



South Coast Air Quality Management District



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

February 15, 2013

Mr. Gerardo Rios (R9Airpermits_sc@epa.gov)
Chief, Permits Office
US EPA, Region IX- Air 3.
75 Hawthorne Blvd.
San Francisco, CA 94105

Subject: Title V Significant Permit Revision, U.S. Govt., V.A. Med Center, West LA,
ID 14966

Dear Mr. Rios:

U.S. Govt., VA Medical Center, West LA has proposed to revise their Title V permit under application no. 545922 by installing one emergency stand-by engine. This is a hospital (NAICS 622110) located at 11301 Wilshire Blvd., Los Angeles, CA 90073. This proposed permit revision is considered a "Significant Permit Revision" to their Title V permit. Attached for your review are the evaluation, section D of the Facility permit for the proposed revision and the public notice. With your receipt of the proposed Title V Permit Revision today, we will note that the EPA 45-day review period will begin on February 20, 2013. AQMD intends to publish a 30 day Title V Public Notice for this facility on February 21, 2013.

If you have any questions concerning these changes, please call the permit processing engineer Mr. Roy Olivares at (909) 396-2208.

Very truly yours,

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

BLY:AYL:JTY:rdc
Enclosure



South Coast Air Quality Management District

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NOTICE OF PROPOSED TITLE V SIGNIFICANT REVISION PERMIT

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

US Govt. VA Med Center West Los Angeles
11301 Wilshire Blvd.
Los Angeles, CA 90073
Facility ID# 14966

Contact Person:

Joe Olson
Env. Engineer
11301 Wilshire Blvd., Bldg. 218, RM 310
Los Angeles, CA 90073

This is an existing facility applying for a significant revision for their Title V permit. The facility is a hospital proposing to install one new emergency engine that is subject to New Source Performance Standards (NSPS) 40 CFR 60 Subpart IIII and National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 63 Subpart ZZZZ.

Pursuant to Title V of the federal Clean Air Act and AQMD Rule 3000(b)(31)(I), a facility with a Title V permit that proposes to install new equipment subject to a NSPS or NESHAP is considered a significant revision. Accordingly, the above facility has submitted a Title V significant revision application and requested the AQMD to revise their Title V permit. The proposed permit incorporates the addition of the one new emergency engine

The proposed permit is available for public review at AQMD, 21865 Copley Dr., Diamond Bar, CA 91765 and at the West Los Angeles Regional Library, 11360 Santa

Monica Blvd., Los Angeles, CA 90025. Information regarding the facility owner's compliance history submitted to the AQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to the AQMD based on credible information, is also available from the AQMD for public review. For more information or to review additional supporting documents, call the AQMD's Title V hotline at (909) 396-3013. Written comments should be submitted to:

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

Comments must be received by March 22, 2013. The AQMD will consider all public comments and may revise the Title V permit in accordance with AQMD rules and regulations.

The public may request AQMD to conduct a public hearing on the proposed permit by submitting a Hearing Request Form (Form 500-G) to Brian Yeh at the above AQMD address. The AQMD will hold a public hearing if there is evidence that the proposed permit is not correct or is not adequate to ensure compliance with regulatory requirements, and a hearing will likely provide additional information that will affect the drafting and/or issuance of the permit. A public hearing request form and the public hearing schedule may be obtained from the AQMD by calling the Title V hotline at (909) 396-3013, or from the internet at <http://www.aqmd.gov/titlev>. The request for a public hearing is due by March 8, 2013. A copy of the hearing request must also be sent by first class mail to the appropriate facility contact person listed above.

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PERMIT TO CONSTRUCT/OPERATE

APPLICANT:

US Govt., VA Medical Center, West LA
11301 Wilshire Blvd. Bldg 218, Room 310
Los Angeles, CA 90073
Facility ID# 14966

EQUIPMENT LOCATION:

11301 Wilshire Blvd.
Los Angeles, CA 90073

EQUIPMENT DESCRIPTION:

APPLICATION NO 545921

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL NO. 3516C, SERIAL NO. DD600156, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, RATED AT 2937 BHP, DRIVING AN EMERGENCY ELECTRICAL GENERATOR, WITH A DIESEL PARTICULATE FILTER, ACTIVE REGENERATION TYPE, RYPOS, MODEL HDPF/C ADPF-6, AND A BACKPRESSURE MONITOR.

APPLICATION NO 545922

SIGNIFICANT TITLE V REVISION

PERMIT 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.
[204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[204]
3. THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.
[RULE 1470, RULE 431.2]

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4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING. [RULE 1110.2, RULE 1303 (a), RULE 1470, 40 CFR 60.4211 (f)]
5. OPERATING BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR MAINTENANCE AND TESTING PURPOSES SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT. [RULE 1470]
6. AN OPERATIONAL NON-RESETTING ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME. [RULE 1110.2, RULE 1303 (b)(2), RULE 1470, 40 CFR 60.4209 (a)]
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 REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR. [RULE 1470]
8. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
 - a. EMERGENCY USE.
 - b. MAINTENANCE AND TESTING.
 - c. OTHER (DESCRIBE THE REASON FOR OPERATING).
 - d. IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION. [RULE 1303 (b)(2), RULE 1470, 40 CFR 60.4214 (b)]

9. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND

THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.

[RULE 1303 (b)(2)]

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10. THIS ENGINE SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE DIESEL PARTICULATE FILTER WHICH SHALL BE IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 1303 (a)]
11. THE OPERATOR SHALL NOT OPERATE THE DIESEL PARTICULATE FILTER SYSTEM WITHOUT AN ELECTRONIC CONTROL MODULE AND OPERATIONAL DISPLAY OF EXHAUST, BACKPRESSURE AND ALARM SYSTEM.
[RULE 1303 (a), RULE 1470]
12. THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE (DISPLAY READING SHALL BE READILY AVAILABLE) TO ACCURATELY INDICATE THE BACK PRESSURE OF THE ENGINE (ELECTRONIC DISPLAY IS ACCEPTABLE). THE DISPLAY OF THE PRESSURE GAUGE SHALL BE IN INCHES OF WATER COLUMN (W.C.) OR INCHES MERCURY (IN. HG).
[RULE 1303 (a), RULE 1470, 40 CFR 60.4209 (b)]
13. THE MAXIMUM BACK PRESSURE OF THE ENGINE SHALL NOT EXCEED 27 INCHES W.C.
[RULE 1303 (a)]
14. THE DIESEL PARTICULATE FILTER (DPF) REGENERATION SHALL BE STARTED AUTOMATICALLY WHEN THE PRESSURE DROP ACROSS THE DIESEL PARTICULATE FILTER EXCEED THE VALUES DETERMINED BY THE CONTROL MODULE
[RULE 1303 (a)]
15. THE OPERATOR SHALL KEEP RECORDS OF PARTICULATE FILTER INSPECTIONS, REPLACEMENTS AND MANUAL REGENERATIONS. THE OPERATOR SHALL MAINTAIN THESE RECORDS FOR A MINIMUM OF FIVE YEARS AND MAKE THEM AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303 (a)]
16. THE NUMBER OF HOURS OF OPERATION BEFORE INSPECTION OF THE DIESEL PARTICULATE FILTER IS REQUIRED IS 1,000 HOURS AND CLEANED IF NEEDED. THE VALVES USED DURING FILTER REGENERATION SHOULD BE INSPECTED FOR LEAKS PER MANUFACTURERS RECOMMENDATIONS.
[RULE 1303 (a)]
17. SULFUR CONTENT OF DIESEL FUEL SUPPLIED TO THE ENGINE SHALL NOT EXCEED 15 PPM BY WEIGHT.
[RULE 1303 (a), RULE 431.2, 40 CFR 60.4207 (b)]
18. THE OPERATOR SHALL KEEP RECORDS OF ANY CORRECTIVE ACTION TAKEN AFTER THE BACKPRESSURE MONITOR HAS NOTIFIED THE OPERATOR THAT THE BACKPRESSURE LIMIT OF THE ENGINE IS APPROACHED
[40 CFR 60.4214 (c)]
19. THE OPERATOR SHALL COMPLY WITH THE EMISSION STANDARDS SPECIFIED IN 40 CFR 60.4205(b) BY PURCHASING AN ENGINE CERTIFIED TO THE EMISSION STANDARDS IN 40 CFR 60.4205(b), AS APPLICABLE, FOR THE SAME MODEL YEAR AND MAXIMUM ENGINE POWER. THE ENGINE MUST BE INSTALLED AND CONFIGURED ACCORDING TO THE

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MANUFACTURER'S EMISSION RELATED SPECIFICATIONS.

[40 CFR 60.4211(c)]

20. THE OPERATOR SHALL OPERATE AND MAINTAIN THE STATIONARY ENGINE AND CONTROL DEVICE ACCORDING TO THE MANUFACTURER'S WRITTEN EMISSION-RELATED INSTRUCTIONS (OR PROCEDURES DEVELOPED BY THE OPERATOR THAT ARE APPROVED BY THE ENGINE MANUFACTURER), CHANGE ONLY THOSE EMISSION-RELATED SETTINGS THAT ARE PERMITTED BY THE MANUFACTURER, AND MEET THE REQUIREMENTS OF 40 CFR 89, 94 AND/OR 1068, AS THEY APPLY.

[40 CFR 60.4211(a)]

21. REMOVAL OF THE DIESEL PARTICULATE FILTER'S FILTER MEDIA FOR CLEANING MAY ONLY OCCUR UNDER THE FOLLOWING CONDITIONS:

- A. THE INTERNAL COMBUSTION ENGINE SHALL NOT BE OPERATED FOR MAINTENANCE AND TESTING OR ANY OTHER NON-EMERGENCY USE WHILE THE DIESEL PARTICULATE FILTER MEDIA IS REMOVED; AND
- B. THE DIESEL PARTICULATE FILTER'S FILTER MEDIA SHALL BE RETURNED AND RE-INSTALLED WITHIN 10 WORKING DAYS FROM THE DATE OF REMOVAL; AND
- C. THE OWNER OR OPERATOR SHALL MAINTAIN RECORDS INDICATING THE DATE(S) THE DIESEL PARTICULATE FILTER'S FILTER MEDIA WAS REMOVED FOR CLEANING AND THE DATE(S) THE FILTER MEDIA WAS RE-INSTALLED. RECORDS SHALL BE RETAINED FOR A MINIMUM PERIOD OF FIVE YEARS.

[Rule 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: 0.15 G/BHP-HR, RULE 1470
NOx+VOC: 4.8 G/BHP-HR, RULE 1303 (a), 40 CFR 60.4205 (b)
CO: 2.6 G/BHP-HR, RULE 1303 (a), 40 CFR 60.4205 (b)
PM 0.15 G/BHP-HR, RULE 1303 (a), 40 CFR 60.4205 (b)

BACKGROUND:

The above application were filed as new construction. The engine will be used as diesel fueled emergency stand-by ICE driving an emergency electrical generator. The proposed engine is certified by the District, ref a/n 449979 and will be equipped Diesel Particulate Filter (DPF) and oxidization catalyst. The DPD is CARB certified (Executive Order DE-07-001-03).

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In the Facility Permit ID# 14966, additions are requested to Section D by the addition of one emergency diesel fueled ICEs. Attached is a draft of Section D in the Facility Permit affected by this addition. This Title V modification is considered as a "Significant Permit Revision" to the Title V permit per Rule 3000 (b)(31)(I).

The VA in the process of expanding its facility and submitted the following applications.

Application no.	Description
545921	P/C-P/O for Caterpillar emergency ICE, rated at 2937 bhp
545922	Significant Title V permit revision

COMPLIANCE HISTORY

There has been no compliance actions with this facility for the past two years (02/03/2010-02/03/2013).

NC or NOV	Action	Disposition
None	n/a	n/a

Permitting since the Title V permit was renewed since 6/14/2007

Item	A/n	30 day ave-lb/dy				
		NOx	ROG	CO	SOx	PM10
Em-ICE	510599	+0	+0	+0	+0	+0
Gasoline storage and dispensing	499236	+0	+0	+0	+0	+0
Em-ice	513045	+2.42	+0.38	+0.51	+0	+0
Em-ice	516409	+0.27	+0.05	+0.11	+0	+0.01
517667 title v revision	517667	-110.61	+0	+0	+0	+0
Minor TV revision	542571	+0	+0			
New ICE TV sig. rev	545922	+3.39	+0.21	+0.42	+0	+0
Change in emissions	0	-104.53	+0.64	+1.04	+0	+0.01

CALCULATIONS

1. Permit processing Emissions calculation methodology

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A. Emissions calculations

Determine emissions from NO_x, CO, ROG and PM

$$R1(LB / HR) = \frac{hp \times gr / bhp - hr}{454 gr / lb}$$

Note R1=R2

Note, PM₁₀ = 0.96 PM (ref PM₁₀ combustion values for various operations, ref District factors)

Determine emissions from SO_x

$$R1(LB / HR) = \frac{EF \times GAL USAGE}{1 \times 10^3}$$

Note R1 = R2

Where EF equal lb/MGAL (ref SCAQMD emissions fee form B-3)

Note, if applicant provide SO_x in terms of g/bhp-hr, use previous formula

$$R2(LB / HR) = R1 \times ((100 - eff) / 100)$$

Does not apply

Minimum control efficiency is 85%, per control system specs

For this project assume not CO and VOC reduction, only PM reduction

B. Requirements for BACT, Rule 1303 (a) and Rule 1470 (PM)

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	Units	VOC+NO _x	CO	PM ₁₀
Actual	g/bHP-hr	4.1800	0.4900	0.0100
Required		4.8	2.6	0.01
Compliance		Yes	Yes	Yes
Rule		1303 (a)	1303 (a)	LAER

LAER does apply for PM emissions, the max daily PM emissions are greater than one pound per day

$$PM_{10} = 0.54 \text{ lb/hr} * 24 \text{ hr/dy} = 12.96 \text{ lb/dy}$$

$$\text{Note, VOC} + \text{NO}_x = 0.25 + 3.93 = 4.18 \text{ g/bhp-hr}$$

See emissions data sheet from A/N 449979 (certified engine)

4. EMISSIONS CALCULATIONS PER ENGINE

	R1-lb/hr	R1-lb/dy	R2-30 dy av	R2-lb/yr
NO _x	25.42	25.42	3.39	1271
ROG	1.62	1.62	0.216	80.86
CO	3.17	3.17	0.42	158
SO _x	0.0317	0.0317	0.0042	1.5831
PM	0.06469	0.06	0.0086	3.23
PM10	0.06210	0.06	0.0083	3.11

See attachment for detailed calculations (emissions based on 1 hr/dy, 1 dy/wk, 50 wk/yr engine testing)

RULES EVALUATION:

Rule 212—Standards for Approving Permits and Issuing Public Notice

The engine is not located within 1,000 feet of a school, thus public notice does not apply, see table below. The emissions from the emergency stand by ICE will not exceed the daily maximum specified in subdivision (g) of this Rule.

(c)(1)-- Public notice is required for any new or modified equipment under Regulation XXX (Title V) that may emit air contaminants located within 1000 feet from the outer boundary of a school. Greatschools.org shows that St. Sebastian School, 1430 Federal Ave., Los Angeles, CA 90025, is located 0.4

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miles (2112 ft) from the facility. Since the distance is greater than 1000 ft, public notice is not required.

Application no	Equipment located beyond 1000 feet of a school	Public notice required
545921	Yes	no

Section (c)(3)(A)(i)–Public notice is required for any new or modified equipment under Regulation XXX with increases in emissions of toxic contaminants for which a person may be exposed to a maximum individual cancer risk greater than, or equal to one in a million during a lifetime (70 years) for facilities with more than one permitted unit, unless the applicant demonstrates to the satisfaction of the Executive Officer that the total facility-wide maximum individual cancer risk is below ten in a million using the risk assessment procedures and toxic air contaminants specified under Rule 1402. As indicated in the Rule 1401 risk assessment below, the MICR will not exceed 1 in a million

Pollutant	MICR per engine	Threshold	Public Notice required
ICE	4.34E-08	1.0e-06	No

Section (c)(2) Public notice is required for any new or modified facility which has on-site emission increases exceeding any of the daily maximums specified in subdivision (g) of this rule. This subsection does not require public notice because the on-site emission increases from this project, consisting of the addition of one emergency ICE, will not exceed any of the daily maximum thresholds set forth in subdivision (g).

Pollutant	Net increase in emissions lb/dy	Allowed limit-lb/dy	Trigger Public Notice
NOx	+3.39	40	No
ROG	+0.22	30	No
CO	+0.42	220	No
PM10	+0.01	30	No
SOx	+0.03	60	No

Rule 401—Visible Emissions

Based on experience with similar equipment, the engines are expected to comply with the opacity limits.

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Rule 402—Nuisance

Based on experience with similar equipment, nuisance complaints are not expected.

Rule 404—Particulate Matter - Concentration

Based on experience with similar equipment, compliance with the rule requirements are expected.

Rule 407—Liquid and Gaseous Air Contaminants

The engines are exempt per section (b)(1), which exempts stationary internal combustion engines.

Rule 431.2—Sulfur Content of Liquid Fuels

Compliance is expected to comply with the requirement that diesel fuel supplied to equipment is to contain 15 ppm or less sulfur by weight.

Rule 1110.2—Emissions from Gaseous- and Liquid-Fueled Engines

The engine is exempt per section (h)(2), which exempts emergency standby engines that operate 200 hours or less per year as determined by an elapsed operating time meter. Condition no. 4 limits operation to no more than 200 hours in any one year, and condition no. 6 requires an operational non-resettable elapsed operating time meter.

Reg. XIII Compliance with the following sections is anticipated.

1303 (a)-BACT- Emissions meet Tier 2 BACT limits for NOx, VOC and CO. This is a Title V facility and is subject to LAER and requires a DPF to be installed on the engine to control PM10 emissions

Item	HP	NOx +VOC	CO	PM10
		Gr/bhp-hr	Gr/bhp-hr	Gr/bhp-hr
BACT		4.8	2.6	0.15
Engine	2937	4.18	0.49	0.0821
Compliance		Yes	Yes	yes

Title V facility install PM filter for LAER, CARB certified PM reduction of 85% or greater, R2 emissions = 0.082 g/bhp-hr * 0.15, see Appendix B

1303 (b)(1)-The engine is exempt from modeling for being emergency equipment, per 1304 (a)(4)

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1303 (b)(2)- The engine is exempt from offsets for being emergency equipment, per 1304 (a)(4). The hospital is Essential Public Service (EPS) per Rule 1302 (m)(6) and use the Rule 1309.1(a)(3) exemption for offsets purposes.

Rule 1401—New Source Review of Toxic Air Contaminants

Rule 1401 specifies limits for maximum individual cancer risk (MICR), cancer burden, and non cancer acute and chronic hazard index (HI) from new permit units that emit toxic air contaminants. Emergency engines are exempt per section (g)(1)(F), does not apply for stand-by generators exempt per Reg 1304. The MICR was conducted for Rule 212 and the MICR was below one in one million, see attachment A for details.

The Tier 3 risk. The results are summarized below.

Health Risk Index	Residential/ Sensitive Receptor Risk	Commercial Receptor Risk	Rule 1401 Standard (no T-BACT)	Complies
Maximum Individual Cancer (MICR)	4.34 x 10 ⁻⁸	3.56 x 10 ⁻⁸	n/a	n/a
HIA	n/a	n/a	n/a	n/a
HIC	2.72x 10 ⁻⁵	2.72 x 10 ⁻⁵	n/a	n/a

RULE 1470 – REQUIREMENTS FOR STATIONARY DIESEL-FUELED INTERNAL COMBUSTION AND OTHER COMPRESSION IGNITION ENGINES

PAR 1470 was adopted by the AQMD’s Governing Board on May 4, 2012.

1470 (b)(47)-New CI engine installed after 2005.

1470 (b)(60)-Sensitive Receptor, the equipment is located a prison

1470 (c)(1)-Requires ultra low sulfur be used in this equipment 1/2006, but Rule 431.2 requires the use of this fuel at this time.

1470 (c)(2)(C)(i)-Limit the testing to no more than 50 hours per year.

1470 (c)(2)(C)(iii)- PM emissions less than 0.15 g/bhp-hr, see emissions data sheet (AQMD data base ref a/n 455700, copy in file).

1470 (c)(2)(C)(iv)(I)- the engine is at a sensitive receptor (hospital), but the application was filed prior to 2013 prior to 1/1/2013, this section does

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not apply. The engine is subject to BACT LAER and a DPF will be installed, thus the PM emissions will be well below 0.075 g/bhp-hr.

1470 (c)(2)(C)(vii)(Table 2)-The equipment does comply,

 	Units	VOC+NO _x	CO
Actual	g/bHP-hr	4.1800	0.4900
Required		4.8	2.6
Compliance		Yes	Yes

1470 (c)(2)(F)- Filter cleaning of DPF. Add permit condition for DPF cleaning per email dated 5/8/2012, copy in file

1470 (d)(7)(A)-Require time meter to be installed

1470 (d)(7)(B)-Require backpressure monitor to installed (pm control), not required by this Rule, but with CARB E/O and LEAR-BACT permit condition.

1470 (d)(9)(A)- Require record keeping conditions

RULE 1472- The applicant does have an approved compliance plan, a/n 517589 and was approved on 8/17/2012.

RULE XVII-Prevention of Significant Deterioration

1701 (b)(1)- The engines comply with the BACT requirements for CO and NO_x,

 	Units	VOC+NO _x	CO
Actual	g/bHP-hr	4.1800	0.4900
Required		4.8	2.6
Compliance		Yes	Yes

1701 (b)(2)(A)- The emissions increase are well below the threshold limits of this Rule (permit condition limits annual operating hours to 200 hours per year).

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1714 (b)(2)(A) The annual criteria emissions are well below the threshold limits of this Rule, thus GHG emission are well below the threshold limits and does not apply

Regulation XXX

This facility (id 14966) is included in Phase Two of the Title V universe. Therefore proposed equipment is expected to comply with the following sections:

Rule 3000 (b)(31)(i) does apply based on the following

Per Rule 3000 (b)(31)(I) the engines are subject to NSPS and NESHAP requirements

Rule 3006

The proposed project is expected to comply with all applicable District Rules and Regulations. Since the proposed project is considered as a "Significant permit revision" and will be subject to the public participation requirements under Rule 3006 (a)(1)(B). A proposed permit incorporating this permit revision will be submitted to EPA for a 45-day review pursuant to Rule 3003(j). If EPA does not raise any objections within the review period, a revised Title V permit will be issued to this facility.

Rule 3003

Section (j)(1)(A) The EPA Administrator will timely receive the Significant revision upon completion of District evaluation.

Section (j)(1)(C) The EPA Administrator will timely receive the draft of the Significant revision upon completion of District evaluation.

Section (j)(1)(D) The EPA Administrator will timely receive the final Title V permit upon issuance by the District

Section (j)(4)(A) The applicant will be timely notified of any refusal to accept all recommendations for the draft permit

CALIFORNIA AIRBORNE TOXIC CONTROL MEASURE FOR STATIONARY COMPRESSION IGNITION ENGINES.

The ATCM was amended October 2010 and the requirements for Tier 4i and Tier 4 was removed and section 93115.6 (a)(3)(A)(1)(a) Table 1. Table 1 keeps the current Tier 2 and Tier 3 emissions standards for the applicable HP engine group. The revised ATCM is expected to be formally approved by CARB in spring 2011. CARB in November 2010 distributed a regulatory

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advisory that provided guidance on compliance with the ATCM during the transition period from the current ATCM to the amended ATCM. The ATCM have become effective on May 19, 2011 when the California Office of Administrative Law (OAL) approved the CARB rulemaking for the amendments to ATCM. AQMD has announced that it intends to amend Rule 1470 to incorporate some of amendments to ATCM that have been approved by OAL. The AQMD did revise Rule 1470 in May of 2012 to align with the amended ATCM for all pollutants except diesel particulate matter (PM), which is a toxic and cancer causing air contaminant

Federal Regulations

40 CFR Part 60 Subpart IIII--NSPS for Stationary Compression Ignition Internal Combustion Engines

§60.4200(a)—The provision of this subpart are applicable to manufacturers, owners, and operators of stationary compression ignition (CI) engines as specified in paragraphs (a)(1) through (a)(4) of this section. For the purposes of this subpart, the date that construction commences is the date the engine is ordered by the owner or operator.

§60.4200(a)(2)(i) specifies this subpart is applicable to owners and operators of stationary CI ICE that commence construction after July 11, 2005 where the stationary CI ICE is manufactured after April 1, 2006 and are not fire pump engines. Therefore, this subpart is applicable to the engines under evaluation.

The EPA comment letter, dated 5/23/12, regarding the proposed permit for A/N 529701 for an emergency ICE for US Govt., Veterans Admin Medical Center (ID 5679) indicated permit conditions should include at a minimum the requirements of the following sections.

- A. **§60.4205(b)**—Owners and operators of 2007 model year and later emergency stationary CI ICE with a displacement of less than 30 liters per cylinder that are not fire pump engines must comply with the emission standards for new nonroad CI engines in §60.4202, for all pollutants, for the same model year and maximum engine power for their 2007 model year and later emergency stationary CI ICE. Since the engines under evaluation each have a total displacement of 78.1 liters for 16 cylinders, §60.4202 is applicable.

§60.4202(a)—Stationary CI internal combustion engine manufacturers must certify their 2007 model year and later emergency stationary CI ICE with a maximum engine power less than or equal to 2,237 KW (3,000 HP) and a displacement of less than 10 liters per cylinder that are not fire pump engines to the emission standards specified in paragraphs (a)(1) through (2) of this section.

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§60.4202(a)(2) provides that for engines with a maximum engine power greater than or equal to 37 kW (50 HP), the certification emission standards for new nonroad CI engines for the same model year and maximum engine power in 40 CFR 89.112 and 40 CFR 89.113 for all pollutants beginning in model year 2007.

40 CFR 89.112—Exhaust emission from nonroad engines shall not exceed the applicable exhaust standards in Table 1 of this provision. For an engine rated at 1500 kW for model year 2007 and later, Tier 2 is applicable (6.4 g/kW-hr NMHC + NO_x, 3.5 g/kW-hr CO, 0.2 g/kW-hr PM) . The engine comply with these limits, which are the same as the District BACT standards.

Permit condition: Accordingly, the emissions limits in condition no. 22 for NMHC + NO_x, CO, and PM will be tagged with Rule 1301(a)—BACT and 40 CFR 60.4205(b).

- B. §60.4207(b)**—Beginning October 1, 2010, owners and operators of stationary CI ICE subject to this subpart with a displacement of less than 30 liters per cylinder that use diesel fuel must purchase diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel.

40 CFR 80.510(b)—Except as other specifically provided in this subpart, all NR and LM diesel fuel is subject to the following per-gallon standards:

(1) Sulfur content.

- (i) 15 ppm maximum for NR [nonroad] diesel fuel
- (ii) 500 ppm maximum for LM [locomotive or marine] diesel fuel

Permit condition: Condition no. 17 limits diesel fuel sulfur content to 15 ppm, which is the same as BACT.

- C. §60.4209(a)**— An owner or operator of an emergency stationary CI ICE that does not meet the standards applicable to non-emergency engines must install a non-resettable hour meter prior to start-up of the engine.

Permit condition: Condition no. 6 requires a non-resettable hour meter.

- D. §60.4209(b)**—An owner or operator of a stationary CI ICE equipped with a diesel particulate filter to comply with the emission standards in §60.4204, the diesel particulate filter must be installed with a backpressure monitor that notifies the owner or operator when the high backpressure limit of the engine is approached.

Permit condition: Condition no. 7, requires a backpressure monitor to be installed.

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E. §60.4211(a)—An owner or operator who must comply with the emission standards specified in this subpart must do all of the following, except as permitted under paragraph (g) of this section:

- (1) Operate and maintain the stationary CI internal combustion engine and control device according to manufacturer's emission-related written instructions;
- (2) Change only those emission-related settings that are permitted by the manufacturer; and
- (3) Meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply.

Permit condition: Pursuant to EPA guidance, condition no. 20 is added to implement the above requirements regarding the engine (no control device).

F. §60.4211(c)—An owner or operator of a 2007 model year and later stationary CI ICE and must comply with the emission standards specified in §60.4204(b) [non-emergency engine] or §60.4205(b) [emergency engine], or an owner or operator of a CI fire pump engine that is manufactured during or after the model year that applies to the fire pump engine power rating in table 3 to this subpart and must comply with the emission standard specified in §60.4205(c), must comply by purchasing an engine certified to the emission standards in §60.4204(b), or §60.4205(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications, except as permitted in paragraph (g) of this section.

Permit condition: Pursuant to EPA guidance, condition no. 19 is added to implement the above requirements regarding the engine. As discussed above, the engine is in compliance with the emissions standards specified in 40 CFR 60.4205(b).

G. §60.4211(f)—Emergency stationary ICE may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. There is no time limit on the use of emergency stationary ICE in emergency situations....

Permit condition: Federal standards allow 100 hours per year for testing and maintenance and no time limit for emergency use. District requirements are more stringent and allow 50 hours for testing and maintenance, and 200 hours total including the 50 hours for testing and maintenance. Condition no. 4 implements the more stringent District requirements.

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H. §60.4214(b)—If the stationary CI ICE is an emergency stationary ICE, the owner or operator is not required to submit an initial notification. Starting with the model years in table 5 to this subpart, if the emergency engine does not meet the standards applicable to on-emergency engines in the applicable model year, the owner or operator must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time.

Permit condition: Condition no. 8 sets forth the recordkeeping requirements.

I §60.4214(c)—If the stationary CI ICE is equipped with a diesel particulate filter, the owner or operator must keep records of any corrective action taken after the backpressure monitor has notified the owner or operator that the high backpressure limit of the engine is approached.

Permit condition: Condition no. 18, requires record keeping on backpressure corrective actions.

40 CFR Part 63 Subpart ZZZZ--NESHAPS for Stationary Reciprocating Internal Combustion Engines

§63.6580 Subpart ZZZZ establishes national emission limitations and operating limitations for hazardous air pollutants (HAP) emitted from stationary reciprocating internal combustion engines (RICE) located at major and area sources of HAP emissions.

§63.6585(b) A “major source” is a plant site that emits or has the potential to emit any single HAP at a rate of 10 tons or more per year or any combination of HAP at a rate of 25 tons or more per year.

§63.6585(c) An “area source” is a source that is not a major source. This hospital is an area source for HAPs.

§63.6590(a) This subpart applies to each affected source. An “affected source” is any existing, new, or reconstructed stationary RICE located at a major or area source of HAP emissions, excluding stationary RICE being tested at a stationary RICE test cell/stand.

§63.6590(a)(2)(iii) A stationary RICE located at an area source of HAP emissions is new if construction of the stationary RICE is commenced on or after June 12, 2006. Therefore, the engine under evaluation is new.

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§63.6590 (c) provides an affected source that meets any of the criteria in paragraphs (c)(1) through (c)(7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII for compression ignition engines or 40 CFR part 60 subpart JJJJ for spark ignition engines. No further requirements apply for such engines under this part.

- (1) A new or reconstructed stationary RICE located at an area source.

Conclusion: Since the emergency engine is a new compression-ignition RICE located at an area source, it is required to meet 40 CFR Part 60 Subpart IIII—Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. (See discussion on Subpart IIII, above.)

40 CFR Part 64.2 CAM APPLICABILITY

The uncontrolled PM10 emissions rate is 0.082 g/bhp-hr

Max R1 PM emissions/yr = 0.082 g/bhp-hr * 2937 hp * 1 lb/454 g * 200 hr/yr = 106 lb/yr
 The PM10 emissions are well below the title v threshold, CAM does not apply

RECOMMENDATIONS

Based on the analysis in this report, the equipment is expected to comply with the applicable Rules and Regulations of the SCAQMD and the applicable BACT requirements.

For this reason, the following disposition is recommended; issue a revised Title V Facility Permit reflecting the addition of one emergency engine under section D.

Updates in Section D of the Title V facility Permit resulting from this addition are listed in Equipment and Condition sections of the attached draft permit.

RECOMMENDATIONS

FOR THIS APPLICATION THE FOLLOWING DISPOSITION IS RECOMMENDED:

Issue PC/PO

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APPENDIX A

MAXIMUM INDIVIDUAL CANCER RISK

Methods per "Risk Assessment Procedures for Rule 1401 and 212" revised version 7.0, dated July 1, 2005.

Calculate contaminant R2 emissions (lb/hr) and ton/yr

Find the correct met zone for this location

Find the distance from equipment to the nearest residence and commercial receptor

Look up the unit risk factor for each contaminant

⇒ Use unit Risk factor for diesel ice soot for MICR determination.

⇒ Note evaluate the engines at 1 hour per day, 50 weeks per year (testing)

⇒ Nearest residence = 25 m (assume worst case)

⇒ stack diameter is 12 inches, per applicant

⇒ Stack ht = 10 feet, per applicant

⇒ Stack ACFM is 15293, per applicant

⇒ Sack temp is 752 F, per applicant

⇒ R1 PM emissions = 0.082 g/bhp-hr, per AQMD data, R2 assume 0.01 g/bhp-hr

⇒ Typically the engines only operate at max load

⇒ PM emissions

$$R1(\text{lb/hr}) = HP * g / \text{hp} - \text{hr}.$$

Where HP is the max engine HP.

Where g/bhp-hr is the PM emissions, provided by engine manufacture, copy of specs in file

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APPENDIX B

Rypos, Hybrid Diesel Particulate filter Level 3 certified (E/O DE-07-001-03)

Active filter regeneration

control module, the module monitors back pressure and has alarms if the preset backpressure is exceeded.

Reduces PM, HC and CO by 85%, 70% and 85% respectively (for this evaluation only use the reductions in PM emissions)

- Verified by CARB for emergency backup power, prime power and pumping
- Modular design for ease of installation, routing service and easy maintenance
- Self cleaning for convenience and ease of use
- No supplemental heat or fuel required (uses electrical heat for regeneration).
- Can operate for any fuel regardless of Sulfur content (required by AQMD rule 431.2)
- Each unit is equipped with the control module, with pressure alarm capability and computer interface.
- Housed in stainless steel for strength and durability
- PM collection/filtration begins when the engine starts and continues for the entire run time
- The system consist of filter modules. The control system monitors the pressure drop and once a certain pressure is reached, one section of filters is closed off and a electric heater regenerates the filter, once complete another section filters is sectioned off the process is repeated.

The proposed control system is verified as Level 3 Plus emissions control device and gone through extensive certification and testing program. CARB executive order no. DE-07-001-03 has operating condition in Table 1 of the executive order

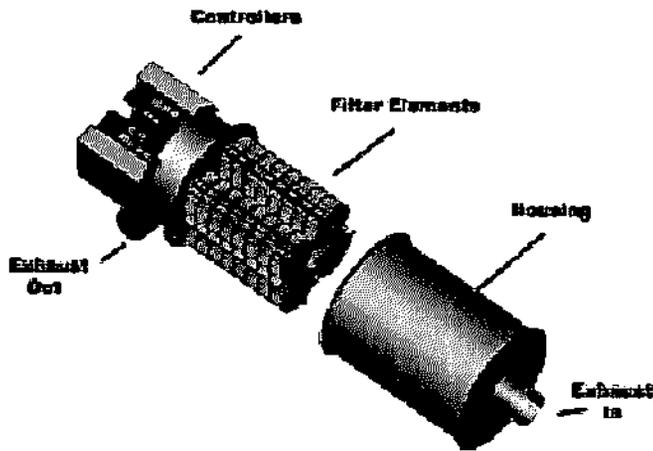
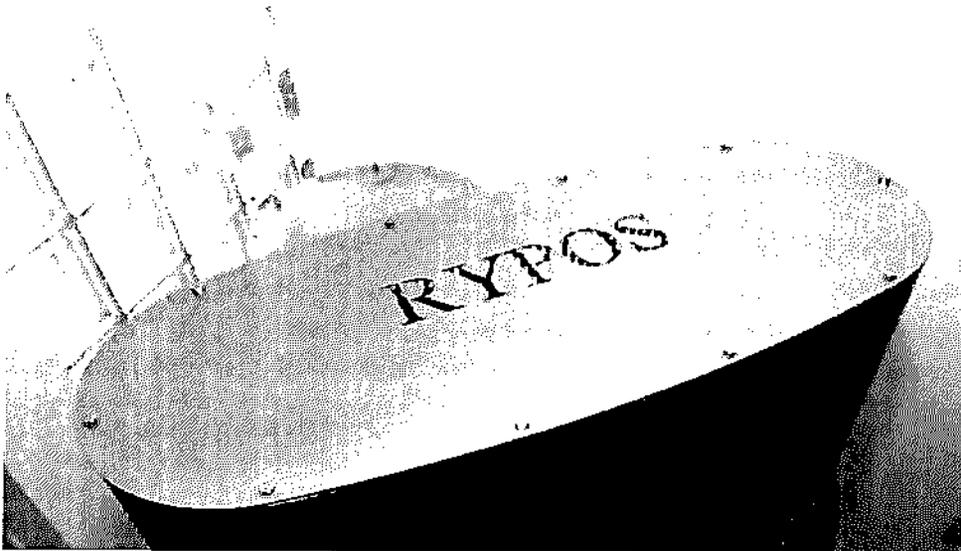
- R1 PM emissions from the engine must be less than 0.2 g/bhp-hr
- Maximum consecutive minutes at idle -none.
- Number of 30 minute idle sessions before regeneration-none
- Min. exhaust temperature for filter regeneration-none.
- Number of hours before filter inspection/cleaning if needed is 1000
- PM verification level plus is at least 85% reduction
- The control includes filter housing, electrical control circuit and filter cartridges made of sintered metal fibers, referred to as an active sintered metal diesel particulate filter, and a downstream diesel oxidation catalyst with data logging (pressure) and alarm system
- No changes are permitted to the control device without notifying ARB and must be approved by ARB

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

E&C DIVISION

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Engine data entry

Engine hp	2937	hp
use default fuel usage	yes	
actual fuel rate	146.85	gal/hr
fuel rate	146.85	gal/hr
use default E.F.	no	yes/no
use PM default E.F.	no	
Use 15 ppm sulfur	yes	yes/no
SOx-15 ppm sulfur	no	lb/mgal
PM10	0.96	
Nox (actual data)	3.93	g/bhp-hr
ROG (actual data)	0.25	g/bhp-hr
CO (actual data)	0.49	g/bhp-hr
PM (actual data)	0.01	g/bhp-hr
hr/dy	121	hr
dy/wk	1	dy
dy/mon	4	dy
wk/yr	50	wk

Emissions Calculations

	R1-lb/hr	R1-lb/dy	R2-30 dy av	R2-lb/yr
NOx	25.42	25.42	3.39	1271
ROG	1.62	1.62	0.216	80.86
CO	3.17	3.17	0.42	158
SOx	0.0317	0.0317	0.0042	1.5831
PM	0.06469	0.06	0.0086	3.23
PM10	0.06210	0.06	0.0083	3.11

lbNOx/hr

$$=[E.F., g/bhp-hr][Rating, hp]$$

$$=[3.9 g/bhp-hr][2937 hp][1 lb/454 g]$$

$$=[25.42 lb/hr]$$

TIER 3 SCREENING RISK ASSESSMENT REPORT

A/N:
 Fac:

Application deemed complete date:

2. Tier 2 Data

MET Factor	1.00
4 hr	0.81
6 or 7 hrs	0.83

Dispersion Factors tables

2	For Chronic X/Q
6	For Acute X/Q

Dilution Factors (ug/m3)/(tons/yr)

Receptor	X/Q	X/Qmax
Residential	0.227049359	12.43095238
Commercial	0.227049359	12.43095238

Adjustment and Intake Factors

	AI-ann	DBR	EVF
Residential	1	302	0.96
Worker	1.2	149	0.38

Application deemed complete date: 11/27/12

A/N: []

TIER 3 RESULTS

5a. MICR

MICR = CP (mg/(kg-day)) * 1 * Q (ton/yr) * (X/Q) * AFann * MET * DBR * EVF * 1E-6 * MP

Compound	Residential	Commercial
Diesel PM from diesel-fueled internal combustion engine	4.34E-08	3.56E-08
Total	4.34E-08	3.56E-08
	PASS	PASS

No Cancer Burden, MICR < 1.0E-6

5b. Cancer Burden	NO
X/Q for one-in-a-million	
Distance (meter)	2773.11
Area (km2)	2.41E+01
Population	169,029
Cancer Burden:	7.34E-03

6. Hazard Index

HIA = [O(lb/hr) * (X/Q)max] * AF / Acute REL

HIC = [O(ton/yr) * (X/Q) * MET * MP] / Chronic REL

Target Organs	Acute	Chronic	Acute Pass/Fail	Chronic Pass/Fail
Alimentary system (liver) - AL			Pass	Pass
Bones and teeth - BN			Pass	Pass
Cardiovascular system - CV			Pass	Pass
Developmental - DEV			Pass	Pass
Endocrine system - END			Pass	Pass
Eye			Pass	Pass
Hematopoietic system - HEM			Pass	Pass
Immune system - IMM			Pass	Pass
Kidney - KID			Pass	Pass
Nervous system - NS			Pass	Pass
Reproductive system - REP			Pass	Pass
Respiratory system - RES		2.72E-05	Pass	Pass
Skin			Pass	Pass

AVN: 11/27/12

Application deemed complete date:

6a. Hazard Index Acute

$$HIA = [O(\text{lb/hr}) * (X/Q)\text{max}] * AF / \text{Acute REL}$$

Compound	AL	CV	DEV	EYE	HEM	IMM	NS	REP	RESP	SKIN
Diesel PM from diesel-fueled internal combustion engine										
Total										

Compound	HIA - Commercial									
	AL	CV	DEV	EYE	HEM	IMM	NS	REP	RESP	SKIN
Diesel PM from diesel-fueled internal combustion engine										
Total										

6b. Hazard Index Chronic

HIC = [C(ton/yr)] * (X/G) * MET * MF / Chronic REL

Compound	HIC - Residential												
	AL	BN	CV	DEV	FND	EYE	HEM	IMM	KID	NS	REP	RESP	SKIN
Diesel PM from diesel-fueled internal combustion engine												2.72E-05	
Total												2.72E-05	

6b. Hazard Index Chronic (cont.)

A/N:

Application deemed complete date:

11/27/12

Compound	HIC - Commercial										RESPIRATORY	SKIN	
	AL	BN	CV	DEV	END	EYE	HEM	IMM	KID	NS			REP
Diesel PM from diesel-fueled internal combustion engine												2.72E-05	
Total												2.72E-05	

Table A

Modeling emissions rate	0.126000	gr/sec
Modeling emissions rate	1.00	lb/hr
Modeling emissions rate	4.38	tons/yr
Max hr/day	24	hr/day
Day per week	7	dy/wk
Week per year	52	wk/yr

MODELING RESULTS -MAX ONE HOUR

Distance residence	51.00	meter
Max 1-hour Conc. Residence	12.420000	ug/m3
Annualized Conc. Residence	0.993600	ug/m3
Distance Commerical	51.00	meter
Max. 1-hour Conc. Commerical	12.420000	ug/m3
Annualized Conc. Commerical	0.993600	ug/m3

Annualized X/Q

X/Q Residential	0.227049359	(ug/m ³)/(tons/yr)
X/Q Commercial	0.227049359	(ug/m ³)/(tons/yr)

Max X/Q

X/Q Residential	12.43095238	(ug/m ³)/(lbs/hr)
X/Q Commercial	12.43095238	(ug/m ³)/(lbs/hr)

Table B (These values are needed to calculate cancer burden)

Distance	Interpolation								
	Residential			Industrial			X/Q for one-in-a-million		
	near	actual	far	near	actual	far	near	actual	far
X/Q - 1 hr conc ug/m ³	1500.00	51.00	2000.00	1500.00	51.00	2000.00	1500.00	2773.11	2000.00
X/Q Annualized (ug/m ³)/(tons/yr)	0.17	0.23	0.10	0.17	0.23	0.10	0.17		0.10

CONVERSION CALCULATOR FOR SCREEN MODELING INPUT (British to Metric Units)

SCREEN INPUT DATA - BRITISH UNITS

Actual exhausted rate	15293.00	acfm
Temperature	752.00	degree F
Stack diameter	12.00	in
Stack height	10.00	ft
Modeling emissions rate	1.00	lb/hr

SCREEN INPUT DATA - METRIC UNITS

Temperature	673.000	degrees K
Stack diameter	0.305	meter
Stack area	0.073	square meter
Stack height	3.048	meter
Stack velocity	98.967	m/s
Modeling emissions rate	0.12611	gr/s

*** TORRIN HEIGHT OF 0 M ABOVE STACK BASE USED FOR FOLLOWING DISTANCES ***

DIST (M)	CONC (UG/M ³ -3)	SIDR	D10H (M/S)	D5T5 (M/S)	MIX HT (M)	PLANE (M)	SIGMA Y (M)	SIGMA Z (M)	DOACH
25	3.073	4	20.0	20.0	6400.0	10.20	4.10	3.62	NO
100	8.299	4	10.0	10.0	2260.0	17.50	15.65	13.59	NO
200	4.733	4	5.0	5.0	1000.0	31.95	51.65	28.16	NO
300	3.330	4	3.5	3.5	1120.0	44.05	90.67	41.92	NO
400	4.013	6	1.0	1.0	10000.0	60.67	44.65	30.16	NO
500	4.676	6	1.0	1.0	10000.0	60.67	52.24	34.57	NO
600	4.994	6	1.0	1.0	10000.0	60.67	61.51	38.52	NO
700	4.824	6	1.0	1.0	10000.0	60.67	70.02	42.14	NO
800	4.863	6	1.0	1.0	10000.0	60.67	78.24	46.18	NO
900	4.833	6	1.0	1.0	10000.0	60.67	86.47	49.77	NO
1000	4.172	6	1.0	1.0	10000.0	60.67	94.51	53.21	NO

ITERATING TO FIND MAXIMUM CONCENTRATION

MAXIMUM 1-HR CONCENTRATION AT OR BEYOND 25 M:
 S1 12.42 4 20.0 20.0 6400.0 10.20 8.20 7.20 NO

USE DISCRETE DISTANCES? ENTER Y OR N:

No Cancer Burden: MICR < 1E-6

St. Cancer Burden	NO
KQ for one-in-a-million	
Distance (meters)	273.21
Area (km ²)	1.41E+04
Population	109,070
Cancer Burden	1.39E-01

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER DE-07-001-03

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code, Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code sections 39515 and 39616 and Executive Order G-02-003;

Relating to Verification under sections 2700 through 2710 of Title 13 of the California Code of Regulations

Rypos, Inc.
Hybrid Diesel Particulate Filter (HDPF/C)

The California Air Resources Board (ARB) staff has reviewed Rypos' request for verification of their hybrid active diesel particulate filter and diesel oxidation catalyst system (Rypos HDPF/C). Based on an evaluation of the data provided, and pursuant to the terms and conditions specified below, the Executive Officer of the ARB hereby finds that the Rypos HDPF/C reduces emissions of diesel particulate matter (PM) consistent with a Level 3 device (greater than or equal to 85 percent reduction) (Title 13 California Code of Regulations [CCR] sections 2702 [f] and [g] and section 2708) and complies with the ARB January 1, 2009, NO₂ limit (Title 13 California Code of Regulations [CCR] Appendix A section 2702 [f] and section 2706 [a]). Accordingly, the Executive Officer determines that the Rypos HDPF/C merits verification as a Level 3 Plus system for diesel engines on stationary emergency standby generators and emergency standby pumps, subject to the terms and conditions specified below.

This verification is subject to the following terms and conditions:

- The engine must be used in a stationary application associated with emergency standby generators or emergency standby pumps.
- The engine is greater than 50 hp and model year 1996 or newer, certified to nonroad diesel engine emission standards Tier 1, Tier 2, or Tier 3, and having the engine family names listed in Attachment 1.
- The engine must be a certified off-road engine with particulate matter (PM) emission levels less than or equal to 0.2 g/bhp-hr (as tested on an appropriate steady-state certification cycle outlined in the ARB off-road regulations – similar to ISO 8178 D2).
- The engine must be in its original certified configuration.
- The engine must not employ exhaust gas recirculation.
- The engine must not have a pre-existing oxidation catalyst.
- The engine must not have a pre-existing diesel particulate filter.
- The engine can be a two or four-stroke.
- The engine can be turbocharged or naturally-aspirated.
- The engine must be certified for use in California.

- Rypos must review actual operating conditions (duty cycle, baseline emissions, exhaust temperature profiles, and engine backpressure) prior to retrofitting an engine with the HDPF/C to ensure compatibility.
- The engine should be well maintained and not consume lubricating oil at a rate greater than that specified by the engine manufacturer.
- The other terms and conditions specified in Table 1 below:

Table 1: Summary of Conditions for the Rypos HDPF/C System	
Parameter	Value
PM Verification Level	Level 3 Plus: <ul style="list-style-type: none"> • PM - at least 85% reduction. • NO₂ - meets January 2009 limit.
Regeneration System	Active
Applications	Stationary Emergency Standby Generators or Pumps.
Engine Type	Diesel-fueled, with or without turbocharger, certified off-road engine with particulate matter (PM) emission levels less than or equal to 0.2 g/bhp-hr.
Engine Models	1996 or newer and listed in Attachment 1 to Executive Order DE-07-001-01.
Engine Horsepower	Greater than 50 hp.
Fuel	California diesel fuel with less than or equal to 15 ppm sulfur or a biodiesel blend provided that the biodiesel portion of the blend complies with ASTM D6751, the diesel portion of the blend complies with Title 13 (CCR), sections 2281 and 2282, and the blend contains no more than 20 percent biodiesel by volume.
Minimum Exhaust Temperature for Filter Regeneration	Not Applicable (NA). Active DPF.
Maximum consecutive minutes at idle	NA. Active DPF.
Number of Cold Start and 30 Minute Idle Sessions before Regeneration Required	NA. Active DPF.
Number of Hours of Operation Before Cleaning of Filter Required	Inspect every 1000 hours and clean if needed. Active DPF.

The Rypos HDPF/C consists of a filter housing, electrical control circuit, and filter cartridges made of sintered metal fibers, referred to as an active sintered metal diesel particulate filter, and a downstream diesel oxidation catalyst.

This Executive Order is valid provided that installation instructions for Rypos HDPF/C do not recommend tuning the engine to specifications different from those specified by the engine manufacturer.

No changes are permitted to the device unless approved by ARB. ARB must be notified in writing of any changes to any part of the Rypos HDPF/C and these changes must be evaluated and approved by ARB. Failure to report any changes shall invalidate this Executive Order.

Changes made to the design or operating conditions of Rypos HDPF/C which adversely affect the performance of the engine's pollution control system shall invalidate this Executive Order.

Marketing of the Rypos HDPF/C using identification other than that shown in this Executive Order or for an application other than that listed in this Executive Order shall be prohibited unless prior approval is obtained from ARB.

As specified in the Diesel Emission Control Strategy Verification Procedure (Title 13 CCR section 2706 [g]), ARB assigns each Diesel Emission Control Strategy a family name. The designated family name for the verification as outlined above is:

CA/RYP/2007/PM3+/N00/ST/DPF01

Additionally, as stated in the Diesel Emission Control Strategy Verification Procedure, Rypos, Inc., is responsible for honoring their warranty (section 2707) and conducting in-use compliance testing (section 2709).

In addition to the foregoing, ARB reserves the right in the future to review this Executive Order and the verification provided herein to assure that the verified system continues to meet the standards and procedures of California Code of Regulations, Title 13, section 2222, et seq and California Code of Regulations, Title 13, Sections 2700 through 2710.

Systems verified under this Executive Order shall conform to all applicable California emissions regulations.

Violation of any of the above conditions shall be grounds for revocation of this Executive Order.

Executive Order DE-07-001-02 is hereby superseded and is of no further force and effect.

Executed at Sacramento, California, this 2nd day of July 2012.

James N. Goldstene
Executive Officer
by:



Cynthia Marvin, Chief
Stationary Source Division

Attachment 1: ARB Approved Model Year 1996 to 2011 Engine Families for the Rypos HDPF/C.

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

**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 U S GOV'T, V A MEDICAL CENTER, WEST L A

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
254570	F50677	BOILER (>50 MMBTU/HR) NAT GAS ONLY
254571	F50678	BOILER (>50 MMBTU/HR) NAT GAS ONLY
254572	F50679	BOILER (>50 MMBTU/HR) NAT GAS ONLY
281443	D75579	I C E (>500 HP) EM ELEC GEN DIESEL
281444	D75580	I C E (>500 HP) EM ELEC GEN DIESEL
281453	D75635	I C E (>500 HP) EM ELEC GEN DIESEL
281454	D75007	I C E (50-500 HP) EM ELEC GEN-DIESEL
281455	D75008	I C E (50-500 HP) EM ELEC GEN-DIESEL
420104	F63724	I C E (50-500 HP) EM ELEC GEN-DIESEL
420105	F63725	I C E (50-500 HP) EM ELEC GEN-DIESEL
281484	D75302	I C E (50-500 HP) EM ELEC GEN-DIESEL
281485	D75303	I C E (50-500 HP) EM ELEC GEN-DIESEL
420107	F63726	I C E (50-500 HP) EM ELEC GEN-DIESEL
420108	F63727	I C E (50-500 HP) EM ELEC GEN-DIESEL
420112	F63728	I C E (50-500 HP) EM ELEC GEN-DIESEL
420114	F63729	I C E (50-500 HP) EM ELEC GEN-DIESEL
447861	N24763	STORAGE TANK GASOLINE
387371	F49028	I C E (>500 HP) EM ELEC GEN DIESEL
403866	F54754	I C E (>500 HP) EM ELEC GEN DIESEL
404383	F54742	I C E (50-500 HP) EM ELEC GEN-DIESEL
404384	F54744	I C E (50-500 HP) EM ELEC GEN-DIESEL
404385	F54743	I C E (50-500 HP) EM ELEC GEN-DIESEL
404387	F54745	I C E (50-500 HP) EM ELEC GEN-DIESEL
404389	F54750	I C E (50-500 HP) EM ELEC GEN-DIESEL
431892	F70241	I C E (50-500 HP) EM ELEC GEN-DIESEL
453545	F88831	I C E (>500 HP) EM ELEC GEN DIESEL
498101	G3670	I C E (50-500 HP) EM ELEC GEN-DIESEL
510599	G10036	I C E (>500 HP) EM ELEC GEN DIESEL
499326	N25851	GASOLINE STORAGE AND DISPENSING
513045	G9958	I C E (>500 HP) EM ELEC GEN DIESEL
516409	G13990	I C E (>500 HP) EM ELEC GEN DIESEL
517671	G	BOILER (>50 MMBTU/HR) NAT GAS/FUEL OIL
517675	G	BOILER (>50 MMBTU/HR) NAT GAS/FUEL OIL
517673	G	BOILER (>50 MMBTU/HR) NAT GAS/FUEL OIL
517672	G	AIR POLLUTION CONTROL SYSTEM
517674	G	AIR POLLUTION CONTROL SYSTEM
517676	G	AIR POLLUTION CONTROL SYSTEM
545921	G	I C E (>500 HP) EM ELEC GEN DIESEL

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

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
U S GOV'T, V A MEDICAL CENTER, WEST L A**

FACILITY WIDE CONDITION(S)

Condition(s):

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

2. THE OPERATOR SHALL NOT PURCHASE ANY DIESEL FUEL UNLESS THE FUEL IS LOW SULFUR DIESEL FOR WHICH THE SULFUR CONTENT SHALL NOT EXCEED 15 PPMV BY WEIGHT AS SUPPLIED BY THE SUPPLIER
[RULE 431.2, RULE 1470]

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit no. F50677
A/N 254570**

Equipment Description:

BOILER, NO. 2, WATER TUBE, BABCOCK AND WILCOX, MODEL FM-10-70, NATURAL GAS WITH FUEL OIL STANDBY FUEL, WITH ONE COMBUSTION LOW NOX BURNER, FABER, MODEL WB-1-22FGR, RATED AT 52,000,000 BTU PER HOUR AND A FULLY-MODULATED AUTOMATIC FORCED DRAFT FLUE GAS RECIRCULATION, WITH A 7 ½ H.P. FORCED DRAFT FAN.

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. AN INDICATOR SHALL BE INSTALLED AND MAINTAINED IN THE EXHAUST TO SHOW OXYGEN CONTENT IN THE EXHAUST GAS.
[RULE 1146]
5. THE AMOUNT OF FLUE GAS RECIRCULATED TO THE BURNER SHALL BE AUTOMATICALLY REGULATED BY THE COMBUSTION AIR AND FUEL TO THE BURNER.
[RULE 1146]
6. THE BOILER SHALL BE FIRED ON NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT OR MAINTENANCE TESTING UP TO 1500 GALLONS PER YEAR WITH NO. 2 FUEL OIL OR LIGHTER GRADE FUEL.
[RULE 1146]
7. THIS BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE, TOTALIZING FLOW METER FOR EACH FUEL TO BE BURNED.
[RULE 1146]
8. THE BOILER OPERATOR SHALL RECORD THE ANNUAL NATURAL GAS AND FUEL OIL USAGE. ALL RECORDS SHALL BE RETAINED FOR A PERIOD OF FIVE AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

9. THE OPERATOR OF THIS BOILER SHALL COMPLY WITH ANNUAL SOURCE TESTING REQUIREMENTS IN SUBDIVISION (d)--COMPLIANCE DETERMINATION OF RULE 1146.
10. OPERATOR SHALL INSTALL AND MAINTAIN AN CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) AS REQUIRED PER RULE 1146 (c)(8). THE CEMS SHALL COMPLY WITH RULE 218. [RULE 1146, RULE 218]

Periodic Monitoring:

11. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS COMBUSTED ONE MILLION GALLONS OF DIESEL 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)]
12. UNITS WITH AN ANNUAL OIL USAGE GREATER THAN 2,000,000 GALLONS IN ANY ONE YEAR THE OPERATOR SHALL CONDUCT SOURCE TESTING FOR PARTICULATE MATTER ONCE EVERY FIVE YEARS. 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.
- B. DATE WHEN SOURCE TEST FOR PARTICULATE MATTER WAS CONDUCTED.
[RULE 3004 (a)(4)]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

13. 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:

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

Emissions And Requirements:

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

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

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit no. F50678
A/N 254571**

Equipment Description:

BOILER, NO. 1, WATER TUBE, BABCOCK AND WILCOX, MODEL FM-10-70, NATURAL GAS WITH FUEL OIL STANDBY FUEL, WITH ONE COMBUSTION LOW NOX BURNER, FABER, MODEL WB-1-22FGR, RATED AT 52,000,000 BTU PER HOUR AND A FULLY-MODULATED AUTOMATIC FORCED DRAFT FLUE GAS RECIRCULATION, WITH A 7 ½ H.P. FORCED DRAFT FAN.

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. AN INDICATOR SHALL BE INSTALLED AND MAINTAINED IN THE EXHAUST TO SHOW OXYGEN CONTENT IN THE EXHAUST GAS.
[RULE 1146]
5. THE AMOUNT OF FLUE GAS RECIRCULATED TO THE BURNER SHALL BE AUTOMATICALLY REGULATED BY THE COMBUSTION AIR AND FUEL TO THE BURNER.
[RULE 1146]
6. THE BOILER SHALL BE FIRED ON NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT OR MAINTENANCE TESTING UP TO 1500 GALLONS PER YEAR WITH NO. 2 FUEL OIL OR LIGHTER GRADE FUEL.
[RULE 1146]
7. THIS BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE, TOTALIZING FLOW METER FOR EACH FUEL TO BE BURNED.
[RULE 1146]
8. THE BOILER OPERATOR SHALL RECORD THE ANNUAL NATURAL GAS AND FUEL OIL USAGE. ALL RECORDS SHALL BE RETAINED FOR A PERIOD OF FIVE AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

9. THE OPERATOR OF THIS BOILER SHALL COMPLY WITH ANNUAL SOURCE TESTING REQUIREMENTS IN SUBDIVISION (d)--COMPLIANCE DETERMINATION OF RULE 1146.
10. OPERATOR SHALL INSTALL AND MAINTAIN AN CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) AS REQUIRED PER RULE 1146 (c)(8). THE CEMS SHALL COMPLY WITH RULE 218. [RULE 1146, RULE 218]

Periodic Monitoring:

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

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

- E. STACK OR EMISSION POINT IDENTIFICATION;
 - F. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
 - G. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
 - H. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]
12. UNITS WITH AN ANNUAL OIL USAGE GREATER THAN 2,000,000 GALLONS IN ANY ONE YEAR THE OPERATOR SHALL CONDUCT SOURCE TESTING FOR PARTICULATE MATTER ONCE EVERY FIVE YEARS. 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:

- D. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.
- E. DATE WHEN SOURCE TEST FOR PARTICULATE MATTER WAS CONDUCTED.
[RULE 3004 (a)(4)]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

13. 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:

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

Emissions And Requirements:

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

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

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. F50679
A/N 254572**

Equipment Description:

BOILER NO. 4, WATER TUBE, BABCOCK AND WILCOX, MODEL FM-10-70, NATURAL GAS WITH FUEL OIL STANDBY FUEL, WITH ONE COMBUSTION LOW NOX BURNER, FABER, MODEL WB-1-22FGR, RATED AT 52,000,000 BTU PER HOUR AND A FULLY-MODULATED AUTOMATIC FORCED DRAFT FLUE GAS RECIRCULATION SYSTEM WITH A 7 1/2 HP FORCE DRAFT FAN.

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. AN INDICATOR SHALL BE INSTALLED AND MAINTAINED IN THE EXHAUST TO SHOW THE OXYGEN CONTENT IN THE EXHAUST GAS.
[RULE 1146]
5. THE AMOUNT OF FLUE GAS RECIRCULATED BACK TO THE BURNER SHALL BE AUTOMATICALLY REGULATED BY THE COMBUSTION AIR AND FUEL TO THE BURNER.
[RULE 1146]
6. THE BOILER SHALL BE FIRED ON NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT OR MAINTENANCE TESTING UP TO 1500 GALLONS PER YEAR WITH NO. 2 FUEL OIL OR LIGHTER GRADE FUEL.
[RULE 1146].
7. THIS BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE, TOTALIZING FLOW METER FOR EACH FUEL TO BE BURNED.
[RULE 1146]
8. THE BOILER OPERATOR SHALL RECORD THE ANNUAL NATURAL GAS AND FUEL OIL USAGE. ALL RECORDS SHALL BE RETAINED FOR A PERIOD OF FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

9. THE OPERATOR OF THIS BOILER SHALL COMPLY WITH ANNUAL SOURCE TESTING REQUIREMENTS IN SUBDIVISION (d)—COMPLIANCE DETERMINATION OF RULE 1146.
10. THE OPEATOR SHALL INSTALL AND MAINTAINE AN CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) AS REQUIRED PER RULE 1146 (c)(8). THE CEMS SHALL COMPLY WITH RULE 218. [RULE 1146, RULE 218]

Periodic Monitoring:

11. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS COMBUSTED ONE MILLION GALLONS OF DIESEL 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)]
12. UNITS WITH AN ANNUAL OIL USAGE GREATER THAN 2,000,000 GALLONS IN ANY ONE YEAR THE OPERATOR SHALL CONDUCT SOURCE TESTING FOR PARTICULATE MATTER ONCE EVERY FIVE YEARS. 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.
- B. DATE WHEN SOURCE TEST FOR PARTICULATE MATTER WAS CONDUCTED.
[RULE 3004 (a)(4)]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

13. 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:

14. 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

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. D75579
A/N 281443**

Equipment Description:

INTERNAL COMBUSTION ENGINE, GENERAL MOTORS, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. 16-645-E4, SERIAL NO. 75M1 1042, 16 CYLINDERS, TURBOCHARGED, INTERCOOLED, 3125 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1110.2, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]
7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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

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

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. D75580
A/N 281444**

Equipment Description:

INTERNAL COMBUSTION ENGINE, GENERAL MOTORS, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. 16-645-E4, SERIAL NO. 75M1 1061, 16 CYLINDERS, TURBOCHARGED, INTERCOOLED, 3125 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1110.2, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]
7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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

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

Emissions And Requirements:

- 8. 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 U S GOV'T, V A MEDICAL CENTER, WEST L A

PERMIT TO OPERATE

**Permit No. D75635
A/N 281453**

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. 3508STD, SERIAL NO. 23Z02148, 8 CYLINDERS, TURBOCHARGED, INTERCOOLED, 1027 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1110.2, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]
7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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

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

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. D75007
A/N 281454**

Equipment Description:

INTERNAL COMBUSTION ENGINE, ONAN, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. 150 OYDG-15R21965H, SERIAL NO. B800483596, 6 CYLINDERS, TURBOCHARGED, 225 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1110.2, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]
7. 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

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.

[RULE 431.2, RULE 1470]

9. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.

[RULE 1303 (a)(1)]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. D75008
A/N 281455**

Equipment Description:

INTERNAL COMBUSTION ENGINE, ONAN, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. 150 OYDG-15R21965H, SERIAL NO. B800483597, 6 CYLINDERS, TURBOCHARGED, 225 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1110.2, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]
7. 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

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.

[RULE 431.2, RULE 1470]

9. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.

[RULE 1303 (a)(1)]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. F63724
A/N 420104**

Equipment Description:

INTERNAL COMBUSTION ENGINE, WHITE, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. D3000T, SERIAL NO. 3428864 D3000TX210, 6 CYLINDERS, TURBOCHARGED, 100 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1110.2, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]
7. 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

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. F63725
A/N 420105**

Equipment Description:

INTERNAL COMBUSTION ENGINE, WHITE, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. D4800T, SERIAL NO. 4018882, 6 CYLINDERS, TURBOCHARGED, 175 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1110.2, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]
7. 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

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. D75302
A/N 281484**

Equipment Description:

INTERNAL COMBUSTION ENGINE, ONAN, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. 300-ODFS17R-9222A, SERIAL NO. K760 189 133, 6 CYLINDERS, TURBOCHARGED, 400 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1110.2, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]
7. 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

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

9. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)(1)]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. D75303
A/N 281485**

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. 6045 -C, SERIAL NO. 6A-59037, 6 CYLINDERS, TURBOCHARGED, 125 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1110.2, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]
7. 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

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.

[RULE 431.2, RULE 1470]

9. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.

RULE 1303 (a)(1)]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

PERMIT TO OPERATE

Permit No. F63726
A/N 420107

Equipment Description:

INTERNAL COMBUSTION ENGINE, PERKINS, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. SP-45-3-H, SERIAL NO. 1898, 6 CYLINDERS, TURBOCHARGED, 75 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1110.2, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]
7. 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

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

PERMIT TO OPERATE

Permit No. F63727
A/N 420108

Equipment Description:

INTERNAL COMBUSTION ENGINE, PERKINS, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. SP-45-3-H, SERIAL NO. 1893, 6 CYLINDERS, TURBOCHARGED, 75 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1110.2, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]
7. 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

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. F63728
A/N 420112**

Equipment Description:

INTERNAL COMBUSTION ENGINE, PERKINS, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. SP-45-3-H, SERIAL NO. 1894, 6 CYLINDERS, TURBOCHARGED, 75 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1110.2, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]
7. 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

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. F63729
A/N 420114**

Equipment Description:

INTERNAL COMBUSTION ENGINE, PERKINS, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. SP-45-3-H, SERIAL NO. 1896, 6 CYLINDERS, TURBOCHARGED, 75 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1110.2, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]
7. 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

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

8. 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
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. N24763
A/N 447861**

Equipment Description:

FUEL STORAGE AND DISPENSING FACILITY CONSISTING OF:

- 1) 1 - GASOLINE UNDERGROUND STORAGE TANK, 1,200-GALLON CAPACITY, EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM OPW (VR-102-E), 1 METHANOL COMPATIBLE.
- 2) 1 - GASOLINE DISPENSING NOZZLE, EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM, BALANCE RETRACTOR (G-70-52-AM).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS 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. ALL PERMIT CONDITIONS APPLICABLE TO THE EQUIPMENT DESCRIBED IN THE PREVIOUS PERMIT TO OPERATE N03046 SHALL REMAIN IN EFFECT UNTIL THE NEW OR MODIFIED EQUIPMENT IS CONSTRUCTED AND OPERATED AS DESCRIBED IN THIS NEW PERMIT. THIS PERMIT TO CONSTRUCT/OPERATE SHALL BECOME INVALID IF THE MODIFICATION AS DESCRIBED IN THE EQUIPMENT DESCRIPTION HAS NOT BEEN COMPLETED WITHIN ONE YEAR FROM THE ISSUE DATE. IF THE MODIFICATION HAS NOT BEEN COMPLETED WITHIN ONE YEAR FROM THE ISSUE DATE OF THE PERMIT, A WRITTEN REQUEST SHALL BE SUBMITTED TO THE AQMD (ATTENTION: RANDY MATSUYAMA) TO REINSTATE THE PREVIOUSLY INACTIVATED PERMIT TO OPERATE. A NEW APPLICATION SHALL BE FILED IF THERE ARE PLANS TO CONTINUE WITH THE MODIFICATION. FURTHERMORE, THIS CONDITION DOES NOT ALLOW ANY TIME EXTENSIONS TO ANY MODIFICATIONS REQUIRED BY THE CALIFORNIA AIR RESOURCES BOARD OR AQMD.
[RULE 461]
4. EXCEPT FOR DIESEL TRANSFERS, PHASE I VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO STORAGE TANKS.
[RULE 461]
5. EXCEPT FOR DIESEL TRANSFERS, PHASE II VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO MOTOR VEHICLES, AS DEFINED IN RULE 461.
[RULE 461]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

6. ALL PHASE I AND PHASE II VAPOR RECOVERY EQUIPMENT AT THIS FACILITY SHALL BE INSTALLED, OPERATED AND MAINTAINED TO MEET ALL CALIFORNIA AIR RESOURCES BOARD CERTIFICATION REQUIREMENTS.
[RULE 461]
7. AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO BACK-FILLING ANY UNDERGROUND STORAGE TANK OR PIPING, THE SCAQMD SHALL BE NOTIFIED BY E-MAIL AT R461BACKFILL@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTORS; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE BACK-FILLING PROCEDURE. THE BACK-FILLING PROCEDURE SHALL NOT COMMENCE UNTIL INSPECTED BY A DISTRICT REPRESENTATIVE.
[RULE 461]
8. WITHIN THIRTY DAYS (30) AFTER THE START OF OPERATION OF THE EQUIPMENT AND DEPENDING ON THE SYSTEM CONFIGURATION, EITHER A LEAK RATE TEST OF DROP TUBE/DRAIN VALVE ASSEMBLY SHALL BE CONDUCTED TO QUANTIFY THE PRESSURE INTEGRITY OF BOTH THE DROP TUBE AND DRAIN VALVE SEAL OR A LEAK RATE TEST OF DROP TUBE OVERFILL PREVENTION DEVICE AND DRAIN VALVE SHALL BE CONDUCTED TO QUANTIFY THE PRESSURE INTEGRITY OF THE DROP TUBE OVERFILL PREVENTION DEVICE AND THE PRESSURE INTEGRITY OF THE SPILL CONTAINER DRAIN VALVE. EITHER TEST SHALL BE CONDUCTED IN ACCORDANCE WITH TEST PROCEDURE METHOD TP-201.1C OR TP-201.1D, RESPECTIVELY. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
9. A LEAK RATE AND CRACKING PRESSURE TEST OF PRESSURE/VACUUM RELIEF VENT VALVES SHALL BE CONDUCTED WITHIN THIRTY DAYS (30) AFTER THE START OF OPERATION OF THE OPW PHASE I EVR EQUIPMENT AND AT LEAST ONCE EVERY THREE (3) YEARS THEREAFTER TO DETERMINE THE PRESSURE AND VACUUM AT WHICH THE PRESSURE/VACUUM VENT VALVE ACTUATES, AND TO DETERMINE THE VOLUMETRIC LEAK RATE AT A GIVEN PRESSURE. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROCEDURE METHOD TP-201.1E. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST. THIS TEST RESULT SHALL BE KEPT ON SITE FOR THREE (3) YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 461]
10. WITHIN THIRTY DAYS (30) AFTER THE START OF OPERATION OF THE EQUIPMENT, A STATIC TORQUE TEST OF ROTATABLE PHASE I ADAPTORS SHALL BE CONDUCTED TO QUANTIFY THE AMOUNT OF STATIC TORQUE REQUIRED TO START THE ROTATION OF THE ROTATABLE PHASE I ADAPTORS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROCEDURE METHOD OUTLINED IN TP-201.1B. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
11. THE PHASE II VAPOR RECOVERY SYSTEM SHALL BE INSTALLED, OPERATED, AND MAINTAINED SUCH THAT THE MAXIMUM ALLOWABLE PRESSURE THROUGH THE SYSTEM INCLUDING NOZZLE, VAPOR HOSE, SWIVELS, AND UNDERGROUND PIPING DOES NOT EXCEED

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THE DYNAMIC BACK PRESSURES DESCRIBED BY THE CALIFORNIA AIR RESOURCES BOARD EXECUTIVE ORDER BY WHICH THE SYSTEM WAS CERTIFIED:

NITROGEN FLOWRATES (CFH)	DYNAMIC BACK PRESSURE (INCHES OF WATER)
60	0.35
80	0.62

WITHIN THIRTY (30) DAYS AFTER THE START OF OPERATION OF THE EQUIPMENT, DYNAMIC BACK PRESSURE TESTS SHALL BE CONDUCTED TO DETERMINE THE PHASE II SYSTEM VAPOR RECOVERY BACK PRESSURES. THE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE TP-201.4, METHODOLOGY 1. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TESTS.

[RULE 461]

12. WITHIN THIRTY (30) DAYS AFTER THE START OF OPERATION OF THE EQUIPMENT, A STATIC PRESSURE LEAK DECAY TEST SHALL BE CONDUCTED TO DEMONSTRATE THAT THE STORAGE TANKS, THE REMOTE AND/OR NOZZLE VAPOR RECOVERY CHECK VALVES, ASSOCIATED VAPOR RETURN PIPING AND FITTINGS ARE FREE FROM VAPOR LEAKS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.3. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

[RULE 461]

13. IF THE CARB EXECUTIVE ORDER REQUIRES THE INSTALLATION OF A LIQUID REMOVAL DEVICE, A LIQUID REMOVAL RATE TEST SHALL BE CONDUCTED TO DEMONSTRATE THE REMOVAL OF GASOLINE FROM THE VAPOR PASSAGE OF THE COAXIAL HOSE. THE TEST SHALL BE CONDUCTED WITHIN THIRTY (30) DAYS AFTER THE START OF OPERATION OF THE EQUIPMENT AND IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.6. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

[RULE 461]

14. THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO ANY OF THE ABOVE MENTIONED TESTING REQUIREMENTS. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE TESTS TO BE PERFORMED.

[RULE 461]

15. THE TESTING FOR THE ABOVE MENTIONED TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE MOST RECENT RULE 461 AMENDMENT OR CARB EXECUTIVE ORDER REQUIREMENTS, WHICHEVER IS MORE STRINGENT.

[RULE 461]

16. ALL RECORDS AND TEST RESULTS THAT ARE REQUIRED TO BE MAINTAINED BY RULE 461 SHALL BE KEPT ON SITE FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

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[RULE 461]

17. THE TESTING FREQUENCY FOR THE ABOVE MENTIONED TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE MOST RECENT RULE 461 AMENDMENT OR CARB EXECUTIVE ORDER REQUIREMENTS, WHICHEVER IS MORE STRINGENT.
[RULE 461]
18. THE MAXIMUM QUANTITY OF GASOLINE DISPENSED FROM THE STORAGE TANKS AT THIS FACILITY SHALL NOT EXCEED 1250 GALLONS IN ANY ONE CALENDAR MONTH NOR 15000 GALLONS IN ANY ONE CALENDAR YEAR.
[RULE 1303 (b)(2), RULE 1401]
19. RECORDS OF MONTHLY AND ANNUAL FUEL RECEIVED SHALL BE PREPARED, SHALL BE RETAINED FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 1303 (b)(2), RULE 1401]

Periodic Monitoring:

20. THE OPERATOR SHALL HAVE A PERSON THAT HAS BEEN TRAINED IN ACCORDANCE WITH RULE 461(C)(6) CONDUCT A SEMI-ANNUAL INSPECTION OF THE GASOLINE TRANSFER AND DISPENSING EQUIPMENT. THE FIRST INSPECTION SHALL BE IN ACCORDANCE WITH RULE 461, ATTACHMENT C, THE SECOND INSPECTION SHALL BE IN ACCORDANCE WITH RULE 461, ATTACHMENT D, AND THE SUBSEQUENT INSPECTIONS SHALL ALTERNATE PROTOCOLS. THE OPERATOR SHALL KEEP RECORDS OF THE INSPECTION AND THE REPAIRS IN ACCORDANCE TO RULE 461 AND SECTION K OF THIS PERMIT.
[RULE 3004 (a)(4)]

Emissions And Requirements:

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

VOC: RULE 461
VOC: RULE 1170

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PERMIT TO OPERATE

**Permit No. F49028
A/N 387371**

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL QST30-G1, DIESEL FUEL, 12 CYLINDERS, TURBOCHARGED AND AFTERCOOLED, RATED AT 1135 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. 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, RULE 1470]
4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304 (a), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]

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7. 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 1304 (a), RULE 1110.2, RULE 1470]
8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. F54754
A/N 403866**

Equipment Description:

INTERNAL COMBUSTION ENGINE, GENERAC, MODEL 33.9DTA, DIESEL FUEL, 12 CYLINDERS, TURBOCHARGED AND AFTERCOOLED, RATED AT 1135 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. 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, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]

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7. 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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. F54742
A/N 404383**

Equipment Description:

INTERNAL COMBUSTION ENGINE, PORTABLE, ISUZU, MODEL 4BG1, DIESEL FUEL, 4 CYLINDERS, NATURALLY ASPIRATED, RATED AT 58 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. 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, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

7. 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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. F54744
A/N 404384**

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL 6BT5.9-G2, SERIAL NO. 45163883, DIESEL FUEL, TURBOCHARGED, RATED AT 166 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. 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, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

7. 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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. F54743
A/N 404385**

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL 6BT5.9-G2, SERIAL NO. 45159506, DIESEL FUEL, TURBOCHARGED, RATED AT 166 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. 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, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

7. 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 1304 (a), RULE 1110.2, RULE 1470]
8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. F54745
A/N 404387**

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL 6CTA8.3-G2, SERIAL NO. 45164903, DIESEL FUEL, SIX CYLINDERS. TURBOCHARGED AND AFTERCOOLED, RATED AT 277 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. 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, RULE 1470]
4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304 (a), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]

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7. 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 1304 (a), RULE 1110.2, RULE 1470]
8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. F54750
A/N 404389**

Equipment Description:

INTERNAL COMBUSTION ENGINE, PORTABLE, GENERAC, MODEL SD100, DIESEL FUEL, TURBOCHARGED AND AFTERCOOLED, RATED AT 150 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. 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, RULE 1470]
4. 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), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 30 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]

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7. 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 1304 (a), RULE 1110.2, RULE 1470]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. F70241
A/N 431892**

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL 6BTA5.9-G4, DIESEL FUEL, TURBOCHARGED AND AFTERCOOLED, RATED AT 170 B.H.P, DRIVING AN EMERGENCY ELECTRICAL STAND-BY GENERATOR

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. 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, RULE 1470]
4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304 (a), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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]

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U S GOV'T, V A MEDICAL CENTER, WEST L A**

7. 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 1304 (a), RULE 1110.2, RULE 1470]
8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO OPERATE

**Permit No. F88831
A/N 453545**

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL 3512C-DITA, DIESEL FUEL, 12 CYLINDERS, TURBOCHARGED AND AFTERCOOLED , RATED AT 2206 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. 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, RULE 1470]
4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304 (a), RULE 1110.2, RULE 1470]
5. THE OPERATION OF THE ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), RULE 1470]
6. 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.

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[RULE 1470]

7. 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 1304 (a), RULE 1110.2, RULE 1470]
8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO OPERATE

**Permit No. G3670
A/N 498101**

Equipment Description:

INTERNAL COMBUSTION ENGINE, JOHN DEERE, MODEL 6068HF485T, DIESEL FUEL, 6 CYLINDERS, TURBOCHARGED AND AFTERCOOLED , RATED AT 315 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2, RULE 1470 AND 1472.
[RULE 431.2, RULE 1470, RULE 1472]
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, RULE 1470]
5. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE CALENDER YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304 (a), RULE 1110.2, RULE 1470]
6. THIS ENGINE SHALL NOT OPERATE MORE THAN 4.2 HOURS IN ANY ONE CALENDER MONTH FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304 (b)(2)]
7. THE OPERATION OF THE ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A

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ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304 (a), 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]

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 1304 (a), RULE 1110.2, RULE 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

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PERMIT TO OPERATE

**Permit No. G10036
A/N 510599**

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL C-15, DIESEL FUEL, SIX CYLINDERS, TURBOCHARGED AND AFTERCOOLED, RATED AT 563 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2, RULE 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, RULE 1470]
5. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1304 (a), RULE 1303 (b)(2), RULE 1110.2, RULE 1470]
6. THE OPERATION OF THE ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 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

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

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

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

THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST

[RULE 1110.2, RULE 1303 (b)(2)]

Emissions And Requirements:

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

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PERMIT TO OPERATE

**Permit No. N25851
A/N 499326**

Equipment Description:

FUEL STORAGE AND DISPENSING FACILITY CONSISTING OF:

- 1) 1 - GASOLINE UNDERGROUND STORAGE TANK, 1,200-GALLON CAPACITY, EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM OPW (VR-102-E/J), 1 METHANOL COMPATIBLE.
- 2) 1 - GASOLINE BALANCE NOZZLE DISPENSING 1 PRODUCT EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM, VAPOR SYSTEMS TECHNOLOGIES, INC., PHASE II ENHANCED VAPOR RECOVERY (EVR) SYSTEM NOT INCLUDING IN-STATION DIAGNOSTICS (ISD) SYSTEM (VR-203-F).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS 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. ALL PERMIT CONDITIONS APPLICABLE TO THE EQUIPMENT DESCRIBED IN THE PREVIOUS PERMIT TO OPERATE N24763 SHALL REMAIN IN EFFECT UNTIL THE NEW OR MODIFIED EQUIPMENT IS CONSTRUCTED AND OPERATED AS DESCRIBED IN THIS NEW PERMIT. THIS PERMIT TO CONSTRUCT/OPERATE SHALL BECOME INVALID IF THE MODIFICATION AS DESCRIBED IN THE EQUIPMENT DESCRIPTION HAS NOT BEEN COMPLETED WITHIN ONE YEAR FROM THE ISSUE DATE. IF THE MODIFICATION HAS NOT BEEN COMPLETED WITHIN ONE YEAR FROM THE ISSUE DATE OF THE PERMIT, A WRITTEN REQUEST SHALL BE SUBMITTED TO THE AQMD (ATTENTION: RANDY MATSUYAMA) TO REINSTATE THE PREVIOUSLY INACTIVATED PERMIT TO OPERATE. A NEW APPLICATION SHALL BE FILED IF THERE ARE PLANS TO CONTINUE WITH THE MODIFICATION. FURTHERMORE, THIS CONDITION DOES NOT ALLOW ANY TIME EXTENSIONS TO ANY MODIFICATIONS REQUIRED BY THE CALIFORNIA AIR RESOURCES BOARD OR AQMD.
[RULE 461]
4. EXCEPT FOR DIESEL TRANSFERS, PHASE I VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO STORAGE TANKS.
[RULE 461]

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5. EXCEPT FOR DIESEL TRANSFERS, PHASE II VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO MOTOR VEHICLES, AS DEFINED IN RULE 461.
[RULE 461]
6. ALL PHASE I AND PHASE II VAPOR RECOVERY EQUIPMENT AT THIS FACILITY SHALL BE INSTALLED, OPERATED AND MAINTAINED TO MEET ALL CALIFORNIA AIR RESOURCES BOARD CERTIFICATION REQUIREMENTS.
[RULE 461]
7. THE DISTRICT AT ITS DISCRETION MAY WISH TO WITNESS THE INSTALLATION AND/OR PERFORMANCE TESTING OF THE VST PHASE II EVR SYSTEM NOT INCLUDING ISD SYSTEM. AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE INSTALLATION AND PERFORMANCE TESTING OF THE VST PHASE II EVR SYSTEM NOT INCLUDING ISD SYSTEM. THE APPLICANT SHALL NOTIFY THE AQMD AT TELEPHONE NUMBER (866)770-9140.
[RULE 461]
8. NEW EQUIPMENT INSTALLATIONS AND SUBSEQUENT SERVICE AND REPAIRS FOR ANY CERTIFIED COMPONENT FOR WHICH THIS PERMIT WAS ISSUED, SHALL ONLY BE PERFORMED BY A CURRENT AND CERTIFIED PERSON WHO HAS SUCCESSFULLY COMPLETED THE MANUFACTURER'S TRAINING COURSE AND APPROPRIATE INTERNATIONAL CODE COUNCIL (ICC) CERTIFICATION OR CARB EQUIVALENT TRAINING. COMPLETION OF ANY AQMD TRAINING COURSE DOES NOT CONSTITUTE AS A SUBSTITUTE FOR THIS REQUIREMENT. PROOF OF SUCCESSFUL COMPLETION OF ANY MANUFACTURER TRAINING COURSE SHALL BE WITH THE MANUFACTURER.
[RULE 461]
9. AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO BACK-FILLING ANY UNDERGROUND STORAGE TANK OR PIPING, THE SCAQMD SHALL BE NOTIFIED BY E-MAIL AT R461BACKFILL@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTORS; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE BACK-FILLING PROCEDURE. THE BACK-FILLING PROCEDURE SHALL NOT COMMENCE UNTIL INSPECTED BY A DISTRICT REPRESENTATIVE.
[RULE 461]
10. DEPENDING ON THE SYSTEM CONFIGURATION, EITHER A LEAK RATE TEST OF DROP TUBE/DRAIN VALVE ASSEMBLY SHALL BE CONDUCTED TO QUANTIFY THE PRESSURE INTEGRITY OF BOTH THE DROP TUBE AND DRAIN VALVE SEAL OR A LEAK RATE TEST OF DROP TUBE OVERFILL PREVENTION DEVICE AND DRAIN VALVE SHALL BE CONDUCTED TO QUANTIFY THE PRESSURE INTEGRITY OF THE DROP TUBE OVERFILL PREVENTION DEVICE AND THE PRESSURE INTEGRITY OF THE SPILL CONTAINER DRAIN VALVE. EITHER TEST SHALL BE CONDUCTED IN ACCORDANCE WITH TEST PROCEDURE METHOD TP-201.1C (OCTOBER 8, 2003) OR TP-201.1D (OCTOBER 8, 2003), RESPECTIVELY. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
11. A LEAK RATE AND CRACKING PRESSURE TEST OF PRESSURE/VACUUM RELIEF VENT VALVES SHALL BE CONDUCTED WITHIN THIRTY DAYS (30) AFTER THE START OF OPERATION OF THE

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PHASE I EVR EQUIPMENT AND AT LEAST ONCE EVERY THREE (3) YEARS THEREAFTER TO DETERMINE THE PRESSURE AND VACUUM AT WHICH THE PRESSURE/VACUUM VENT VALVE ACTUATES, AND TO DETERMINE THE VOLUMETRIC LEAK RATE AT A GIVEN PRESSURE. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROCEDURE METHOD TP-201.1E (OCTOBER 8, 2003). RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST. THIS TEST RESULT SHALL BE KEPT ON SITE FOR THREE (3) YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST
[RULE 461]

12. A STATIC TORQUE TEST OF ROTATABLE PHASE I ADAPTORS SHALL BE CONDUCTED TO QUANTIFY THE AMOUNT OF STATIC TORQUE REQUIRED TO START THE ROTATION OF THE ROTATABLE PHASE I ADAPTORS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROCEDURE METHOD OUTLINED IN TP-201.1B (OCTOBER 8, 2003) AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
13. THE PHASE II VAPOR RECOVERY SYSTEM SHALL BE INSTALLED, OPERATED, AND MAINTAINED SUCH THAT THE MAXIMUM ALLOWABLE PRESSURE THROUGH THE SYSTEM INCLUDING NOZZLE, VAPOR HOSE, SWIVELS, AND UNDERGROUND PIPING DOES NOT EXCEED THE DYNAMIC BACK PRESSURES DESCRIBED BY THE CALIFORNIA AIR RESOURCES BOARD EXECUTIVE ORDER BY WHICH THE SYSTEM WAS CERTIFIED:

NITROGEN FLOWRATES (CFH)	DYNAMIC BACK PRESSURE (INCHES OF WATER)
60	0.35
80	0.62

DYNAMIC BACK PRESSURE TESTS SHALL BE CONDUCTED TO DETERMINE THE PHASE II SYSTEM VAPOR RECOVERY BACK PRESSURES. THE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE TP-201.4, METHODOLOGY 1 (JULY 3, 2002); AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TESTS.
[RULE 461]

14. THE STATIC PRESSURE LEAK DECAY SHALL BE CONDUCTED TO DEMONSTRATE THAT THE STORAGE TANKS, THE REMOTE AND/OR NOZZLE VAPOR RECOVERY CHECK VALVES, ASSOCIATED VAPOR RETURN PIPING AND FITTINGS ARE FREE FROM VAPOR LEAKS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.3(MARCH 17, 1999) AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOUSS OF TEST.
[RULE 461]
15. THE STATIC PRESSURE LEAK DECAY TEST TP-201.3, SHALL BE CONDUCTED IN ACCORDANCE WITH THE MOST RECENT VERSION OF EXHIBIT 8 OF CARB EXECUTIVE ORDER VR-203-F. VERIFICATION OF COMPLETING EACH STEP AS OUTLINED SHALL BE DOCUMENTED BY

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SUBMITTING A COPY OF EXHIBIT 4 TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.

[RULE 461]

16. A LIQUID REMOVAL TEST SHALL BE CONDUCTED TO QUANTIFY THE REMOVAL RATE OF LIQUID FROM THE VAPOR PASSAGE OF A PHASE II BALANCE SYSTEM HOSE EQUIPPED WITH A LIQUID REMOVAL DEVICE. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST VERSION OF EXHIBIT 5 OF CARB EXECUTIVE ORDER VR-203-F, AS A PERFORMANCE TEST AND REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
17. IF A VCS ECS MEMBRANE PROCESSOR IS INSTALLED, A HYDROCARBON SENSOR VERIFICATION TEST SHALL BE CONDUCTED TO DETERMINE THE ACCURACY OF THE VST HYDROCARBON NON-DISPERSIVE INFRARED SENSOR USING KNOWN HYDROCARBON CONCENTRATIONS (PROPANE) CALIBRATION GASES AT GASOLINE DISPENSING FACILITIES. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST VERSION OF EXHIBIT 6 OF CARB EXECUTIVE ORDER VR-20-F, AS A PERFORMANCE TEST AND REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
18. A VAPOR PRESSURE SENSOR VERIFICATION TEST SHALL BE CONDUCTED TO DETERMINE THE PRESSURE MANAGEMENT CONTROL VAPOR PRESSURE SENSOR IS OPERATING IN ACCORDANCE WITH THE PRESSURE SENSOR REQUIREMENTS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST VERSION OF EXHIBIT 8 OF CARB EXECUTIVE ORDER VR-203-F, AS A PERFORMANCE TEST AND REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
19. IF A VCS ECS MEMBRANE PROCESSOR IS INSTALLED, A DETERMINATION OF VST PROCESSOR ACTIVATION PRESSURE TEST SHALL BE CONDUCTED TO DETERMINE COMPLIANCE WITH THE VST PROCESSOR ACTIVATION PRESSURE REQUIREMENT. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST VERSION OF EXHIBIT 9 OF CARB EXECUTIVE ORDER VR-203-F, AS A PERFORMANCE TEST AND REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
20. A NOZZLE BAG TEST SHALL BE CONDUCTED ON THE VST PHASE II EVR NOZZLES TO VERIFY THE INTEGRITY OF THE VAPOR VALVE. THE TEST SHALL BE CONDUCTED ON ANY NEWLY INSTALLED OR REPLACED VST PHASE II EVR NOZZLES AND IN ACCORDANCE WITH THE LATEST VERSION OF EXHIBIT 10 OF CARB EXECUTIVE ORDER VR-203-F. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
21. IF A VEEDER-ROOT VAPOR POLISHER IS INSTALLED, A VEEDER-ROOT VAPOR POLISHER OPERABILITY TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST VERSION OF

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ALL OF EXHIBIT 11 OF CARB EXECUTIVE ORDER VR-203-F. THE TEST SHALL BE CONDUCTED AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.

[RULE 461]

22. IF A VEEDER-ROOT VAPOR POLISHER IS INSTALLED, A VEEDER-ROOT VAPOR POLISHER HYDROCARBON EMISSIONS VERIFICATION TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST VERSION OF EXHIBIT 12 OF CARB EXECUTIVE ORDER VR-203-F TO VERIFY THE PROPER PERFORMANCE OF THE VEEDER-ROOT VAPOR POLISHER. THE TEST SHALL BE CONDUCTED AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
23. IF THE SECURITY SEAL TAG ON THE VAPOR POLISHER IS BROKEN OR MISSING, THE OWNER/OPERATOR SHALL PERFORM BOTH A VEEDER-ROOT VAPOR POLISHER OPERABILITY TEST (EXHIBIT 11), AND A VEEDER-ROOT VAPOR POLISHER HYDROCARBON EMISSIONS VERIFICATION TEST (EXHIBIT 12) WITHIN SEVEN (7) DAYS OF DISCOVERY, OR WHEN IT SHOULD BE REASONABLY KNOWN THAT SUCH SEAL IS MISSING OR BROKEN. WITHIN SEVEN (7) DAYS OF A REPORT OF A MISSING OR BROKEN SECURITY SEAL TAG, A NEW SECURITY SEAL TAG SHALL BE APPLIED TO THE VAPOR POLISHER ONLY BY A MANUFACTURER REPRESENTATIVE AND ONLY IMMEDIATELY AFTER PASSING THE ABOVE REQUIRED TESTS. A NEW SECURITY SEAL TAG SHALL NOT BE PLACED AND THE VAPOR POLISHER SHALL BE REPLACED WITH A NEW ONE IF THE VAPOR POLISHER FAILED ANY SUCH TESTS.
[RULE 461]
24. THE DYNAMIC BACK PRESSURE TESTS TP-201.4, SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST VERSION OF EXHIBIT 13 OF CARB EXECUTIVE ORDER VR-203-F. VERIFICATION OF COMPLETING EACH STEP AS OUTLINED SHALL BE DOCUMENTED BY SUBMITTING A COPY OF EXHIBIT 13 TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
25. UNLESS AQMD RULE 461 REQUIRES A MORE FREQUENT TESTING OR INSPECTION SCHEDULE, THE OWNER/OPERATOR SHALL BE RESPONSIBLE TO PERFORM THE SCHEDULED DAILY, AND ANNUAL INSPECTIONS AS OUTLINED IN THE ARB APPROVED INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR THE HEALY PHASE II EVR SYSTEMS. AS WELL AS ALL THE REQUIRED VAPOR RECOVERY SYSTEM TESTS AS PER THE CURRENT AND APPROPRIATE ARB EXECUTIVE ORDER.
[RULE 461]
26. A CARB CERTIFIED PHASE II ENHANCED VAPOR RECOVERY SYSTEM SHALL BE FULLY PERMITTED, INSTALLED, AND TESTED BY OCTOBER 1, 2008. FAILURE TO ACHIEVE THIS CONDITION BY OCTOBER 1, 2008, SHALL RESULT IN THE OWNER/OPERATOR TO FILE A DISTRICT APPROVED COMPLIANCE PLAN OUTLINING THE INCREMENTS OF PROGRESS TOWARDS COMPLETING THE INSTALLATION OF A CARB CERTIFIED PHASE II ENHANCED VAPOR RECOVERY SYSTEM BY APRIL 1, 2009.
[RULE 461]

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27. IF THE OWNER/OPERATOR PLANS TO PERMANENTLY CEASE ALL GASOLINE DISPENSING OPERATIONS BEFORE APRIL 1, 2009, A COMPLIANCE PLAN SHALL BE FILED DECLARING TO IRREVOCABLE SURRENDER THEIR PERMIT TO OPERATE.
[RULE 461]
28. IF THE VAPOR PROCESSOR UNIT IS NOT ACCESSIBLE FOR INSPECTION AND PERFORMING TESTS PURPOSES FROM GROUND LEVEL, THE OWNER/OPERATOR SHALL PROVIDE SAFE ACCESS, WHICH IS ON-SITE AND IMMEDIATELY AVAILABLE UPON REQUEST, TO THE VAPOR PROCESSOR UNIT. THE ACCESS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL INDUSTRY SAFETY ORDERS OF THE STATE OF CALIFORNIA OR IN COMPLIANCE WITH STANDARDS SPECIFIED BY THE DIVISION OF OCCUPATIONAL SAFETY AND HEALTH OF THE CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS (I.E. CAL/OSHA).
[RULE 461]
29. THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO ANY OF THE ABOVE MENTIONED TESTING REQUIREMENTS. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE TESTS TO BE PERFORMED.
[RULE 461]
30. THE TESTING FOR THE ABOVE MENTIONED TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE MOST RECENT RULE 461 AMENDMENT OR CARB EXECUTIVE ORDER REQUIREMENTS, WHICHEVER IS MORE STRINGENT.
[RULE 461]
31. SHOULD THE FACILITY DISPENSE MORE THAN 600,000 GALLONS OF GASOLINE PER CALENDAR YEAR AND IF THE FACILITY UNDERGOES A MAJOR MODIFICATION AS DEFINED IN CARB'S ADVISORY LETTER NUMBER 336, . THE OPERATOR SHALL IMMEDIATELY CEASE ALL GASOLINE DISPENSING OPERATIONS AND FILE AN APPLICATION FOR A NEW PERMIT TO CONSTRUCT/OPERATE TO INSTALL A CARB CERTIFIED ISD SYSTEM. GASOLINE DISPENSING OPERATIONS SHALL NOT RESUME UNTIL THE ISD SYSTEM HAS BEEN GRANTED A PERMIT TO CONSTRUCT/OPERATE AND HAS BEEN FULLY INSTALLED, TESTED, AND OPERATIVE.
[RULE 461]
32. SHOULD THE FACILITY DISPENSE MORE THAN 600,000 GALLONS OF GASOLINE IN ANY CALENDAR YEAR AND IF THE FACILITY DOES NOT UNDERGO A MAJOR MODIFICATION AS DEFINED BY CARB'S ADVISORY LETTER NUMBER 336, 'ENHANCED VAPRO RECOVERY IMPLEMENTATION UPDATE' DATED APRIL 15, 2005. THE OPERATOR SHALL FILE AN APPLICATION FOR A NEW PERMIT TO CONSTRUCT/OPERATE TO INSTALL A CARB CERTIFIED ISD SYSTEM. THE ISD SYSTEM SHALL BE FULLY INSTALLED, TESTED, AND OPERATIVE BASED ON THE FOLLOWING TABLE

GASOLINE THROUGHPUT PER CALENDAR YEAR

DATE

GREATER THAN 1.8 MILLION GALLONS
BETWEEN 600,000 AND 1.8 MILLION GALLONS

SEPTEMBER 1, 2009
SEPTEMBER 1, 2010

[RULE 461]

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33. ALL RECORDS AND TEST RESULTS THAT ARE REQUIRED TO BE MAINTAINED BY RULE 461 SHALL BE KEPT ON SITE FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 461]
34. THE MAXIMUM QUANTITY OF GASOLINE DISPENSED FROM THE STORAGE TANKS AT THIS FACILITY SHALL NOT EXCEED 1250 GALLONS IN ANY ONE CALENDAR MONTH NOR 15000 GALLONS IN ANY ONE CALENDAR YEAR.
[RULE 1303 (b)(2), RULE 1401]
35. RECORDS OF MONTHLY AND ANNUAL FUEL DISPENSED SHALL BE PREPARED, SHALL BE RETAINED ON SITE FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 431, RULE 1303 (b)(2), RULE 1401]

Periodic Monitoring:

36. THE OPERATOR SHALL HAVE A PERSON THAT HAS BEEN TRAINED IN ACCORDANCE WITH RULE 461(C)(6) CONDUCT A SEMI-ANNUAL INSPECTION OF THE GASOLINE TRANSFER AND DISPENSING EQUIPMENT. THE FIRST INSPECTION SHALL BE IN ACCORDANCE WITH RULE 461, ATTACHMENT C, THE SECOND INSPECTION SHALL BE IN ACCORDANCE WITH RULE 461, ATTACHMENT D, AND THE SUBSEQUENT INSPECTIONS SHALL ALTERNATE PROTOCOLS. THE OPERATOR SHALL KEEP RECORDS OF THE INSPECTION AND THE REPAIRS IN ACCORDANCE TO RULE 461 AND SECTION K OF THIS PERMIT.
[RULE 3004 (a)(4)]

Emissions And Requirements:

37. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 461
VOC: RULE 1170

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PERMIT TO OPERATE

**Permit No. G9958
A/N 513045**

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL 3512C-DITA, DIESEL FUEL, TWELVE CYLINDERS, TURBOCHARGED AND AFTERCOOLED, RATED AT 2206 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2, RULE 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, RULE 1470]
5. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1304 (a), RULE 1303 (b)(2), RULE 1110.2, RULE 1470]
6. THE OPERATION OF THE ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 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

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

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

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

THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST

[RULE 1110.2, RULE 1303 (b)(2)]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

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PERMIT TO OPERATE

**Permit No. G13990
A/N 516409**

Equipment Description:

INTERNAL COMBUSTION ENGINE, LOCATED AT BUILDING 304, CATERPILLAR, MODEL C9, DIESEL FUEL, SIX CYLINDERS, TURBOCHARGED AND AFTERCOOLED, RATED AT 374 B.H.P, WITH A DIESEL PARTICULATE FILTER, CLEAN AIR SYSTEMS, MODEL FCA225, AND A HIBACK DATA LOGGING AND ALARM SYSTEM, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.
[RULE 1470, RULE 431.2]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1110.2, RULE 1303 (a)]
5. OPERATING BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR MAINTENANCE AND TESTING PURPOSES SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1470]
6. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, RULE 1303 (b)(2), 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

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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 KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

EMERGENCY USE.
MAINTENANCE AND TESTING.
OTHER (DESCRIBE THE REASON FOR OPERATING).

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
[RULE 1303 (b)(2), RULE 1470]

9. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND

THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEAR AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.
[RULE 1303 (b)(2)]

10. THIS ENGINE SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE DIESEL PARTICULATE FILTER WHICH SHALL BE IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 1303 (a)]

11. THE OPERATOR SHALL NOT OPERATE THE DIESEL PARTICULATE FILTER SYSTEM WITHOUT AN OPERATIONAL HIBACK DATA LOGGING AND ALARM SYSTEM WHICH IS EQUIPPED WITH AN INLET TEMPERATURE GAUGE AND A BACKPRESSURE GAUGE.
[RULE 1303 (a)]

12. THE HIBACK DATA LOGGING AND ALARM SYSTEM SHALL BE PROGRAMMED TO INTERFACE WITH THE ENGINE CONTROL SYSTEM TO AUTOMATICALLY SHUTDOWN THE ENGINE OR SWITCH IT TO POWER DE-RATING MODE WHENEVER THE BACKPRESSURE OF THE DIESEL PARTICULATE FILTER SYSTEM EXCEEDS THE MAXIMUM BACKPRESSURE SETTING SPECIFIED BY THE FILTER MANUFACTURER.
[RULE 1303 (a)]

13. THIS ENGINE SHALL NOT BE OPERATED IN IDLE MODE FOR MORE THAN 240 CONSECUTIVE MINUTES.
[RULE 1303 (a)]

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14. THE TEMPERATURE OF THE ENGINE EXHAUST GAS AT THE INLET TO THE DIESEL PARTICULATE FILTER SYSTEM SHALL BE GREATER THAN OR EQUAL TO 300 DEGREES CELSIUS (572 DEGREES FAHRENHEIT EXCEPT DURING COLD ENGINE START-UP, NOT TO EXCEED 10 MINUTES).
[RULE 1303 (a)]
15. THE OPERATOR SHALL REGENERATE THE DIESEL PARTICULATE FILTER AFTER EVERY 24 COLD ENGINE START-UPS OR WHENEVER A "YELLOW" WARNING SIGNAL IS RECEIVED FROM THE HIBACK ALARM SYSTEM, WHICHEVER OCCURS FIRST. IN ORDER TO ACHIEVE FILTER REGENERATION, THE OPERATOR SHALL RUN THE ENGINE UNTIL THE EXHAUST TEMPERATURE EXCEEDS 572 DEGREES FAHRENHEIT AND THE BACKPRESSURE MONITORING SYSTEM INDICATES A NORMAL BACKPRESSURE READING.
[RULE 1303 (a)]
16. AFTER EVERY 5,000 HOURS OF NORMAL ENGINE OPERATION, THE OPERATOR SHALL INSPECT THE INTEGRITY OF THE FILTER AND, IF NECESSARY, REPLACE IT.
[RULE 1303 (a)]
17. THE OPERATOR SHALL KEEP RECORDS OF PARTICULATE FILTER INSPECTIONS, REPLACEMENTS AND MANUAL REGENERATIONS. THE OPERATOR SHALL MAINTAIN THESE RECORDS FOR A MINIMUM OF FIVE YEARS AND MAKE THEM AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303 (a)]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

PERMIT TO CONSTRUCT

Permit no.
A/N 517671

Equipment Description:

Modification of Existing Boiler 2, Permit No. F50677

BOILER, NO. 1, WATER TUBE, BABCOCK AND WILCOX, MODEL FM-10-70, NATURAL GAS WITH FUEL OIL STANDBY FUEL, WITH ONE COMBUSTION LOW NOX BURNER, FABER, MODEL WB-1-22FGR, RATED AT 52,000,000 BTU PER HOUR AND A FULLY-MODULATED AUTOMATIC FORCED DRAFT FLUE GAS RECIRCULATION, WITH A 7 ½ H.P. FORCED DRAFT FAN.

By venting to SCR APC system

Conditions

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT WHILE FIRING ONLY ON NATURAL GAS SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO CONSTRUCT BY THE EXECUTIVE OFFICER. THIS CONDITION DOES NOT APPLY DURING A COLD START NOT TO EXCEED 45 MINUTES.
[RULE 1146 AND RULE 429]
4. THIS EQUIPMENT SHALL COMPLY WITH RULE 1146.
[RULE 1146]
5. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH SOURCE TESTING REQUIREMENTS IN SUBDIVISION (d)(6)--COMPLIANCE DETERMINATION OF RULE 1146.
[RULE 1146]
6. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH PERIODIC MONITORING REQUIREMENTS OF RULE 1146 (c)(8).
[RULE 1146]
7. 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.
[RULE 1146]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

8. EFFECTIVE 1/1/2014 THIS BOILER SHALL EMIT NO MORE THAN 5 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]
9. EMISSIONS OF NOX SHALL NOT EXCEED 40 PPM REFERENCED AT 3% O₂ ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES WHENEVER THIS EQUIPMENT IS FIRED WITH OIL.
[RULE 1146]
10. EMISSIONS OF CO SHALL NOT EXCEED 400 PPM REFERENCED AT 3% O₂ ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1146]
11. AN INDICATOR SHALL BE INSTALLED AND MAINTAINED IN THE EXHAUST TO SHOW OXYGEN CONTENT IN THE EXHAUST GAS.
[RULE 1146]
12. THE AMOUNT OF FLUE GAS RECIRCULATED TO THE BURNER SHALL BE AUTOMATICALLY REGULATED BY THE COMBUSTION AIR AND FUEL TO THE BURNER.
[RULE 1146]
13. THE BOILER SHALL BE FIRED ON NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT OR MAINTENANCE TESTING UP TO 1500 GALLONS PER YEAR WITH NO. 2 FUEL OIL OR LIGHTER GRADE FUEL.
[RULE 1146]
14. 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 15 PPM SULFUR BY WEIGHT.
[RULE 431.2]
15. THIS BOILER SHALL BE EQUIPPED WITH A FUEL OIL NON-RESETTABLE, TOTALIZING FLOW METER.
[RULE 1146]
16. THE BOILER OPERATOR SHALL RECORD THE ANNUAL FUEL OIL USAGE. ALL RECORDS SHALL BE RETAINED FOR A PERIOD OF FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]
17. OPERATOR SHALL INSTALL AND MAINTAIN AN CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) AS REQUIRED PER RULE 1146 (c)(8). THE CEMS SHALL COMPLY WITH RULE 218.
[RULE 1146, RULE 218]

Periodic Monitoring:

18. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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)]

19. UNITS WITH AN ANNUAL OIL USAGE GREATER THAN 2,000,000 GALLONS IN ANY ONE YEAR THE OPERATOR SHALL CONDUCT SOURCE TESTING FOR PARTICULATE MATTER ONCE EVERY FIVE YEARS. 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.
- B. DATE WHEN SOURCE TEST FOR PARTICULATE MATTER WAS CONDUCTED.

[RULE 3004 (a)(4)]

20. 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:

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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

Emissions And Requirements:

21. 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 409
PM: 0.1 GR/SCF, RULE 409
CO: 400 PPMV, RULE 1146
NOX: 30 PPMV, RULE 1146 UNTIL DECEMBER 31, 2013
NOX: 5 PPMV, NATURAL GAS, RULE 1146 ON OR AFTER JANUARY 1, 2014
NOX: 40 PPMV FUEL OIL, RULE 1146

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO CONSTRUCT

**Permit no.
A/N 517675**

Equipment Description:

Modification of Existing Boiler 1, Permit No. F50678

BOILER, NO. 1, WATER TUBE, BABCOCK AND WILCOX, MODEL FM-10-70, NATURAL GAS WITH FUEL OIL STANDBY FUEL, WITH ONE COMBUSTION LOW NOX BURNER, FABER, MODEL WB-1-22FGR, RATED AT 52,000,000 BTU PER HOUR AND A FULLY-MODULATED AUTOMATIC FORCED DRAFT FLUE GAS RECIRCULATION, WITH A 7 ½ H.P. FORCED DRAFT FAN.

By venting to SCR APC system

Conditions

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT WHILE FIRING ONLY ON NATURAL GAS SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO CONSTRUCT BY THE EXECUTIVE OFFICER. THIS CONDITION DOES NOT APPLY DURING A COLD START NOT TO EXCEED 45 MINUTES.
[RULE 1146 AND RULE 429]
4. THIS EQUIPMENT SHALL COMPLY WITH RULE 1146.
[RULE 1146]
5. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH SOURCE TESTING REQUIREMENTS IN SUBDIVISION (d)(6)--COMPLIANCE DETERMINATION OF RULE 1146.
[RULE 1146]
6. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH PERIODIC MONITORING REQUIREMENTS OF RULE 1146 (c)(8).
[RULE 1146]
7. 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.
[RULE 1146]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

8. EFFECTIVE 1/1/2014 THIS BOILER SHALL EMIT NO MORE THAN 5 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]
9. EMISSIONS OF NOX SHALL NOT EXCEED 40 PPM REFERENCED AT 3% O2 ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES WHENEVER THIS EQUIPMENT IS FIRED WITH OIL.
[RULE 1146]
10. EMISSIONS OF CO SHALL NOT EXCEED 400 PPM REFERENCED AT 3% O2 ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1146]
11. AN INDICATOR SHALL BE INSTALLED AND MAINTAINED IN THE EXHAUST TO SHOW OXYGEN CONTENT IN THE EXHAUST GAS.
[RULE 1146]
12. THE AMOUNT OF FLUE GAS RECIRCULATED TO THE BURNER SHALL BE AUTOMATICALLY REGULATED BY THE COMBUSTION AIR AND FUEL TO THE BURNER.
[RULE 1146]
13. THE BOILER SHALL BE FIRED ON NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT OR MAINTENANCE TESTING UP TO 1500 GALLONS PER YEAR WITH NO. 2 FUEL OIL OR LIGHTER GRADE FUEL.
[RULE 1146]
14. 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 15 PPM SULFUR BY WEIGHT.
[RULE 431.2]
15. THIS BOILER SHALL BE EQUIPPED WITH A FUEL OIL NON-RESETTABLE, TOTALIZING FLOW METER.
[RULE 1146]
16. THE BOILER OPERATOR SHALL RECORD THE ANNUAL FUEL OIL USAGE. ALL RECORDS SHALL BE RETAINED FOR A PERIOD OF FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]
17. OPERATOR SHALL INSTALL AND MAINTAIN AN CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) AS REQUIRED PER RULE 1146 (c)(8). THE CEMS SHALL COMPLY WITH RULE 218.
[RULE 1146, RULE 218]

Periodic Monitoring:

18. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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)]

19. UNITS WITH AN ANNUAL OIL USAGE GREATER THAN 2,000,000 GALLONS IN ANY ONE YEAR THE OPERATOR SHALL CONDUCT SOURCE TESTING FOR PARTICULATE MATTER ONCE EVERY FIVE YEARS. 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.
- B. DATE WHEN SOURCE TEST FOR PARTICULATE MATTER WAS CONDUCTED.
[RULE 3004 (a)(4)]

20. 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:

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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

Emissions And Requirements:

21. 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 409
PM: 0.1 GR/SCF, RULE 409
CO: 400 PPMV, RULE 1146
NOX: 30 PPMV, RULE 1146 UNTIL DECEMBER 31, 2013
NOX: 5 PPMV, NATURAL GAS, RULE 1146 ON OR AFTER JANUARY 1, 2014
NOX: 40 PPMV FUEL OIL, RULE 1146

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO CONSTRUCT

**Permit no.
A/N 517673**

Equipment Description:

Modification of Existing Boiler 4, Permit No. F50679

BOILER, NO. 4, WATER TUBE, BABCOCK AND WILCOX, MODEL FM-10-70, NATURAL GAS WITH FUEL OIL STANDBY FUEL, WITH ONE COMBUSTION LOW NOX BURNER, FABER, MODEL WB-1-22FGR, RATED AT 52,000,000 BTU PER HOUR AND A FULLY-MODULATED AUTOMATIC FORCED DRAFT FLUE GAS RECIRCULATION, WITH A 7 ½ H.P. FORCED DRAFT FAN.

By venting to SCR APC system

Conditions

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT WHILE FIRING ONLY ON NATURAL GAS SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO CONSTRUCT BY THE EXECUTIVE OFFICER. THIS CONDITION DOES NOT APPLY DURING A COLD START NOT TO EXCEED 45 MINUTES.
[RULE 1146 AND RULE 429]
4. THIS EQUIPMENT SHALL COMPLY WITH RULE 1146.
[RULE 1146]
5. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH SOURCE TESTING REQUIREMENTS IN SUBDIVISION (d)(6)—COMPLIANCE DETERMINATION OF RULE 1146.
[RULE 1146]
6. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH PERIODIC MONITORING REQUIREMENTS OF RULE 1146 (c)(8).
[RULE 1146]
7. 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.
[RULE 1146]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

8. EFFECTIVE 1/1/2014 THIS BOILER SHALL EMIT NO MORE THAN 5 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]
9. EMISSIONS OF NOX SHALL NOT EXCEED 40 PPM REFERENCED AT 3% O₂ ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES WHENEVER THIS EQUIPMENT IS FIRED WITH OIL.
[RULE 1146]
10. EMISSIONS OF CO SHALL NOT EXCEED 400 PPM REFERENCED AT 3% O₂ ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1146]
11. AN INDICATOR SHALL BE INSTALLED AND MAINTAINED IN THE EXHAUST TO SHOW OXYGEN CONTENT IN THE EXHAUST GAS.
[RULE 1146]
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[RULE 1146]
13. THE BOILER SHALL BE FIRED ON NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT OR MAINTENANCE TESTING UP TO 1500 GALLONS PER YEAR WITH NO. 2 FUEL OIL OR LIGHTER GRADE FUEL.
[RULE 1146]
14. 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 15 PPM SULFUR BY WEIGHT.
[RULE 431.2]
15. THIS BOILER SHALL BE EQUIPPED WITH A FUEL OIL NON-RESETTABLE, TOTALIZING FLOW METER.
[RULE 1146]
16. THE BOILER OPERATOR SHALL RECORD THE FUEL OIL USAGE. ALL RECORDS SHALL BE RETAINED FOR A PERIOD OF FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]
17. OPERATOR SHALL INSTALL AND MAINTAIN AN CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) AS REQUIRED PER RULE 1146 (c)(8). THE CEMS SHALL COMPLY WITH RULE 218.
[RULE 1146, RULE 218]

Periodic Monitoring:

18. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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)]

19. UNITS WITH AN ANNUAL OIL USAGE GREATER THAN 2,000,000 GALLONS IN ANY ONE YEAR THE OPERATOR SHALL CONDUCT SOURCE TESTING FOR PARTICULATE MATTER ONCE EVERY FIVE YEARS. 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.
- B. DATE WHEN SOURCE TEST FOR PARTICULATE MATTER WAS CONDUCTED.
[RULE 3004 (a)(4)]

20. 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:

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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

Emissions And Requirements:

21. 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 409
PM: 0.1 GR/SCF, RULE 409
CO: 400 PPMV, RULE 1146
NOX: 30 PPMV, RULE 1146 UNTIL DECEMBER 31, 2013
NOX: 5 PPMV, NATURAL GAS, RULE 1146 ON OR AFTER JANUARY 1, 2014
NOX: 40 PPMV FUEL OIL, RULE 1146

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO CONSTRUCT

**Permit no.
A/N 517672**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM NO. 1 CONSISTING OF

1. SELECTIVE CATALYTIC REDUCTION, JOHNSON MATTHEY, MODEL SENOX, 4'-0" W. X 4'-0" L. X 8'-0' H., WITH A HONEYCOMB TYPE CATALYST BED, WITH ONE LAYER OF SCR BRICKS, 69 CUBIC FEET.
2. ANHYDROUS AMMONIA DOSING UNIT (FEED FORWARD), AMMONIA INJECTORS, A GAS MIXER, AND AUTOMATIC ANHYDROUS/NOX CONTROLLER , AN INTERCONNECTING ANHYDROUS AMMONIA STORAGE SYSTEM
3. ANHYDROUS STORAGE SYSTEM (COMMON) CONSISTING OF A MAXIMUM OF THREE GAS CYLINDERS LOCATED AT THIS FACILITY, EACH CONSISTING OF 150 POUNDS OF ANHYDROUS AMMONIA.
4. NOX CONTINUOUS EMISSIONS MONITOR (CEMS) MONITOR AT THE OUTLET OF THE EXHAUST STACK
5. EXHAUST SYSTEM VENTING ONE BOILER NO. 2.

Conditions

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THE NOX CONTINUOUS EMISSIONS MONITOR (CEMS) AND ANHYDROUS AMMOINIA FEED CONTROL SYSTEM SHALL BE IN FULL OPERATION WHENEVER THE SCR SYSTEM IS IN OPERATION.
[RULE 1146]
- 4) WHEN THE BOILER IS FIRED ON FUEL OIL THE ANHYDROUS AMMOINIA FEED CONTROL SYSTEM SHALL NOT BE IN OPERATION.
[RULE 1146]
- 5) THIS EQUIPMENT SHALL BE INSPECTED AND MAINTAINED PER MANUFACTURER'S SPECIFICATIONS. RECORDS SHALL BE MAINTAINED OF THE INSPECTIONS AND MAINTENANCE OF THIS EQUIPMENT. THE RECORDS SHALL BE KEPT FOR AT LEAST TWO YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

- 6) SAMPLING PORTS SHALL BE INSTALLED AT THE INLET AND OUTLET OF THE SELECTIVE CATALYTIC REDUCTION SYSTEM.
[RULE 1146]
- 7) THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE (DISPLAY READING SHALL BE READILY AVAILABLE) TO ACCURATELY INDICATE THE TEMPERATURE IN DEGREES FAHRENHEIT AT THE INLET OF THE SCR BED.
[RULE 1146]
- 8) THE ANHYDROUS AMMOINA INJECTION SYSTEM SHALL BE OPERATED WHENEVER THE SCR INLET TEMPERATURE IS ABOVE 350 DEGREES FAHRENHEIT.
[RULE 1146]
- 9). THE MAXIMUM INLET TEMPERATURE OF THE SCR BEAD SHALL NOT EXCEED 800 DEGREES FAHRENHEIT.
[RULE 1146]
- 10). THE INLET TEMPERATURE OF THE SCR BED SHALL BE MAINTAINED AT 350 DEGREES FAHRENHEIT OR GREATER.
[RULE 1146]
- 11) THE AMMONIA CONCENTRATION AT THE EXIT OF THE SCR UNIT SHALL NOT EXCEED 5 PPMV (NH₃) MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN OVER A 15 MINUTE AVERAGE CORRECTED TO 3% OXYGEN.
[RULE 1146]
- 12) NOX MONITOR (CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS)) SHALL BE INSTALLED AND MAINTAINED TO MEASURE THE NOX CONCENTRATION AT THE OUTLET OF THE SCR CATALYST. THE NOX CEMS SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURER'S RECOMENDATIONS. RECORDS OF ALL CALIBRATIONS AND MAINTENANCE SHALL BE KEPT FOR AT LEAST TWO YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]
- 13) THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE (DISPLAY READING SHALL BE READILY AVAILABLE) TO ACCURATELY INDICATE THE PRESSURE DROP ACROSS THE SCR. THE DISPLAY OF THE PRESSUE GAUGE SHALL BE IN ICHEs OF WATER COLUMN (W.C.)
[RULE 1146]
- 14). THE PRESSURE DROP ACROSS THE SCR BED SHALL NOT EXCEED THREE INCHES W.C.
[RULE 1146]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

- 15). ANHYDROUS AMMONIA SHALL ONLY BE USED FROM PRE-PACKAGED GAS CYLINDERS. THE AMOUNT OF ANHYDROUS AMMONIA CONTAINED IN AN INDIVIDUAL GAS CYLINDER SHALL NOT EXCEED 150 POUNDS. ANHYDROUS AMMONIA SHALL NOT BE TRANSFERRED OR STORED IN STORAGE TANKS AT THIS FACILITY. NO MORE THAN A TOTAL OF THREE 150 POUND GAS CYLINDERS OF ANHYDROUS AMMONIA SHALL BE ON SITE AT ANY ONE TIME (450 POUNDS TOTAL). THE OPERATOR SHALL KEEP RECORDS OF THE NUMBER OF GAS CYLINDERS STORED ON SITE AND TO INCLUDE INVOICES OF GAS DELIVERIES. ALL RECORDS SHALL BE RETAINED FOR A PERIOD OF FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[CA-CEQA]
- 16). 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 FOR A/N 517671.
 - C. THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1. FOR NOX AND CO.
 - D. THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 207.1 FOR AMMOINIA SLIP.
 - E. THE TEST SHALL BE CONDUCTED FOR 15 MINUTES EACH WHILE OPERATING AT MAXIMUM, MINIMUM AND MEDIUM FIRING RATES.
 - F. THE AMMONIA SLIP AT EACH LOAD.
 - G. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH AN AQMD APPROVED TEST PROTOCOL. THE PROTOCOL SHALL BE SUBMITTED TO THE AQMD ENGINEER NO LATER THAN 45 DAYS BEFORE THE PROPOSED TEST DATE AND SHALL BE APPROVED BY THE AQMD BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE BOILER DURING THE TESTS, THE IDENTITY OF THE TESTING LAB, A STATEMENT FROM THE TESTING LAB CERTIFYING THAT IT MEETS THE CRITERIA OF RULE 304, AND A DESCRIPTION OF ALL SAMPLING AND ANALYTICAL PROCEDURES. THE AQMD SHALL BE NOTIFIED ON THE DATE AND TIME OF THE TEST AT LEAST 10 DAYS PRIOR TO THE TEST.
 - H. TWO COMPLETE COPIES OF SOURCE TEST REPORTS (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
[RULE 1146]

Periodic Monitoring

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

- 17) THE AMMONIA SLIP SHOULD BE TESTED AT LEAST ONCE PER YEAR. THE AMMONIA SLIP TEST SHALL BE DONE USING AQMD APPROVED TEST METHODS, RECORDS OF THE AMMONIA SLIP TEST SHALL BE KEPT FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 3004 (a)(4)]

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO CONSTRUCT

**Permit no.
A/N 517674**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM NO. 2 CONSISTING OF

1. SELECTIVE CATALYTIC REDUCTION, JOHNSON MATTHEY, MODEL SINOX, 4'-0" W. X 4'-0" L. X 8'-0" H., WITH A HONEYCOMB TYPE CATALYST BED, WITH ONE LAYER OF SCR BRICKS, 69 CUBIC FEET.
2. ANHYDROUS AMMONIA DOSING UNIT (FEED FORWARD), AMMONIA INJECTORS, A GAS MIXER, AND AUTOMATIC ANHYDROUS/NOX CONTROLLER , AN INTERCONNECTING ANHYDROUS AMMONIA STORAGE SYSTEM
3. ANHYDROUS STORAGE SYSTEM (COMMON) CONSISTING OF A MAXIMUM OF THREE GAS CYLINDERS LOCATED AT THIS FACILITY, EACH CONSISTING OF 150 POUNDS OF ANHYDROUS AMMONIA.
4. NOX CONTINUOUS EMISSIONS MONITOR (CEMS) MONITOR AT THE OUTLET OF THE EXHAUST STACK
5. EXHAUST SYSTEM VENTING ONE BOILER NO. 1.

Conditions

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THE NOX CONTINUOUS EMISSIONS MONITOR (CEMS) AND ANHYDROUS AMMOINIA FEED CONTROL SYSTEM SHALL BE IN FULL OPERATION WHENEVER THE SCR SYSTEM IS IN OPERATION.
[RULE 1146]
- 4) WHEN THE BOILER IS FIRED ON FUEL OIL THE ANHYDROUS AMMOINIA FEED CONTROL SYSTEM SHALL NOT BE IN OPERATION.
[RULE 1146]
- 5) THIS EQUIPMENT SHALL BE INSPECTED AND MAINTAINED PER MANUFACTURER'S SPECIFICATIONS. RECORDS SHALL BE MAINTAINED OF THE INSPECTIONS AND MAINTENANCE OF THIS EQUIPMENT. THE RECORDS SHALL BE KEPT FOR AT LEAST TWO YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

- 6) SAMPLING PORTS SHALL BE INSTALLED AT THE INLET AND OUTLET OF THE SELECTIVE CATALYTIC REDUCTION SYSTEM.
[RULE 1146]
- 7) THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE (DISPLAY READING SHALL BE READILY AVAILABLE) TO ACCURATELY INDICATE THE TEMPERATURE IN DEGREES FAHRENHEIT AT THE INLET OF THE SCR BED.
[RULE 1146]
- 8) THE ANHYDROUS AMMOINA INJECTION SYSTEM SHALL BE OPERATED WHENEVER THE SCR INLET TEMPERATURE IS ABOVE 350 DEGREES FAHRENHEIT.
[RULE 1146]
- 9) THE MAXIMUM INLET TEMPERATURE OF THE SCR BEAD SHALL NOT EXCEED 800 DEGREES FAHRENHEIT.
[RULE 1146]
- 10) THE INLET TEMPERATURE OF THE SCR BED SHALL BE MAINTAINED AT 350 DEGREES FAHRENHEIT OR GREATER.
[RULE 1146]
- 11) THE AMMONIA CONCENTRATION AT THE EXIT OF THE SCR UNIT SHALL NOT EXCEED 5 PPMV (NH₃) MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN OVER A 15 MINUTE AVERAGE CORRECTED TO 3% OXYGEN.
[RULE 1146]
- 12) NOX MONITOR (CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS)) SHALL BE INSTALLED AND MAINTAINED TO MEASURE THE NOX CONCENTRATION AT THE OUTLET OF THE SCR CATALYST. THE NOX CEMS SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURER'S RECOMENDATIONS. RECORDS OF ALL CALIBRATIONS AND MAINTENANCE SHALL BE KEPT FOR AT LEAST TWO YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]
- 13) THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE (DISPLAY READING SHALL BE READILY AVAILABLE) TO ACCURATELY INDICATE THE PRESSURE DROP ACROSS THE SCR. THE DISPLAY OF THE PRESSUE GAUGE SHALL BE IN ICHESES OF WATER COLUMN (W.C.)
[RULE 1146]
- 14) THE PRESSURE DROP ACROSS THE SCR BED SHALL NOT EXCEED THREE INCHES W.C.
[RULE 1146]

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

- 15). ANHYDROUS AMMONIA SHALL ONLY BE USED FROM PRE-PACKAGED GAS CYLINDERS. THE AMOUNT OF ANHYDROUS AMMONIA CONTAINED IN AN INDIVIDUAL GAS CYLINDER SHALL NOT EXCEED 150 POUNDS. ANHYDROUS AMMONIA SHALL NOT BE TRANSFERRED OR STORED IN STORAGE TANKS AT THIS FACILITY. NO MORE THAN A TOTAL OF THREE 150 POUND GAS CYLINDERS OF ANHYDROUS AMMONIA SHALL BE ON SITE AT ANY ONE TIME (450 POUNDS TOTAL). THE OPERATOR SHALL KEEP RECORDS OF THE NUMBER OF GAS CYLINDERS STORED ON SITE AND TO INCLUDE INVOICES OF GAS DELIVERIES. ALL RECORDS SHALL BE RETAINED FOR A PERIOD OF FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[CA-CEQA]
- 16). 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 FOR A/N 517675.
 - C. THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1. FOR NOX AND CO.
 - D. THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 207.1 FOR AMMOINIA SLIP.
 - E. THE TEST SHALL BE CONDUCTED FOR 15 MINUTES EACH WHILE OPERATING AT MAXIMUM, MINIMUM AND MEDIUM FIRING RATES.
 - F. THE AMMONIA SLIP AT EACH LOAD.
 - G. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH AN AQMD APPROVED TEST PROTOCOL. THE PROTOCOL SHALL BE SUBMITTED TO THE AQMD ENGINEER NO LATER THAN 45 DAYS BEFORE THE PROPOSED TEST DATE AND SHALL BE APPROVED BY THE AQMD BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE BOILER DURING THE TESTS, THE IDENTITY OF THE TESTING LAB, A STATEMENT FROM THE TESTING LAB CERTIFYING THAT IT MEETS THE CRITERIA OF RULE 304, AND A DESCRIPTION OF ALL SAMPLING AND ANALYTICAL PROCEDURES. THE AQMD SHALL BE NOTIFIED ON THE DATE AND TIME OF THE TEST AT LEAST 10 DAYS PRIOR TO THE TEST.
 - H. TWO COMPLETE COPIES OF SOURCE TEST REPORTS (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
[RULE 1146]

Periodic Monitoring

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

- 17) THE AMMONIA SLIP SHOULD BE TESTED AT LEAST ONCE PER YEAR. THE AMMONIA SLIP TEST SHALL BE DONE USING AQMD APPROVED TEST METHODS, RECORDS OF THE AMMONIA SLIP TEST SHALL BE KEPT FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 3004 (a)(4)]

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO CONSTRUCT

**Permit no.
A/N 517673**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM NO. 3 CONSISTING OF

1. SELECTIVE CATALYTIC REDUCTION, JOHNSON MATTHEY, MODEL SINOX, 4'-0" W. X 4'-0" L. X 8'-0" H., WITH A HONEYCOMB TYPE CATALYST BED, WITH ONE LAYER OF SCR BRICKS, 69 CUBIC FEET.
2. ANHYDROUS AMMONIA DOSING UNIT (FEED FORWARD), AMMONIA INJECTORS, A GAS MIXER, AND AUTOMATIC ANHYDROUS/NOX CONTROLLER , AN INTERCONNECTING ANHYDROUS AMMONIA STORAGE SYSTEM
3. ANHYDROUS STORAGE SYSTEM (COMMON) CONSISTING OF A MAXIMUM OF THREE GAS CYLINDERS LOCATED AT THIS FACILITY, EACH CONSISTING OF 150 POUNDS OF ANHYDROUS AMMONIA.
4. NOX CONTINUOUS EMISSIONS MONITOR (CEMS) MONITOR AT THE OUTLET OF THE EXHAUST STACK
5. EXHAUST SYSTEM VENTING ONE BOILER NO. 4.

Conditions

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THE NOX CONTINUOUS EMISSIONS MONITOR (CEMS) AND ANHYDROUS AMMONIA FEED CONTROL SYSTEM SHALL BE IN FULL OPERATION WHENEVER THE SCR SYSTEM IS IN OPERATION.
[RULE 1146]
- 4) WHEN THE BOILER IS FIRED ON FUEL OIL THE ANHYDROUS AMMONIA FEED CONTROL SYSTEM SHALL NOT BE IN OPERATION.
[RULE 1146]
- 5) THIS EQUIPMENT SHALL BE INSPECTED AND MAINTAINED PER MANUFACTURER'S SPECIFICATIONS. RECORDS SHALL BE MAINTAINED OF THE INSPECTIONS AND MAINTENANCE OF THIS EQUIPMENT. THE RECORDS SHALL BE KEPT FOR AT LEAST TWO YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

- 6) SAMPLING PORTS SHALL BE INSTALLED AT THE INLET AND OUTLET OF THE SELECTIVE CATALYTIC REDUCTION SYSTEM.
[RULE 1146]
- 7) THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE (DISPLAY READING SHALL BE READILY AVAILABLE) TO ACCURATELY INDICATE THE TEMPERATURE IN DEGREES FAHRENHEIT AT THE INLET OF THE SCR BED.
[RULE 1146]
- 8) THE ANHYDROUS AMMONIA INJECTION SYSTEM SHALL BE OPERATED WHENEVER THE SCR INLET TEMPERATURE IS ABOVE 350 DEGREES FAHRENHEIT.
[RULE 1146]
- 9) THE MAXIMUM INLET TEMPERATURE OF THE SCR BEAD SHALL NOT EXCEED 800 DEGREES FAHRENHEIT.
[RULE 1146]
- 10) THE INLET TEMPERATURE OF THE SCR BED SHALL BE MAINTAINED AT 350 DEGREES FAHRENHEIT OR GREATER.
[RULE 1146]
- 11) THE AMMONIA CONCENTRATION AT THE EXIT OF THE SCR UNIT SHALL NOT EXCEED 5 PPMV (NH₃) MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN OVER A 15 MINUTE AVERAGE CORRECTED TO 3% OXYGEN.
[RULE 1146]
- 12) NOX MONITOR (CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS)) SHALL BE INSTALLED AND MAINTAINED TO MEASURE THE NOX CONCENTRATION AT THE OUTLET OF THE SCR CATALYST. THE NOX CEMS SHALL BE MAINTAINED AND OPERATED IN ACCORDANCE WITH MANUFACTURER'S RECOMENDATIONS. RECORDS OF ALL CALIBRATIONS AND MAINTENANCE SHALL BE KEPT FOR AT LEAST TWO YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]
- 13) THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE (DISPLAY READING SHALL BE READILY AVAILABLE) TO ACCURATELY INDICATE THE PRESSURE DROP ACROSS THE SCR. THE DISPLAY OF THE PRESSUE GAUGE SHALL BE IN INCHES OF WATER COLUMN (W.C.)
[RULE 1146]
- 14) THE PRESSURE DROP ACROSS THE SCR BED SHALL NOT EXCEED THREE INCHES W.C.
[RULE 1146]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

- 15). ANHYDROUS AMMONIA SHALL ONLY BE USED FROM PRE-PACKAGED GAS CYLINDERS. THE AMOUNT OF ANHYDROUS AMMONIA CONTAINED IN AN INDIVIDUAL GAS CYLINDER SHALL NOT EXCEED 150 POUNDS. ANHYDROUS AMMONIA SHALL NOT BE TRANSFERRED OR STORED IN STORAGE TANKS AT THIS FACILITY. NO MORE THAN A TOTAL OF THREE 150 POUND GAS CYLINDERS OF ANHYDROUS AMMONIA SHALL BE ON SITE AT ANY ONE TIME (450 POUNDS TOTAL). THE OPERATOR SHALL KEEP RECORDS OF THE NUMBER OF GAS CYLINDERS STORED ON SITE AND TO INCLUDE INVOICES OF GAS DELIVERIES. ALL RECORDS SHALL BE RETAINED FOR A PERIOD OF FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[CA-CEQA]
- 16). 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 FOR A/N 517673.
 - C. THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1. FOR NOX AND CO.
 - D. THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 207.1 FOR AMMOINIA SLIP.
 - E. THE TEST SHALL BE CONDUCTED FOR 15 MINUTES EACH WHILE OPERATING AT MAXIMUM, MINIMUM AND MEDIUM FIRING RATES.
 - F. THE AMMONIA SLIP AT EACH LOAD.
 - G. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH AN AQMD APPROVED TEST PROTOCOL. THE PROTOCOL SHALL BE SUBMITTED TO THE AQMD ENGINEER NO LATER THAN 45 DAYS BEFORE THE PROPOSED TEST DATE AND SHALL BE APPROVED BY THE AQMD BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE BOILER DURING THE TESTS, THE IDENTITY OF THE TESTING LAB, A STATEMENT FROM THE TESTING LAB CERTIFYING THAT IT MEETS THE CRITERIA OF RULE 304, AND A DESCRIPTION OF ALL SAMPLING AND ANALYTICAL PROCEDURES. THE AQMD SHALL BE NOTIFIED ON THE DATE AND TIME OF THE TEST AT LEAST 10 DAYS PRIOR TO THE TEST.
 - H. TWO COMPLETE COPIES OF SOURCE TEST REPORTS (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
[RULE 1146]

Periodic Monitoring

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

- 17) THE AMMONIA SLIP SHOULD BE TESTED AT LEAST ONCE PER YEAR. THE AMMONIA SLIP TEST SHALL BE DONE USING AQMD APPROVED TEST METHODS. RECORDS OF THE AMMONIA SLIP TEST SHALL BE KEPT FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 3004 (a)(4)]

**FACILITY PERMIT TO OPERATE
U S GOV'T, V A MEDICAL CENTER, WEST L A**

PERMIT TO CONSTRUCT/OPERATE

**Permit no. G
A/N 545921**

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL NO. 3516C, SERIAL NO. DD600156, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, RATED AT 2937 BHP, DRIVING AN EMERGENCY ELECTRICAL GENERATOR, WITH A DIESEL PARTICULATE FILTER, ACTIVE REGENERATION TYPE, RYPOS, MODEL HDPF/C ADPF-6, AND A BACKPRESSURE MONITOR.

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.
[204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[204]
3. THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.
[RULE 1470, RULE 431.2]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1110.2, RULE 1303 (a), RULE 1470, 40 CFR 60.421} (f)]
5. OPERATING BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR MAINTENANCE AND TESTING PURPOSES SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1470]
6. AN OPERATIONAL NON-RESETTING ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, RULE 1303 (b)(2), RULE 1470, 40 CFR 60.4209 (a)]

FACILITY PERMIT TO OPERATE U S GOV'T, V A MEDICAL CENTER, WEST L A

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 REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1470]
8. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
 - A. EMERGENCY USE.
 - B. MAINTENANCE AND TESTING.
 - C. OTHER (DESCRIBE THE REASON FOR OPERATING).
 - D. IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
[RULE 1303 (b)(2), RULE 1470, 40 CFR 60.4214 (b)]
9. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATIION LOG THE FOLLOWING:
 - A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
 - B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.
 - C. THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.
[RULE 1303 (b)(2)]
10. THIS ENGINE SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE DIESEL PARTICULATE FILTER WHICH SHALL BE IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 1303 (a)]
11. THE OPERATOR SHALL NOT OPERATE THE DIESEL PARTICULATE FILTER SYSTEM WITHOUT AN ELECTRONIC CONTROL MODULE AND OPERATIONAL DISPLAY OF EXHAUST, BACKPRESSURE AND ALARM SYSTEM.
[RULE 1303 (a), RULE 1470]
12. THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE (DISPLAY READING SHALL BE READILY AVAILABLE) TO ACCURATELY INDICATE THE BACK PRESSURE OF THE ENGINE (ELECTRONIC DISPLAY IS ACCEPTABLE). THE DISPLAY OF THE PRESSURE GAUGE SHALL BE IN INCHES OF WATER COLUMN (W.C.) OR INCHES MERCURY (IN. HG).
[RULE 1303 (a), RULE 1470, 40 CFR 60.4209 (b)]
13. THE MAXIMUM BACK PRESSURE OF THE ENGINE SHALL NOT EXCEED 27 INCHES W.C.
[RULE 1303 (a)]

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14. THE DIESEL PARTICULATE FILTER (DPF) REGENERATION SHALL BE STARTED AUTOMATICALLY WHEN THE PRESSURE DROP ACROSS THE DIESEL PARTICULATE FILTER EXCEED THE VALUES DETERMINED BY THE CONTROL MODULE
[RULE 1303 (a)]
15. THE OPERATOR SHALL KEEP RECORDS OF PARTICULATE FILTER INSPECTIONS, REPLACEMENTS AND MANUAL REGENERATIONS. THE OPERATOR SHALL MAINTAIN THESE RECORDS FOR A MINIMUM OF FIVE YEARS AND MAKE THEM AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303 (a)]
16. THE NUMBER OF HOURS OF OPERATION BEFORE INSPECTION OF THE DIESEL PARTICULATE FILTER IS REQUIRED IS 1,000 HOURS AND CLEANED IF NEEDED. THE VALVES USED DURING FILTER REGENERATION SHOULD BE INSPECTED FOR LEAKS PER MANUFACTURERS RECOMMENDATIONS.
[RULE 1303 (a)]
17. SULFUR CONTENT OF DIESEL FUEL SUPPLIED TO THE ENGINE SHALL NOT EXCEED 15 PPM BY WEIGHT.
[RULE 1303 (a), RULE 431.2, 40 CFR 60.4207 (b)]
18. THE OPERATOR SHALL KEEP RECORDS OF ANY CORRECTIVE ACTION TAKEN AFTER THE BACKPRESSURE MONITOR HAS NOTIFIED THE OPERATOR THAT THE BACKPRESSURE LIMIT OF THE ENGINE IS APPROACHED
[40 CFR 60.4214 (c)]
19. THE OPERATOR SHALL COMPLY WITH THE EMISSION STANDARDS SPECIFIED IN 40 CFR 60.4205(b) BY PURCHASING AN ENGINE CERTIFIED TO THE EMISSION STANDARDS IN 40 CFR 60.4205(b), AS APPLICABLE, FOR THE SAME MODEL YEAR AND MAXIMUM ENGINE POWER. THE ENGINE MUST BE INSTALLED AND CONFIGURED ACCORDING TO THE MANUFACTURER'S EMISSION RELATED SPECIFICATIONS.
[40 CFR 60.4211(c)]
20. THE OPERATOR SHALL OPERATE AND MAINTAIN THE STATIONARY ENGINE AND CONTROL DEVICE ACCORDING TO THE MANUFACTURER'S WRITTEN EMISSION-RELATED INSTRUCTIONS (OR PROCEDURES DEVELOPED BY THE OPERATOR THAT ARE APPROVED BY THE ENGINE MANUFACTURER), CHANGE ONLY THOSE EMISSION-RELATED SETTINGS THAT ARE PERMITTED BY THE MANUFACTURER, AND MEET THE REQUIREMENTS OF 40 CFR 89, 94 AND/OR 1068, AS THEY APPLY.
[40 CFR 60.4211(a)]

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21. REMOVAL OF THE DIESEL PARTICULATE FILTER'S FILTER MEDIA FOR CLEANING MAY ONLY OCCUR UNDER THE FOLLOWING CONDITIONS:
- A. THE INTERNAL COMBUSTION ENGINE SHALL NOT BE OPERATED FOR MAINTENANCE AND TESTING OR ANY OTHER NON-EMERGENCY USE WHILE THE DIESEL PARTICULATE FILTER MEDIA IS REMOVED; AND
 - B. THE DIESEL PARTICULATE FILTER'S FILTER MEDIA SHALL BE RETURNED AND RE-INSTALLED WITHIN 10 WORKING DAYS FROM THE DATE OF REMOVAL; AND
 - C. THE OWNER OR OPERATOR SHALL MAINTAIN RECORDS INDICATING THE DATE(S) THE DIESEL PARTICULATE FILTER'S FILTER MEDIA WAS REMOVED FOR CLEANING AND THE DATE(S) THE FILTER MEDIA WAS RE-INSTALLED. RECORDS SHALL BE RETAINED FOR A MINIMUM PERIOD OF FIVE YEARS.
[Rule 1470]

Emissions And Requirements:

22. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- | | |
|-----------------------|--|
| PM: | RULE 404, SEE APPENDIX B FOR EMISSION LIMITS |
| PM: | 0.15 G/BHP-HR, RULE 1470 |
| NO _x +VOC: | 4.8 G/BHP-HR, RULE 1303 (a), 40 CFR 60.4205 (b) |
| CO: | 2.6 G/BHP-HR, RULE 1303 (a), 40 CFR 60.4205 (b) |
| PM | 0.15 G/BHP-HR, RULE 1303 (a), 40 CFR 60.4205 (b) |

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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

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, REFRIGERANT/RECOVERY

Emissions And Requirements:

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

REFRIGERANT:	RULE 1415
REFRIGERANT:	40 CFR82 SUBPART F