


**BAY AREA AIR QUALITY
MANAGEMENT DISTRICT**

939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

PERMIT TO OPERATE

Plant# 723

Page: 1

Expires: JUL 1, 2017

This document does not permit the holder to violate any District regulation or other law.

Lawrence Berkeley National Laboratory
One Cyclotron Rd, Mailstop 75R0123
Berkeley, CA 94720

Location: One Cyclotron Road
Berkeley, CA 94720

S#	DESCRIPTION	[Schedule]	PAID
96	Spray booth, Electrostatic (air-atomized), 0 gal/yr solvent PAINT SPRAY BOOTH, AIR FILTERS Abated by: A96 Dry Filter Emissions at: P96 Stack	[E]	445
97	Misc CHEM, Sand abrasive, .01 tons/hr max SANDBLAST SHOP (Bldg 77, Rm 165A) Abated by: A97 Baghouse, Shaking Emissions at: P97 Stack	[F]	374
104	Dryer, Electric Drying Oven Emissions at: P104 Stack	[exempt]	0
124	Misc CHEM, Sulfur Hexafluoride, .75 pounds/hr max Sulfur Hexafluoride Chamber Abated by: A124 Vapor Recovery Emissions at: P124 Stack	[exempt]	0
188	Solvent cleaning, 132.6 gal/yr net solvent, 59 deg F Facility-wide Wipe Cleaning	[E]	445
190	CHEM> Contaminated soil remediation, Contaminated soil vapor Soil Vapor Extraction System (Bldg 53 & Bldg 58) Abated by: A190 Adsorption, Activated Carbon/Charcoal Emissions at: P190 Stack	[G1]	1673

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S#	DESCRIPTION	[Schedule]	PAID
191	Standby Diesel engine, 2614 hp, EPA# 4CEXL060.ABA, Cummins Standby Generator, Cummins 2000DQKC 2-MW Abated by: A191 Diesel Oxidation Catalyst Emissions at: P191 Stack	[B]	626
193	Standby Diesel engine, 380 hp, EPA# YCEXL0661AAA, Cummins Diesel Standby Emergency Generator w/ Catalytic Convert Abated by: A196 Diesel Oxidation Catalyst Emissions at: P193 Stack	[B]	257
194	Standby Diesel engine, 277 hp, Cummins S/N 44292210, 504 cu in Diesel Standby Emergency Generator 150DGFA Emissions at: P194 Stack	[B]	234
200	Standby Diesel engine, 375 hp, Cummins S/N 34908012, 661 cu in Emergency Standby Diesel Generator Set Abated by: A200 Catalyzed Diesel Particulate Filter Emissions at: P200 Stack	[B]	234
201	Standby Diesel engine, 277 hp, Cummins S/N 45268828, 504 cu in Diesel Engine, Onan 175DGFB emergency standby Emissions at: P222 Stack	[B]	234
202	Standby Diesel engine, 360 hp, Cummins S/N 11351274, 855 cu in Diesel Engine, Onan 275 DFCB, emergency standby Emissions at: P223 Stack	[B]	257
205	Standby Diesel engine, 465 hp, Cummins S/N 11421930, 855 cu in Diesel Engine, Cummins 300 DFCB, emergency standby Emissions at: P225 Stack	[B]	257
206	Standby Diesel engine, 400 hp, Detroit Diesel S/N 6VF172884 Diesel Engine, Detroit Allis model 6V92GDAB, emergency standby Emissions at: P226 Stack	[B]	257
207	Standby Diesel engine, 380 hp, Cummins S/N 34916450, 611 cu in Emergency Standby Diesel Generator Set Abated by: A207 Catalyzed Diesel Particulate Filter	[B]	234

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S#	DESCRIPTION	[Schedule]	PAID
209	Standby Diesel engine, 140 hp, Cummins S/N 44710359, 359 cu in Diesel Engine, Onan 80 DGDA emergency standby Emissions at: P229 Stack	[B]	234
210	Portable Standby Diesel engine, 277 hp, Cummins S/N 45040448 Diesel Engine, emergency standby Emissions at: P230 Stack	[B]	234
211	Portable Standby Diesel engine, 140 hp, Cummins S/N 44322167 Diesel Engine, emergency standby Emissions at: P231 Stack	[B]	234
212	Standby Diesel engine, 207 hp, Cummins S/N 45093294, 505 cu in Diesel Engine, Onan 125DGEA, emergency standby Emissions at: P232 Stack	[B]	234
213	Standby Diesel engine, 207 hp, Cummins S/N 45171009, 505 cu in Emergency Standby Diesel Generator Set Abated by: A213 Catalyzed Diesel Particulate Filter	[B]	234
214	Standby Diesel engine, 271 hp, Cummins S/N 45866240, 505 cu in Diesel Engine, Cummins 175DGFB, emergency standby Emissions at: P234 Stack	[B]	257
215	Standby Diesel engine, 360 hp, Detroit Diesel, 552 cu in Diesel Engine, Detroit Allis model 6V92TA, emergency standby	[B]	257
216	Standby Diesel engine, 535 hp, Cummins S/N 11775077, 855 cu in Diesel Engine, Cummins 350DFCC, emergency standby Emissions at: P235 Stack	[B]	257
218	Standby Diesel engine, 750 hp, Cummins S/N 25217754 Diesel Engine, Cummins 600DFGB, emergency standby Emissions at: P237 Stack	[B]	259
219	Standby Diesel engine, 395 hp, EPA# 2CEXL0661AAD, Cummins Diesel Standby Emergency Generator w/Catalytic Convtrr Abated by: A219 Diesel Oxidation Catalyst Emissions at: P219 Stack	[B]	257

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S#	DESCRIPTION	[Schedule]	PAID
220	Standby Diesel engine, 602 hp, Kohler Model, 740 cu in KohlerModel400RE0ZV, 350kW Gene w/EnviCat Diesel Filter Abated by: A220 Catalyzed Diesel Particulate Filter Emissions at: P220 Stack	[B]	234
221	Standby Diesel engine, 230 hp, EPA# 8PKXL06.6PJ1 Emergency Standby Generator Emissions at: P2 Stack	[B]	234
222	Standby Diesel engine, 755 hp, EPA# 9CEXL015.AAJ, Cummins Standby Emergency Diesel Generator Set Emissions at: P238 Stack	[B]	257
223	Standby Diesel engine, 755 hp, EPA# BCEXL015.AAJ, Cummins Emergency Standby Diesel Generator Set Emissions at: P239 Stack	[B]	234
224	Standby Diesel engine, 538 hp, EPA# CJDXL13.5103, John Deere Emergency Standby Diesel Generator Set Abated by: A224 Catalyzed Diesel Particulate Filter Emissions at: P240 Stack	[B]	234
225	Standby Diesel engine, 2328 hp, EPA# CMDDL95.4XTR, Detroit Emergency Standby Diesel Generator Set (Bldg 59) Abated by: A225 Catalyzed Diesel Particulate Filter Emissions at: P241 Stack	[B]	447
226	Portable Standby Diesel engine, 314 hp, 409 cu in Portable Emergency Standby Diesel Generator Engine Emissions at: P3 Stack	[B]	234
227	Standby Diesel engine, 314 hp, EPA# ECEXL06.7AAL, Cummins Portable Emergency Standby Diesel Engine-Generator Set Emissions at: P6 Stack	[B, 193 days]	124
228	Industrial Boiler - Other, 2700K BTU/hr max, Natural gas Boiler	[R]	84
229	Industrial Boiler - Other, 4200K BTU/hr max, Natural gas Boiler	[R]	84

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S#	DESCRIPTION	[Schedule]	PAID
230	Industrial Boiler - Other, 2400K BTU/hr max, Natural gas Boiler	[R]	84
231	Industrial Boiler - Other, 2200K BTU/hr max, Natural gas Boiler	[R]	84
232	Industrial Boiler - Other, 2400K BTU/hr max, Natural gas Boiler	[R]	84
233	Industrial Boiler - Other, 2400K BTU/hr max, Natural gas Boiler	[R]	84
234	Industrial Boiler - Other, 4200K BTU/hr max, Natural gas Boiler	[R]	84

31 Permitted Sources, 7 Registered Sources, Exempt Sources

*** See attached Permit Conditions ***

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07/22/16

A0723



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*** PERMIT CONDITIONS ***

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Source# 188	subject to Condition	ID# 13887
Source# 190	subject to Condition	ID# 16752
Source# 191	subject to Condition	ID# 22850
Source# 193	" " "	ID# 22850
Source# 194	" " "	ID# 22850
Source# 200	subject to Condition	ID# 24187 and 22850
Source# 201	subject to Condition	ID# 22830
Source# 202	" " "	ID# 22830
Source# 205	" " "	ID# 22830
Source# 206	subject to Condition	ID# 22820
Source# 207	subject to Condition	ID# 24187 and 22850
Source# 209	subject to Condition	ID# 22830
Source# 210	subject to Condition	ID# 19533
Source# 211	" " "	ID# 19533
Source# 212	subject to Condition	ID# 22830
Source# 213	subject to Condition	ID# 24187 and 22850
Source# 214	" " "	ID# 22850
Source# 215	subject to Condition	ID# 19533
Source# 216	subject to Condition	ID# 22830
Source# 218	subject to Condition	ID# 22850
Source# 219	" " "	ID# 22850
Source# 220	subject to Condition	ID# 22019 and 22850
Source# 221	" " "	ID# 22850
Source# 222	" " "	ID# 22850
Source# 223	" " "	ID# 22850
Source# 224	" " "	ID# 22850 and 25676
Source# 225	subject to Condition	ID# 22850 and 25772
Source# 226	subject to Condition	ID# 25943
Source# 227	" " "	ID# 25943



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COND# 13887 applies to S# 188

1. Total wipe cleaning solvent shall not exceed 2095 liters (553 gallons) of precursor organic solvents and 1315 liters (347 gallons) of non-precursor organic solvents in any consecutive 12 month period.
2. Records shall be maintained in a District approved logbook of the amount and type of wipe cleaning solvent used on a quarterly basis. Records shall be maintained for a period of at least 24 months from the date of entry and made readily available to District staff upon request.

COND# 16752 applies to S# 190

Conditions for S-190, Soil Vapor Extraction System at Plant 723, Lawrence Berkeley Lab

1. Source S-190 shall be vented at all times to A-190, two 1000 lb capacity activated carbon vessels arranged in series. Influent vapor flow shall not exceed 215 scfm.
<Offsets>
2. The operator of this source shall monitor with a photo-ionization detector (PID), flame-ionization detector (FID), or other method approved in writing by the District's Source Test Manager at the following locations:
<Recordkeeping>
 - a. At the inlet to the second to last carbon vessel in series.
 - b. At the inlet to the last carbon vessel in series.
 - c. At the outlet of the carbon vessel that is last in series prior to venting to the atmosphere. When using an FID to monitor breakthrough, readings may be taken with and without a Carbon filter tip fitted on the FID probe. Concentrations measured with the Carbon filter tip in place shall be considered methane for the purpose of these permit conditions.
3. These monitor readings shall be recorded in a



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monitoring log at the time they are taken. The monitoring results shall be used to estimate the frequency of Carbon change-out necessary to maintain compliance with conditions number 4 and 5, and shall be conducted on a monthly basis. The operator of this source may propose for District review, based on actual measurements taken at the site during operation of the source, that the monitoring schedule be changed based on the decline in organic emissions and/or the demonstrated breakthrough rates of the carbon vessels.

Written approval by the District's Permit Services Division must be received by the operator prior to a

change to the monitoring schedule. <Recordkeeping>

4. The second to last Carbon vessel shall be changed out with unspent Carbon upon breakthrough, defined as the detection at its outlet of the higher of the following:

<Offsets>

- a. 10 % of the inlet stream concentration to the Carbon vessel.
- b. 10 ppmv (measured as C1).

5. The last Carbon vessel shall be changed out with unspent Carbon upon detection at its outlet of 10 ppmv

(measured as C1). <Offsets>

6. The operator of this source shall maintain the following records for each month of operation of the source:

<Recordkeeping>

- a. The hours and times of operation.
- b. Each monitor reading or analysis result for the day of operation they are taken.
- c. The number of Carbon beds removed from service.

All measurements, records and data required to be maintained by the operator shall be retained and made available for inspection by the District for at least two years following the date the data is recorded.

7. Any exceedance of conditions number 4 and/or 5 shall be reported to the Enforcement and Compliance Division with the log as well as the



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corrective action taken. The submittal shall detail the corrective action taken and shall include the data showing the exceedance as well at the time of occurrence. <Recordkeeping>

- 8. Upon final completion of the remediation project, the operator of Source S-190 shall notify the Permit Services Division within two weeks of decommissioning the operation. <Recordkeeping>

COND# 19533 applies to S#'s 210, 211, 215

CONDITIONS FOR NON "ESSENTIAL" EMERGENCY ENGINES:

Stationary Equipment Requirements

- 1. Hours of Operation: The owner/operator shall operate the emergency standby engine(s) only to mitigate emergency conditions or for reliability-related activities. Operating while mitigating emergency conditions is unlimited. Operating for reliability-related activities is limited to 50 hours per any calendar year. [Basis: Regulation 9-8-330]
"Emergency Conditions" is defined as any of the following:
 - a. Loss of regular natural gas supply.
 - b. Failure of regular electric power supply.
 - c. Flood mitigation.
 - d. Sewage overflow mitigation.
 - e. Fire.
 - f. Failure of a primary motor, but only for such time as needed to repair or replace the primary motor. [Basis: Regulation 9-8-231]

"Reliability-related activities" is defined as any of the following:

- a. Operation of an emergency standby engine to test its ability to perform for an emergency use, or
- b. Operation of an emergency standby engine during maintenance of a primary motor. [Basis: Regulation 9-8-232]

- 2. The owner/operator shall equip the emergency standby engine(s) with either:
 - a. a non-resettable totalizing meter that measures



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the hours of operation for the engine; or
b. a non-resettable fuel usage meter, the maximum hourly fuel rate shall be used to convert fuel usage to hours of operation.

[Basis: Regulation 9-8-530]

- 3. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 2 years and shall make the log available for District inspection upon request:
 - a. Hours of operation (total).
 - b. Hours of operation (emergency).
 - c. For each emergency, the nature of the emergency condition.
 - d. Fuel usage for engine(s) if a non-resettable fuel usage meter is utilized.

[Basis: Regulations 9-8-530 and 1-441]

COND# 22019 applies to S# 220

- 1. The Owner/Operator shall install a Diesel Particulate Filter (A-220) and use it to abate the emissions of unburned hydrocarbons, carbon monoxide and particulates emitted from the S-220 diesel engine at all times that the engine is operated.

(basis: TBACT, Toxic Risk Screen)

COND# 22820 applies to S# 206

- 1. The owner/operator shall not exceed 20 hours per year per engine for reliability-related testing.
Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]
- 2. The owner/operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance



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with District, State or Federal emission limits is not limited.

[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

- 3. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained.

[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

- 4. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic Minor Operating Permit). Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.

- a. Hours of operation for reliability-related activities (maintenance and testing).
- b. Hours of operation for emission testing to show compliance with emission limits.
- c. Hours of operation (emergency).
- d. For each emergency, the nature of the emergency condition.
- e. Fuel usage for each engine(s).

[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

- 5. At School and Near-School Operation:
If the emergency standby engine is located on school grounds or within 500 feet of any school grounds, the following requirements shall apply:

The owner/operator shall not operate each stationary emergency standby diesel-fueled engine for non-emergency use, including maintenance and testing, during the following periods:

- a. Whenever there is a school sponsored activity (if the engine is located on school grounds)
- b. Between 7:30 a.m. and 3:30 p.m. on days when school



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is in session.

"School" or "School Grounds" means any public or private school used for the purposes of the education of more than 12 children in kindergarten or any of grades 1 to 12, inclusive, but does not include any private school in which education is primarily conducted in a private home(s). "School" or "School Grounds" includes any building or structure, playground, athletic field, or other areas of school property but does not include unimproved school property.

[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

COND# 22830 applies to S#'s 201, 202, 205, 209, 212, 216

1. The owner/operator shall not exceed 30 hours per year per engine for reliability-related testing.
[Basis: "Regulation 2-5]
2. The owner/operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emission limits is not limited.
[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]
3. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained.
[Basis: Title 17, California Code of



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Regulations, section 93115, ATCM for Stationary
CI Engines]

- 4. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic Minor Operating Permit). Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.
 - a. Hours of operation for reliability-related activities (maintenance and testing).
 - b. Hours of operation for emission testing to show compliance with emission limits.
 - c. Hours of operation (emergency).
 - d. For each emergency, the nature of the emergency condition.
 - e. Fuel usage for each engine(s).
 [Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

- 5. At School and Near-School Operation:
If the emergency standby engine is located on school grounds or within 500 feet of any school grounds, the following requirements shall apply:

The owner/operator shall not operate each stationary emergency standby diesel-fueled engine for non-emergency use, including maintenance and testing, during the following periods:

- a. Whenever there is a school sponsored activity (if the engine is located on school grounds)
- b. Between 7:30 a.m. and 3:30 p.m. on days when school is in session.

"School" or "School Grounds" means any public or private school used for the purposes of the education of more than 12 children in



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kindergarten or any of grades 1 to 12, inclusive, but does not include any private school in which education is primarily conducted in a private home(s). "School" or "School Grounds" includes any building or structure, playground, athletic field, or other areas of school property but does not include unimproved school property.
[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

COND# 22850 applies to S#'s 191, 193, 194, 200, 207, 213, 214, 218, 219, 220, .

1. The owner/operator shall not exceed 50 hours per year per engine for reliability-related testing.
[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]
2. The owner/operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emission limits is not limited.
[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]
3. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained.
[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary



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CI Engines]

- 4. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic Minor Operating Permit). Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.
 - a. Hours of operation for reliability-related activities (maintenance and testing).
 - b. Hours of operation for emission testing to show compliance with emission limits.
 - c. Hours of operation (emergency).
 - d. For each emergency, the nature of the emergency condition.
 - e. Fuel usage for each engine(s).
 [Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

- 5. At School and Near-School Operation:
If the emergency standby engine is located on school grounds or within 500 feet of any school grounds, the following requirements shall apply:

The owner/operator shall not operate each stationary emergency standby diesel-fueled engine for non-emergency use, including maintenance and testing, during the following periods:

- a. Whenever there is a school sponsored activity (if the engine is located on school grounds)
- b. Between 7:30 a.m. and 3:30 p.m. on days when school is in session.

"School" or "School Grounds" means any public or private school used for the purposes of the education of more than 12 children in kindergarten or any of grades 1 to 12,



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inclusive, but does not include any private school in which education is primarily conducted in a private home(s). "School" or "School Grounds" includes any building or structure, athletic field, or other areas of school property but does not include unimproved school property.

[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

COND# 24187 applies to S#'s 200, 207, 213

Conditions for S-200 Diesel Generator abated by A-200 Catalyzed Diesel Particulate Filter

S-207 Diesel Generator abated by A-207 Catalyzed Diesel Particulate Filter

S-213 Diesel Generator abated by A-213 Catalyzed Diesel Particulate Filter

Application # 18396, Plant # 723

- 1. The owner/operator shall operate S-200, S-207 and S-213 Diesel Generators only when abated by A-200, A207 and A-213 Diesel Particulate Filters (respectively).

[Basis: Cumulative increase]

COND# 25676 applies to S# 224

- 1. The owner/operator shall abate S-224 by the properly maintained and properly operated A-224 during all times of operation. [Basis: Cumulative Increase]

- 2. The owner/operator shall properly install and operate a backpressure monitor that notifies the owner or operator when the high backpressure limit of the engine is approached. [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection 93115.10 (d)(2)]



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

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*** PERMIT CONDITIONS ***

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COND# 25772 applies to S# 225

1. The owner/operator shall abate S-225 by the properly maintained and properly operated A-225 during all times of operation. [Basis: Cumulative Increase]
2. The owner/operator shall properly install and operate a backpressure monitor that notifies the owner or operator when the high backpressure limit of the engine is approached. [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection 93115.10 (d) (2)]

COND# 25943 applies to S#'s 226, 227

1. The owner/operator shall operate at all time the mobile equipment in conformance with the eligibility requirements set forth in BAAQMD Regulation 2-1-220 for portable equipment. [Basis: Portable Eligibility Requirements]
2. The owner/operator shall not exceed 50 hours per year per engine for reliability-related activities. [Basis: Cumulative Increase, Toxics]
3. The owner/operator cannot operate the portable engine after January 1, 2020 if it does not comply with 93116.3(b)(3). [Basis: "Portable Engines ATCM" Section 93116.3, Title 17, Code of Regulations, Subsection (b)(3)]
4. The owner/operator shall operate only for the following purposes:
 - a. To mitigate emergency conditions;
 - b. For emission testing to demonstrate compliance with a District, State, or Federal emission limits; or,
 - c. For reliability-related activities (maintenance and other testing, but excluding emission testing).

Operating while mitigating emergency conditions or while emission testing to show compliance with District, State, or Federal emission limits is not limited. [Basis: "Portable Engines ATCM" Section 93116.2, Title



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17, CA Code of Regulations, Subsection (a)(15)]

- 5. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated, and properly maintained. [Basis: "Portable Engines ATCM" Section 93116.4, Title 17, CA Code of Regulations, Subsection (c)(2)(A)]
- 6. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least five years from the date of entry. Log entries shall be retained on-site at a central location, and made immediately available to the District staff upon request.
 - a. Hours of operation for reliability-related activities (maintenance and testing);
 - b. Hours of operation for emission testing to show compliance with emission limits;
 - c. Hours of operation (emergency);
 - d. For each emergency, the nature of the emergency condition;
 - e. Fuel usage for each engine(s); and,
 - f. Location and total hours of operation at each off-site location.

[Basis: "Portable Engines ATCM" Section 93116.4, Title 17, CA Code of Regulations, Subsection (c)(2)]

- 7. The engine(s) shall not be operated within 1,000 feet of the outer boundary of any K-12 school site, unless the applicable notice requirements of Health and Safety Code Section 42301.6 have been met. [Basis: Regulation 2-1-220.4]

~~~~~ END OF CONDITIONS ~~~~~