Requirements:

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

ETHYLENE OXIDE: RULE 1405  
ETHYLENE OXIDE: 40 CFR Part 63 Subpart WWWW

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO OPERATE

Permit No. D70006  
A/N 259395

#### Equipment Description:

ETHYLENE OXIDE STERILIZER, NO. 3, 3M, MODEL STERI-VAC 5XL, SERIAL NO. 701033, 1'-5" W. X 2'-8" L. X 1'-3" H. , WITH A 1.2 KW HEATER.

#### 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 EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO CONSTRUCT BY THE EXECUTIVE OFFICER.  
[RULE 1303 (a)(1)-BACT, RULE 1405]
4. THE TOTAL QUANTITY OF ETHYLENE OXIDE USED IN THIS EQUIPMENT SHALL NOT EXCEED 1.1 POUNDS IN ANY ONE DAY OR 33 POUNDS IN ANY CALENDAR MONTH.  
[RULE 1303 (b)(2)-OFFSETS, RULE 1405, RULE 1401]
5. THIS EQUIPMENT SHALL BE LEAK CHECK PER DISTRICT RULE 1405 (D)(5).  
[RULE 1405]
6. RECORD SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NO. 4. THE RECORD SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[RULE 1303 (b)(2)-OFFSETS, RULE 1405, RULE 1401].

#### Emissions And Requirements:

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

ETHYLENE OXIDE:     RULE 1405  
ETHYLENE OXIDE:     40 CFR Part 63 Subpart WWWW

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO OPERATE

Permit No. F44234  
A/N 388719

#### Equipment Description:

ETHYLENE OXIDE STERILIZER, NO. 4, 3M, MODEL STERI-VAC 5XL, SERIAL NO. 701360, 1'-5" W. X 2'-8" L. X 1'-3" H. , WITH A 1.2 KW HEATER.

#### 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 EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO CONSTRUCT BY THE EXECUTIVE OFFICER.  
[RULE 1303 (a)(1)-BACT, RULE 1405]
4. THE TOTAL QUANTITY OF ETHYLENE OXIDE USED IN THIS EQUIPMENT SHALL NOT EXCEED 1.1 POUNDS IN ANY ONE DAY.  
[RULE 1303 (b)(2)-OFFSETS, RULE 1405, RULE 1401]
5. THIS EQUIPMENT SHALL COMPLY WITH RULE 1405.  
[RULE 1405]
6. RECORD SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NO. 4. THE RECORD SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[RULE 1303 (b)(2)-OFFSETS, RULE 1405, RULE 1401].

#### Emissions And Requirements:

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

ETHYLENE OXIDE: 40 CFR Part 63 Subpart WWWW  
ETHYLENE OXIDE: RULE 1405

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO OPERATE

Permit No. F57833  
A/N 409995

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL 3512 DITA, DIESEL FUEL, 12 CYLINDERS, TURBOCHARGED AND AFTERCOOLED, RATED AT 1818 B.H.P, DRIVING AN EMERGENCY ELECTRICAL STAND-BY 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 OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304 (a)(4), RULE 1110.2]
4. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.  
[RULE 431.2, RULE 1470]
5. THIS ENGINE SHALL NOT OPERATE 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 1304 (a)(4), RULE 1110.2, RULE 1470, 40 CFR 63.6640 (f)]
6. THE OPERATION OF THE ENGINE BEYOND 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)-BACT, RULE 1470]
7. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1470]

8. 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 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 THREE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND 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 1303 (a)-BACT, RULE 1110.2, RULE 1470]

- 9 THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS

CHANGE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625 (J))

INSPECT SPARK PLUGS EVERY 1000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 cfr 63.6655(A) AND (E). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST  
[Rule 40 CFR Part 63 Subpart ZZZZ]

- 10 THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS

PER 40 CFR 63.6625 (E) AND 63.6640 (A), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RIC AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS  
[Rule 40 CFR Part 63 Subpart ZZZZ]

### 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

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO OPERATE

Permit No. F56238  
A/N 408556

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL 3512 DITA, SERIAL NO. 24Z05610, DIESEL FUEL, TURBOCHARGED AND AFTERCOOLED, RATED AT 1818 B.H.P, DRIVING AN EMERGENCY ELECTRICAL STAND-BY 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 OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304 (a)(4), RULE 1110.2]
4. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.  
[RULE 431.2, RULE 1470]
5. THIS ENGINE SHALL NOT OPERATE 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 1304 (a)(4), RULE 1110.2, RULE 1470, 40 CFR 63.6640 (f)]
6. THE OPERATION OF THE ENGINE BEYOND 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)-BACT, RULE 1470]
7. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1470]

8. 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 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 THREE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND 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 1303 (a)-BACT, RULE 1110.2, RULE 1470]
  
9. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS  
  
CHANGE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625 (J))  
  
INSPECT SPARK PLUGS EVERY 1000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST  
  
INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY  
  
RECORDS SHALL BE MAINTAINED ACCORDING TO 40 cfr 63.6655(A) AND (E). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST  
[Rule 40 CFR Part 63 Subpart ZZZZ]
  
10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS  
  
PER 40 CFR 63.6625 (E) AND 63.6640 (A), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RIC AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS  
[Rule 40 CFR Part 63 Subpart ZZZZ]

### **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

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO OPERATE

Permit No. F86264  
A/N 442496

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL 3516B DITA, SERIAL NO. GZS00138, DIESEL FUEL, TURBOCHARGED AND AFTERCOOLED, RATED AT 2881 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 SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.  
[RULE 431.2, RULE 1470]
4. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304 (a)(4), RULE 1110.2]
5. THIS ENGINE SHALL NOT BE OPERATED FOR NON-EMERGENCY PURPOSES BETWEEN THE HOURS OF 7:30 A.M. TO 3:30 P.M. ON DAYS WHEN SCHOOL IS IN SESSION.  
[RULE 1470]
6. THIS ENGINE SHALL BE OPERATED TO A MAXIMUM OF 200 HOURS PER CALENDAR YEAR WHICH INCLUDES A MAXIMUM OF 50 HOURS PER YEAR FOR REGULAR MAINTENANCE AND TESTING  
[RULE 1304 (a)(4), RULE 1110.2, RULE 1303 (a)-BACT, RULE 1470, 40 CFR 63.6640 (f) ]
7. THE OPERATION OF THE ENGINE BEYOND 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

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.

[RULE 1303 (a)-BACT, RULE 1470]

8. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.  
[RULE 1470, RULE 1303 (a)-BACT]
9. 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 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 THREE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND 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 1303 (a)-BACT, RULE 1110.2, RULE 1470]
10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS
- CHANGE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625 (J))
- INSPECT SPARK PLUGS EVERY 1000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST
- INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY
- RECORDS SHALL BE MAINTAINED ACCORDING TO 40 cfr 63.6655(A) AND (E). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST  
[Rule 40 CFR Part 63 Subpart ZZZZ]
11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS
- PER 40 CFR 63.6625 (E) AND 63.6640 (A), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RIC AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS  
[Rule 40 CFR Part 63 Subpart ZZZZ]

## **FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL**

### **Emissions And Requirements:**

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO OPERATE

Permit No. F86265  
A/N 442497

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL 3516B DITA, SERIAL NO. GZS00136 DIESEL FUEL, TURBOCHARGED AND AFTERCOOLED , RATED AT 2881 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 SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.  
[RULE 431.2, RULE 1470]
4. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304 (a)(4), RULE 1110.2]
5. THIS ENGINE SHALL NOT BE OPERATED FOR NON-EMERGENCY PURPOSES BETWEEN THE HOURS OF 7:30 A.M. TO 3:30 P.M. ON DAYS WHEN SCHOOL IS IN SESSION.  
[RULE 1470]
6. THIS ENGINE SHALL BE OPERATED TO A MAXIMUM OF 200 HOURS PER CALENDAR YEAR WHICH INCLUDES A MAXIMUM OF 50 HOURS PER YEAR FOR REGULAR MAINTENANCE AND TESTING  
[RULE 1304 (a)(4), RULE 1110.2, RULE 1303 (a)-BACT, RULE 1470, 40 CFR 63.6640 (f)]
7. THE OPERATION OF THE ENGINE BEYOND 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

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.

[RULE 1303 (a)-BACT, RULE 1470]

8. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.

9. [RULE 1470, RULE 1303 (a)-BACT]

10. 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 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 THREE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND 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 1303 (a)-BACT, RULE 1110.2, RULE 1470]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS

CHANGE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625 (J))

INSPECT SPARK PLUGS EVERY 1000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 cfr 63.6655(A) AND (E). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST  
[Rule 40 CFR Part 63 Subpart ZZZZ]

12. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS

PER 40 CFR 63.6625 (E) AND 63.6640 (A), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RIC AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS

[Rule 40 CFR Part 63 Subpart ZZZZ]

## **FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL**

### **Emissions And Requirements:**

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO OPERATE

Permit No. G10521  
A/N 510550

#### Equipment Description:

BOILER, NO. 1, CLEAVER BROOKS, FIRE TUBE TYPE, MODEL NO. CBLE200-600-150#ST, SERIAL NO. OL104127, NATURAL GAS, WITH FUEL OIL STAND-BY, WITH ONE COMBUSTION ULTRA LOW NOX BURNER AT 25,100,000 BTU/HR, WITH FLUE GAS RECIRCULATION

#### 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 EQUIPMENT SHALL COMPLY WITH RULE 1146.  
[RULE 1146]
4. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL OPERATION AND KEPT IN FULL OPERATION WHENEVER THE BOILER IS IN OPERATION  
[RULE 1146]
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 1303 (a)-BACT]
6. FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO. 2 OR A LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.05 PERCENT SULFUR BY WEIGHT IF PURCHASED PRIOR TO 6/1/04 AND LESS THAN 15 PPM SULFUR BY WEIGHT IF PURCHASED ON OR AFTER 6/1/04.  
[RULE 431.2, 40 CFR 60.42c(D)]
7. THE BOILER SHALL BE FIRED ON NATURAL GAS NATURAL. FUEL OIL USE IS RESTRICTED TO PERIODS OF NATURAL GAS CURTAILMENT, NATURAL GAS SUPPLY EMERGENCIES, MAINTENANCE TESTING OR PERIODIC TESTING. PERIODIC TESTING OF FUEL OIL SHALL NOT EXCEED A COMBINED TOTAL OF 48 HOURS DURING ANY ONE CALENDAR YEAR.  
[RULE 1303 (a)-BACT , RULE 1146, 40 CFR 63.11237]

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

8. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH SOURCE TESTING REQUIREMENTS IN SUBDIVISION (d)(6)--COMPLIANCE DETERMINATION OF RULE 1146.  
[RULE 1146]
9. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH PERIODIC MONITORING REQUIREMENTS OF RULE 1146 (c)(8).  
[RULE 1146]
10. THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO<sub>2</sub>, AND 50 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN WHEN FIRING ON NATURAL GAS.  
[RULE 1303 (a)-BACT]
11. THIS BOILER SHALL EMIT NO MORE THAN 40 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO<sub>2</sub>, MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN WHEN FIRING ON AMBER 363.  
[RULE 1303 (a)-BACT, RULE 1146]
12. 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. THE CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST ONCE A YEAR ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.  
[RULE 1303 (a)-BACT]
13. THIS BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE, TOTALIZING FUEL FLOW METER  
[40 CFR 60.48c(g)(2)]
14. THE OPERATOR SHALL RECORD AND MAINTAIN THE AMOUNT OF ALL FUEL COMBUSTED DURING EACH CALENDER MONTH. THE FUEL USAGE RECORDS SHALL BE KEPT FOR A PERIOD OF FIVE YEARS AND ALL RECORDS SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[40 CFR 60.48c(g)(2)]
15. WHENEVER THE BOILER IS OPERATED ON FUEL OIL, MONTHY CALENDAR AND CALENDAR YEAR , RECORDS SHALL BE MAINTAINED FOR THE BOILER AND SHALL INCLUDE THE FOLLOWING. (1) THE DATE. (2) THE REASON THE BOILER WAS OPERATED ON FUEL OIL. (3) THE HOURS OF OPERATION ON FUEL OIL. (4) AMOUNT OF FUEL OIL USED. ALL RECORDS SHALL BE, (1) RECORDED IN A MANNER WHICH HAS BEEN APPROVED IN WRITING BY THE EXECUTIVE OFFICER, (2) KEPT FOR AT LEAST FIVEYEARS, AND (3) MADE AVAILABLE TO SCAQMD PERSONNEL UPON REQUEST.  
[RULE 1146, 40 CFR 63.11237, 40 CFR 60.48c(g)(2)]
16. MATERIAL SAFETY DATA SHEETS (MSDS) FOR THE FUEL OIL PURCHASED IN THIS EQUIPMENT, THE MSDS SHALL INCLUDE THE MINIMUM INFORMATION, NAME OF OIL SUPPLIER, THE MAXIMUM SULFUR CONTENT OF THE FUEL OIL. THIS INFORMATION SHALL BE KEPT CURRENT

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[40 CFR 60.48c(f) , 40 CFR 60.42c(h)(1)

### Periodic Monitoring:

16. 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 FUEL, TO BE COUNTED CUMULATIVELY OVER A FIVE YEAR PERIOD. THE INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE HOUR, THE OPERATOR SHALL EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN THE SAME FASHION AS DEVIATIONS ARE REQUIRED TO BE REPORTED IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

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

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

17. FOR UNITS WITH A HEAT INPUT GREATER THAN 10 MMBTU/HR AND ANNUAL OIL USAGE GREATER THAN 1,000,000 GALLONS OR GREATER THAN 336 HOURS OF OPERATION, BUT DOES NOT EXCEED 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:

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

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

CO: 2000 PPMV, RULE 407  
SOX: 500 PPMV, RULE 407  
PM: 0.1 GR/SCF, RULE 409  
CO: 400 PPMV, RULE 1146  
NOX 30 PPMV, RULE 1146, NATURAL GAS FIRED, SIP APPROVED  
NOX 9 PPMV, RULE 1146, NATURAL GAS FIRED, NON-SIP APPROVED.  
NOX: 40 PPMV, RULE 1146, FUEL OIL FIRED, SIP APPROVED

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### PERMIT TO OPERATE

Permit No.G10522  
A/N 510551

#### Equipment Description:

BOILER, NO. 2,CLEAVER BROOKS, FIRETUBE TYPE, MODEL NO.CBLE200-600-150#ST, SERIAL NO. OL104126, NATURAL GAS, WITH FUEL OIL STAND-BY, WITH ONE COMBUSTION ULTRA LOW NOX BURNER AT 25,100,000 BTU/HR, WITH FLUE GAS RECIRCULATION

#### 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 EQUIPMENT SHALL COMPLY WITH RULE 1146.  
[RULE 1146]
4. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL OPERATION AND KEPT IN FULL OPERATION WHENEVER THE BOILER IS IN OPERATION  
[RULE 1146]
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 1303 (a)-BACT]
6. FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO. 2 OR A LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.05 PERCENT SULFUR BY WEIGHT IF PURCHASED PRIOR TO 6/1/04 AND LESS THAN 15 PPM SULFUR BY WEIGHT IF PURCHASED ON OR AFTER 6/1/04.  
[RULE 431.2, 40 CFR 60.42c(D)]
7. THE BOILER SHALL BE FIRED ON NATURAL GAS. NATURAL GAS FUEL OIL USE IS RESTRICTED TO PERIODS OF NATURAL GAS CURTAILMENT, NATURAL GAS SUPPLY EMERGENCIES, MAINTENANCE TESTING OR PERIODIC TESTING. PERIODIC TESTING OF FUEL OIL SHALL NOT EXCEED A COMBINED TOTAL OF 48 HOURS DURING ANY ONE CALENDAR YEAR.  
[RULE 1303 (a)-BACT , RULE 1146, 40 CFR 63.11237]

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

8. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH SOURCE TESTING REQUIREMENTS IN SUBDIVISION (d)(6)--COMPLIANCE DETERMINATION OF RULE 1146.  
[RULE 1146]
9. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH PERIODIC MONITORING REQUIREMENTS OF RULE 1146 (c)(8).  
[RULE 1146]
10. THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO<sub>2</sub>, AND 50 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN WHEN FIRING ON NATURAL GAS.  
[RULE 1303 (a)-BACT]
11. THIS BOILER SHALL EMIT NO MORE THAN 40 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO<sub>2</sub>, MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN WHEN FIRING ON AMBER 363.  
[RULE 1303 (a)-BACT, RULE 1146]
12. 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. THE CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST ONCE A YEAR ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.  
[RULE 1303 (a)-BACT]
13. THIS BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE, TOTALIZING FUEL FLOW METER FOR EACH FUEL USED.  
[40 CFR 60.48c(g)(2)]
14. THE OPERATOR SHALL RECORD AND MAINTAIN THE AMOUNT OF ALL FUEL COMBUSTED DURING EACH CALENDER MONTH. THE FUEL USAGE RECORDS SHALL BE KEPT FOR A PERIOD OF FIVE YEARS AND ALL RECORDS SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[40 CFR 60.48c(g)(2)]
15. WHENEVER THE BOILER IS OPERATED ON FUEL OIL, MONTHY CALENDAR AND CALENDAR YEAR , RECORDS SHALL BE MAINTAINED FOR THE BOILER AND SHALL INCLUDE THE FOLLOWING. (1) THE DATE. (2) THE REASON THE BOILER WAS OPERATED ON FUEL OIL. (3) THE HOURS OF OPERATION ON FUEL OIL. (4) AMOUNT OF FUEL OIL USED. ALL RECORDS SHALL BE, (1) RECORDED IN A MANNER WHICH HAS BEEN APPROVED IN WRITING BY THE EXECUTIVE OFFICER, (2) KEPT FOR AT LEAST FIVEYEARS, AND (3) MADE AVAILABLE TO SCAQMD PERSONNEL UPON REQUEST.  
[RULE 1146, 40 CFR 63.11237, 40 CFR 60.48c(g)(2)]
16. MATERIAL SAFETY DATA SHEETS (MSDS) FOR THE FUEL OIL PURCHASED IN THIS EQUIPMENT, THE MSDS SHALL INCLUDE THE MINIMUM INFORMATION, NAME OF OIL SUPPLIER, THE MAXIMUM SULFUR CONTENT OF THE FUEL OIL. THIS INFORMATION SHALL BE KEPT CURRENT

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[40 CFR 60.48c(f) , 40 CFR 60.42c(h)(1)]

### Periodic Monitoring:

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

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

- A. STACK OR EMISSION POINT IDENTIFICATION;
  - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
  - C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
  - D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]
18. FOR UNITS WITH A HEAT INPUT GREATER THAN 10 MMBTU/HR AND ANNUAL OIL USAGE GREATER THAN 1,000,000 GALLONS OR GREATER THAN 336 HOURS OF OPERATION, BUT DOES NOT EXCEED 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:

## **FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL**

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

CO: 2000 PPMV, RULE 407  
SOX: 500 PPMV, RULE 407  
PM: 0.1 GR/SCF, RULE 409  
CO: 400 PPMV, RULE 1146  
NOX 30 PPMV, RULE 1146, NATURAL GAS FIRED, SIP APPROVED  
NOX 9 PPMV, RULE 1146, NATURAL GAS FIRED, NON-SIP APPROVED.  
NOX: 40 PPMV, RULE 1146, FUEL OIL FIRED, SIP APPROVED

## FACILITY PERMIT TO OPERATE SAINT JOSEPH 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 SAINT JOSEPH HOSPITAL

### SECTION E: ADMINISTRATIVE CONDITIONS

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

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

## **FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL**

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

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least five years. [204]
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
  - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134]
  - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
  - c. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
  - d. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO<sub>2</sub>) and be averaged over 15 consecutive minutes; [407]
  - e. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO<sub>2</sub>) at standard conditions and averaged over a minimum of 15 consecutive minutes. [409]

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### SECTION E: ADMINISTRATIVE CONDITIONS

- f. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O<sub>2</sub>) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
  - a. Brief description of the equipment tested.
  - b. Brief process description, including maximum and normal operating temperatures, pressures, throughput, etc.
  - c. Operating conditions under which the test will be performed.
  - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
  - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
  - f. Description of calibration and quality assurance procedures.
  - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (conflict of interest).
9. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD rules or equipment-specific conditions. The report shall contain the following information: [204]
  - a. The results of the source test.

## **FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL**

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

- b. Brief description of the equipment tested.
  - c. Operating conditions under which the test was performed.
  - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
  - e. Field and laboratory data forms, strip charts and analyses.
  - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
10. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]
  11. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]

**FACILITY PERMIT TO OPERATE  
SAINT JOSEPH HOSPITAL**

**SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS**

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE  
SAINT JOSEPH HOSPITAL**

**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR  
RECLAIM SOURCES**

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE  
SAINT JOSEPH HOSPITAL**

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

NONE

## **FACILITY PERMIT TO OPERATE SAINT JOSEPH 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:

Application	Rule
510615	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  
SAINT JOSEPH HOSIPTAL**



**South Coast  
Air Quality Management District**

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

October 8, 2010

A/N 510615  
Facility ID No. 13920

Saint Joseph Hospital  
1100 West Stewart Drive  
Orange, CA 92868

Equipment Location Address: Same as Above

Attention: Mr. Kirk Brantleg  
Director Plant Services

Dear Mr. Brantleg:

The South Coast Air Quality Management District (SCAQMD) has reviewed your plan application for Rule 1146 Compliance (Application No. 510615) submitted on (5/7/2010). The compliance plan is approved based on the information in your submittal that indicated how the boilers will achieve compliance with Rule 1146, indicated by the codes selected for each of the boilers.

To comply with these rule requirements, any boiler modifications such as replacement of existing burner, installation of flue gas recirculation system, or installation of new boiler should only be done after the application (s) submitted for the modifications, etc., has been approved in writing by AQMD.

If you have any questions, please contact Roy Olivares at (909) 396-2208.

Very Truly Yours,

A handwritten signature in black ink, appearing to read 'Andrew Lee', is written over the typed name.

Andrew Lee, P.E.  
AQAC Supervisor

AYL:ABS:RDO  
Attachment

**FACILITY PERMIT TO OPERATE  
SAINT JOSEPH HOSPITAL**

**SECTION J: AIR TOXICS**

NOT APPLICABLE

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### SECTION K: TITLE V Administration

#### GENERAL PROVISIONS

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

#### Permit Renewal and Expiration

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

#### Duty to Provide Information

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

#### Payment of Fees

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

## **FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL**

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

#### **Reopening for Cause**

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
- (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.
  - (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
  - (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

#### **COMPLIANCE PROVISIONS**

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

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### SECTION K: TITLE V Administration

9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
  - (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
  - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
  - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
  - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]
  
10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]
  
11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
  
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
  
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### SECTION K: TITLE V Administration

14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
- (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
  - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
  - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
  - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
  - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
  - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### SECTION K: TITLE V Administration EMERGENCY PROVISIONS

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

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

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### SECTION K: TITLE V Administration RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:

- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
- (B) The date(s) analyses were performed;
- (C) The company or entity that performed the analyses;
- (D) The analytical techniques or methods used;
- (E) The results of such analyses; and
- (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]

20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]

21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

### REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:

- (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.

## FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL

### SECTION K: TITLE V Administration

- (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.
  - (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
  - (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;

## **FACILITY PERMIT TO OPERATE SAINT JOSEPH HOSPITAL**

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

- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn:  
Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

### **PERIODIC MONITORING**

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

## FACILITY PERMIT TO OPERATE SAINT JOSEPH 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 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 1171	11-7-2003	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1401	12-7-1990	Non federally enforceable
RULE 1405	1-4-1991	Non federally enforceable
RULE 1415	12-3-2010	Non federally enforceable
RULE 1470	5-4-2012	Non federally enforceable
RULE 1472	3-7-2008	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 63Subpart IIII	4-24-2007	Federally enforceable
40CFR 60 Subpart Dc	2-27-2006	Federally enforceable
40CFR 63 Subpart ZZZZ	1-18-2008	Federally enforceable

**FACILITY PERMIT TO OPERATE  
SAINT JOSEPH HOSPITAL**

**SECTION K: TITLE V Administration**

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
40CFR 63Subpart WWWW	12-28-2007	Federally enforceable

**FACILITY PERMIT TO OPERATE  
SAINT JOSEPH HOSPITAL**

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

NONE

## FACILITY PERMIT TO OPERATE SAINT JOSEPH 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				100		
Graphic Arts (Sign) Coatings	500						50

## FACILITY PERMIT TO OPERATE SAINT JOSEPH 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 Vehieles	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 SAINT JOSEPH 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 SAINT JOSEPH 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 SAINT JOSEPH 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 SAINT JOSEPH 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 SAINT JOSEPH 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  
 SAINT JOSEPH 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  
 SAINT JOSEPH 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 SAINT JOSEPH 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:

	<b>CURRENT LIMITS*</b>	<b>EFFECTIVE 1/1/2010</b>
<b>SOLVENT CLEANING ACTIVITY</b>	<b>VOC g/l (lb/gal)</b>	<b>VOC g/l (lb/gal)</b>
(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 SAINT JOSEPH 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)
(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  
 SAINT JOSEPH 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>
(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 SAINT JOSEPH 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 SAINT JOSEPH 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 SAINT JOSEPH 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		
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

## Title V Permit Summary

AQMD Facility ID:	13920	Company Name:	ST. JOSEPH HOSPITAL	
Equipment Location:	1100 WEST STEWART DRIVE, ORANGE, CA 92868		SIC Code:	622110
Permit Revision #:	Revision Date:	Facility Permit Section(s) Affected: ALL		
Application #(s):	535932		Application Submittal Date(s):	04/11/2012
AQMD Contact Person:	ROY OLIVARES	Phone #:	(909) 396-2208	E-Mail Address: rolivares@aqmd.gov
Project Description: This is an existing facility applying for a Title V renewal. The facility provides hospital care and other medical services to its military veterans. This facility is operating 4 diesel fueled ICEs driving emergency electrical generators, 4 natural gas fueled boilers with fuel oil stand-by fuel and 4 ETO sterilizers with associated control.				
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		<input type="checkbox"/> No TACs Reported <input checked="" type="checkbox"/> The Following TACs Were Reported: Emissions (lbs/yr): See attachment A		
Health Risk From Toxic Air Contaminants:		<input type="checkbox"/> Health Risk Assessment Required for this Permit Action (AQMD Rule 1401) <input type="checkbox"/> Health Risk Reduction Plan Approved (AQMD Rule 1402) (Year): _____ <input checked="" type="checkbox"/> Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588) <input type="checkbox"/> Facility Determined to be Exempt from AB2588 Requirements <input checked="" type="checkbox"/> AQMD is Tracking Status of Facility under AB2588 <input type="checkbox"/> Health Risk Assessment Submittal Pending <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		<input checked="" type="checkbox"/> NOx 5.978 <input checked="" type="checkbox"/> PM 0.748 <input checked="" type="checkbox"/> CO 7.127 <input checked="" type="checkbox"/> SOx 0.078 <input checked="" type="checkbox"/> VOC 8.329		
Annual Reported Emissions (tons/year) for Reporting Year: 2011				
Compliance History: <input type="checkbox"/> Citizen Complaints Filed in Last Two Calendar Years (0) <input checked="" type="checkbox"/> Notices to Comply Issued in Last Two Calendar Years (1) <input checked="" type="checkbox"/> Notices of Violation Issued in Last Two Calendar Years (2)				
Comments:				

ATTACHMENT A

**Toxic Air Contaminants Emissions (TAC)  
Annual Reported Emissions for Reporting Period 2011**

The Following TACs Were Reported	Emissions (lbs/yr)
Benzene	2.552
1,3 – Butadiene	1.865
Ammonia	2891.922
Arsenic	0.013
Cadmium	0.012
Formaldehyde	1833.639
Naphthalene	0.216
Lead	0.074
Nickel	0.033
Naphthalene	0.274
PAH, total with components not reported	0.326

# South Coast Air Quality Management District

## Statement of Basis

### Proposed Title V Renewal Permit

**Facility Name:** Saint Joseph Hospital  
**Facility ID:** 13920  
**SIC Code:** 622110  
**Equipment Location:** 1100 West Stewart Drive  
Orange, CA 92868

**Application #(s):** 535932  
**Application Submittal Date(s):** 04/11/2012

**AQMD Contact Person:** Roy Olivares  
**Phone Number:** (909) 396-2208  
**E-Mail Address:** rolivares@aqmd.gov

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

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

attainment status. 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 hospital operations of St. Joseph Hospital. This facility is subject to Title V requirements because it is a major source.

## **2. Facility Description**

This is an existing facility that operates a medical center. The facility provides hospital care and other medical services to its military veterans. This facility is operating 4 diesel fueled ICEs driving emergency electrical generators, 4 natural gas fueled boilers with fuel oil stand-by fuel and 4 ETO sterilizers with associated

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

The facility has been in constant operation at this location since 1932. Numerous permits to construct and or permits to operate have been issued to the facility since the first application permits were filed in 1981. An initial Title V permit was issued to the facility on 3/21/2001, renewal issued 06/13/2007, and there has been three subsequent permit revisions issued to this facility in the last five years.

## **4. Regulatory Applicability Determinations**

Applicable legal requirements for which this facility is required to comply are required to be identified in the Title V permit (for example, Section D, E, and H of the proposed Title V permit). Applicability determinations (i.e., determinations made by the District with respect to what legal requirements apply to a specific piece of equipment, process, or operation) can be found as follows.

### **Boilers**

40 CFR Part 63 JJJJJ, all the boilers use fuel oil only as a stand-by fuel. The boilers meet the definition of gas fired boiler per 40 CFR 63.11237. There will be a permit condition for each boiler to limit the periodic testing using fuel oil to less than 48 hours per colander year to meet the definition of 40 CFR 63.11237. Per 40 CFR 63.11195 (e) these type of boilers are not subject any requirements of this subpart. 40 CFR PART 60, Subpart Dc-Standards of Performance for Small Industrial-Commercial-Institutional steam generating Units, Section 60.42(c)(d) requires fuel oil to be less than 0.5 ppmw Sulfur content. Rule 431.2 requires fuel oil purchased to be less than 15 ppmw Sulfur content. 40 CFR 60.48c(g)(2)- requires to record the monthly usage of natural gas and fuel oil combusted in the boiler. To demonstrate compliance with this section, requires boiler to be equipped with a non-resettable totalizing fuel meter. Section 60.42c(h)(1) requires fuel oil supplier certification (list sulfur content of the fuel oil) according to 40 CFR 60.48c(f). Require the operator to have MSDS on site listing the sulfur content of the fuel oil. Section 60.42c(g)(2) requires records of monthly fuel oil burned

### **Emergency engines**

The emergency engines are subject to NSPS Title 40 Part 60 subpart IIII, but since the engines were installed prior to 2007, the engines are not subject to this supart per 40 CFR 60.4230. The emergency engines are subject to NESHAP, 40 CFR Part 63 Subpart ZZZZ. The applicant operates a hospital is not a major source of HAPs. Per 40 CFR 63.6590 (a)(1)(iii) the engines

were installed prior to 2006. There are no emissions standards, but the engines must meet certain maintenance standards, change oil, inspect spark plugs, inspect hoses per Table 2d item 5 to Subpart ZZZZ of Part 63. Permit conditions will be added to each engine to address this section of the regulation.

### **Ethylene Oxide Sterilizers (ETO)**

The four ETO sterilizers are subject to 40 CFR Part 63 Subpart WWWW and the equipment is compliance with this regulation. Per 63.10382 (b)(1) the facility is an existing source the equipment was installed prior to 11/2007 (installed in 1991). Per section 63.10390 the sterilizer must operate under full loads and keep records of the sterilization cycles, but per 63.10420 the equipment is vented to APC and is not subject to the reporting requirements of section 63.10390. Per section 63.10432 (b) requires records for equipment not vented to APC, does not apply in this case.

Per section 63.10440 table 1 to this subpart shows which part of the General Provisions in 40 CFR 63.1 though 63.16 that applies to this equipment. Per 63.1 (e), there is no emissions standard, but there is a ETO daily usage amount as a permit condition, this section does not apply. Per section 63.6 (a), (b)(1)-(5), (7) does not apply, there is no standard (emissions) set per section 112 of the Act. Per section 63.11 there is no control device requirements. There is no current reporting requirements for this equipment since the sterilizers are vented to APCD, add in the permit conditions for Emissions and Requirements that the equipment is subject to 40 CFR Part 63 Subpart WWWW.

## **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 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 the SIP: Combustion Sources (July 2001).

The ETO sterilizers is vented to APC, but the sterilizers are limited to 33 pounds per day uncontrolled emissions well below the thresholds for CAM. Therefore, CAM requirements of 40 CFR Part 64 do not apply to any of the permitted emissions sources at this facility.

## **6. Permit Features**

### **Permit Shield**

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

permit shield. Permit shields are addressed in Rule 3004 (c). This facility has not applied for a permit shield.

Streamlining Requirements

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

**7. Summary of Emissions and Health Risks**

**Criteria Pollutant Emissions (tons/year)  
Annual Reported Emissions for Reporting Period 2011**

Pollutant	Emissions (tons/year)
NOx	5.978
CO	7.127
VOC	8.329
PM	0.748
SOx	0.078

**Toxic Air Contaminants Emissions (TAC)  
Annual Reported Emissions for Reporting Period 2011**

The Following TACs Were Reported	Emissions (lbs/yr)
Benzene	2.552
1,3 – Butadiene	1.865
Ammonia	2891.922
Arsenic	0.013
Cadmium	0.012
Formaldehyde	1833.639
Naphthalene	0.216
Lead	0.074
Nickel	0.033
Naphthalene	0.274
PAH, total with components not reported	0.326

**Health Risk from Toxic Air Contaminants**

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

**8. Compliance History**

As noted, the facility has been in constant operation since 1932. The facility has been subject to both self-reporting requirements and AQMD inspections. The facility has one Notices to Comply and two Notice of Violation issued in the last two years. The first NOV was issued for failure to submit the Title V renewal in a timely manner. . The second NOV was for not conducting the required testing per Rule 1405. The NC was issued for not providing Rule 1405 ETO usage. Upon follow up inspections, this facility was found to be in compliance with all applicable requirements. There have been no complaints against this facility for the past two years.

**9. Compliance Certification**

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