



South Coast Air Quality Management District

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

December 12, 2013

Mr. Gerardo Rios
Chief – Permits Office
U. S. EPA, Region IX
75 Hawthorne Street, Air 3
San Francisco, CA 94105

Dear Mr. Rios:

The Los Angeles World Airport, ID 800335, has proposed to revise their Title V permit by modifying the emergency electrical generator. This is an aviation service facility (NAICS 48819) located at 275 Center Way, Los Angeles, CA 90045. This proposed permit revision under Application No. 558592 is considered as a “de minimis significant permit revision” to their Title V permit. Attached for your review are the permit evaluation and draft permit for the proposed permit revision. With your receipt of the proposed Title V permit revision today, we will note that the EPA 45-day review period will begin on December 12, 2013.

If you have any questions or need additional information regarding the proposed permit revision, please call Thai Tran at (909) 396-2562.

Very truly yours,

Mohan Balagopalan
Senior Manager
Chemical, Mechanical, and Ports Permitting

MB:TT
558592 EPA Letter

Attachments

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: INTERNAL COMBUSTION ENGINES					
System 1: EMERGENCY					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL NO. 3406D1, WITH TURBOCHARGER, 375 HP A/N: 475955	D3		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.11, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL NO. 3208, WITH TURBOCHARGER, 269 HP A/N: 245857	D4		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NATURAL GAS, HERCULES, MODEL NO. G0339, 69 HP A/N: 245863	D7		NOX: PROCESS UNIT**	NOX: 3400 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NO. NT855G2, WITH TURBOCHARGER, 355 HP A/N: 245849	D8		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V3W AIRFIELD, DIESEL FUEL, CATERPILLAR, MODEL D343, SERIAL NO. 62B5962, WITH TURBOCHARGER, 245 HP A/N: 245854	D11		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, D12.1, K67.12

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 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

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INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V3E AIRFIELD, DIESEL FUEL, CATERPILLAR, MODEL NO. D343, WITH TURBOCHARGER, 420 HP A/N: 245853	D12		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, LIQUIFIED PETROLEUM GAS, NATURAL GAS, CUMMINS, MODEL NO. G855, 210 HP A/N: 245850	D13		NOX: PROCESS UNIT**	NOX: 139 LBS/1000 GAL LPG (1) [RULE 2012, 5-6-2005]; NOX: 3400 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NO. 6C5A8.3G1, WITH AFTERCOOLER, TURBOCHARGER, 264 HP A/N: 497760	D14		NOX: PROCESS UNIT**	NOX: 3.7 LBS/HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT. 12-6-2002]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; ROG: 0.11 LBS/HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT. 12-6-2002]	C1.4, C1.21, D12.1, D135.1, E71.6, E71.7, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V2N AIRFIELD, DIESEL FUEL, CUMMINS, MODEL NO. NT855G5, WITH TURBOCHARGER, 390 HP A/N: 245848	D16		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL CD6359T, WITH TURBOCHARGER, 141 HP A/N: 245846	D17		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, D12.1, K67.12

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INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, KOMATSU, MODEL 0671T, WITH TURBOCHARGER, 191 HP A/N: 245847	D19		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL 4239 T, WITH AFTERCOOLER, TURBOCHARGER, 92 HP A/N: 267092	D25		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NTA855-G3, WITH AFTERCOOLER, TURBOCHARGER, 535 HP A/N: 269578	D26		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DAYTON, MODEL 4W121, 60 HP A/N: 300846	D56		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, C177.1, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, HINO, MODEL SD100, 150 HP A/N: 300850	D58		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, C177.1, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V1 AIRFIELD, DIESEL FUEL, DETROIT DIESEL, MODEL 7123-7406, 750 BHP A/N: 317969	D63		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, C177.1, D12.1, K67.12

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Process 1: INTERNAL COMBUSTION ENGINES					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DETROIT DIESEL, MODEL 8063-7416 (6V-92 TA), WITH AFTERCOOLER, TURBOCHARGER, 474 HP A/N: 436556	D80		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.4 GRAM/BHP-HR (5) [RULE 1470, 5-4-2012]	C1.4, C1.21, D12.1, E71.6, E71.7, E193.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3508 DITA, WITH AFTERCOOLER, TURBOCHARGER, 1199 HP A/N: 436555	D81		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR (5) [RULE 1470, 5-4-2012]	C1.4, C1.11, D12.1, E71.4, E71.5, E193.3, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V2S AIRFIELD, DIESEL FUEL, CATERPILLAR, MODEL 3306 DITA, WITH AFTERCOOLER, TURBOCHARGER, 349 HP A/N: 475957	D86		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005, 6-3-2011]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]	C1.4, C1.11, D12.1, K67.12

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INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3412 DITA, WITH AFTERCOOLER, TURBOCHARGER, 823 HP A/N: 475958	D87		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005, 6-3-2011]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]	C1.4, C1.21, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3306 DITA, SERIAL NO. 9NR04105, WITH AFTERCOOLER, TURBOCHARGER, 349 HP A/N: 475959	D88		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005, 6-3-2011]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]	C1.4, C1.11, D12.1, K67.12

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INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL 6068T, 166 BHP A/N: 367015	D89		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005, 6-3-2011]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NTA855-G2, WITH AFTERCOOLER, TURBOCHARGER, 465 HP A/N: 340744	D101		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, D12.1, K67.12

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INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL 6081AF001, WITH TURBOCHARGER, 300 BHP A/N: 388358	D103		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005, 6-3-2011]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR (5A) [RULE 1470, 5-4-2012]; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]	C1.4, C1.11, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL QSK50-G4, WITH AFTERCOOLER, TURBOCHARGER, 2220 HP A/N: 475663	D124		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR (5) [RULE 1470, 5-4-2012]	C1.4, C1.11, D12.1, E71.4, E71.5, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL QSK50-G4, WITH AFTERCOOLER, TURBOCHARGER, 2220 HP A/N: 475664	D125		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR (5) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	C1.4, C1.11, D12.1, E71.5, K67.12

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INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, RESCUE 80 FIRE STATION, DIESEL FUEL, CUMMINS, MODEL QSX15-G9, WITH TURBOCHARGER, 755 HP A/N: 504875	D173		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR (5) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	C1.4, C1.11, D12.1, E71.4, E71.5, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, CENTRAL UTILITIES PLANT (CUP), DIESEL FUEL, JOHN DEERE, MODEL 6090HF484A, INTERIM UNIT, WITH TURBOCHARGER, 422 BHP A/N: 511274	D176		NOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; NOX + ROG: 3 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; RULE 2005, 6-3-2011]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR DIESEL (5A) [RULE 1470, 5-4-2012]; PM: 0.15 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	C1.4, C1.11, C1.23, D12.1, E71.5, K67.12

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION ENGINES					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, AIRPORT RESPONSE COORDINATION CENTER, DIESEL FUEL, MTU DETROIT DIESEL, MODEL 12V1600G70S, WITH AFTERCOOLER, TURBOCHARGER, 822 HP A/N: 512301	D180		NOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005], NOX + ROG: 4.8 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 6-3-2011]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1) -BACT, 12-6-2002]	C1.4, C1.11, C1.23, D12.1, E71.5, K67.12

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: INTERNAL COMBUSTION ENGINES					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO. 1, TOM BRADLEY INTERNATIONAL TERMINAL, DIESEL FUEL, CATERPILLAR, MODEL 3516C, WITH AFTERCOOLER, TURBOCHARGER, 2937 HP WITH A/N: 525468	D216		NOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 0.5 GRAM/BHP-HR DIESEL (4) [RULE 1470, 5-4-2012; RULE 2005, 6-3-2011]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.07 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012]; ROG: 0.3 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012, RULE 2005, 6-3-2011]	C1.4, C1.11, C1.23, D12.1, E57.3, E71.5, E193.10, E193.11, E193.12, E202.3, H23.6, K67.12, K67.16
DIESEL PARTICULATE FILTER, RIPOS, MODEL HDPF/C	C238				E193.10, E193.12

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION ENGINES					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO.2, TOM BRADLEY INTERNATIONAL TERMINAL, DIESEL FUEL, CATERPILLAR, MODEL 3516C, WITH AFTERCOOLER, TURBOCHARGER, 2937 HP WITH A/N: 525469	D217		NOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 0.5 GRAM/BHP-HR DIESEL (4) [RULE 1470, 5-4-2012; RULE 2005, 6-3-2011]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.07 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; RULE 1470, 5-4-2012]; ROG: 0.3 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; RULE 1470, 5-4-2012]	C1.4, C1.11, C1.23, D12.1, E57.3, E71.5, E193.10, E193.11, E193.12, E202.3, H23.6, K67.12, K67.16
DIESEL PARTICULATE FILTER, RIPOS, MODEL HDPF/C	C239				E193.10, E193.12

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: INTERNAL COMBUSTION ENGINES					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO. 3, TOM BRADLEY INTERNATIONAL TERMINAL, DIESEL FUEL, CATERPILLAR, MODEL 3516C, WITH AFTERCOOLER, TURBOCHARGER, 2937 HP WITH A/N: 525470	D218		NOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002, RULE 1470, 5-4-2012]; NOX: 0.5 GRAM/BHP-HR DIESEL (4) [RULE 1470, 5-4-2012, RULE 2005, 6-3-2011]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.07 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012]; ROG: 0.3 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012]	C1.4, C1.11, C1.23, D12.1, E57.3, E71.5, E193.10, E193.11, E193.12, E202.3, H23.6, K67.12, K67.16
DIESEL PARTICULATE FILTER, RIPOS, MODEL HDPF/C	C240				E193.10, E193.12

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: INTERNAL COMBUSTION ENGINES					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO.4, TOM RADLEY INTERNATIONAL TERMINAL, DIESEL FUEL, CATERPILLAR, MODEL 3516C, WITH AFTERCOOLER, TURBOCHARGER, 2937 HP WITH A/N: 525471	D219		NOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012]; NOX: 0.5 GRAM/BHP-HR DIESEL (4) [RULE 1470, 5-4-2012; RULE 2005, 6-3-2011]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.07 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012]; ROG: 0.3 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012]	C1.4, C1.11, C1.23, D12.1, E57.3, E71.5, E193.10, E193.11, E193.12, E202.3, H23.6, K67.12, K67.16
DIESEL PARTICULATE FILTER, RIPOS, MODEL HDPF/C	C241				E193.10, E193.12

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION ENGINES					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, AT TERMINAL 5, DIESEL FUEL, CUMMINS, MODEL QSX15-G9, WITH AFTERCOOLER, TURBOCHARGER, 755 HP WITH A/N:	D235	C237	NOX: PROCESS UNIT**	CO: 0.52 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012; 40CFR 60 Subpart III, 6-28-2011]; NOX: 172 LBS/1000 GAL DIESEL (1) [RULE 2005, 6-3-2011]; NOX + ROG: 3.9 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012; RULE 2005, 6-3-2011; 40CFR 60 Subpart III, 6-28-2011]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.023 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012; 40CFR 60 Subpart III, 6-28-2011]	C1.4, C1.11, D12.1, E57.3, E448.2, E448.3, H23.6, I297.2, K67.16
DIESEL PARTICULATE FILTER, JOHNSON MATTHEY, MODEL CRT(+)-3-N, WITH 0.63 FT3 CATALYST CAPACITY	C237	D235			E448.1, E448.2, E448.3
Process 3: EXTERNAL COMBUSTION					
System 1: BOILERS					

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: EXTERNAL COMBUSTION					
BOILER, DIESEL FUEL, NATURAL GAS. COMBUSTION ENGINEERING, MODEL NO. HCC-A-6, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 27.5 MMBTU/HR A/N: 228960	D29		NOX: LARGE SOURCE**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 36 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	B61.1, B75.2, D328.1, D371.2
BOILER, DIESEL FUEL, NATURAL GAS. COMBUSTION ENGINEERING, MODEL NO. HCC-A-6, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 27.5 MMBTU/HR A/N: 228959	D30		NOX: LARGE SOURCE**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 36 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	B61.1, B75.2, D328.1, D371.2
System 3: HOT POT					
POT, DIESEL FUEL, ASPHALT, INTRA-FACILITY PORTABLE, 250 GALS; 0.42 MMBTU/HR WITH A/N: 506759	D112		NOX: PROCESS UNIT**	NOX: 19 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]	B27.2, C1.16, D12.6, D371.2, K67.11
INTERNAL COMBUSTION ENGINE, DIESEL FUEL, ISUZU, MODEL 3LD1. RULE-219, JUNE-1-2007, EXEMPT, 33 BHP	E130			NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]	C1.16, D12.6, K67.11
Process 4: FUEL STORAGE					

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 4: FUEL STORAGE					
System 1:					
STORAGE TANK, UNDERGROUND, NO. 1, DIESEL FUEL, 50000 GALS A/N: INACTIVE	D31				J123.1
STORAGE TANK, UNDERGROUND, NO. 2, DIESEL FUEL, 50000 GALS A/N: INACTIVE	D32				J123.1
Process 6: FUELING OPERATIONS					
System 1: GASOLINE DISPENSING					
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, HEALY PHASE II EVR NOT INCLUDING ISD (VR-201-F), GASOLINE, 4 TOTAL A/N: 480924	D126				D330.1, E71.12, J110.1, J110.2, J373.2, J373.3, K67.6
STORAGE TANK, UNDERGROUND, WITH PHIL-TITE (VR-101-D/I), GASOLINE, METHANOL COMPATIBLE, WITH PHASE I VAPOR RECOVERY SYSTEM, 20000 GALS A/N: 480924	D127				C1.8, C1.10, D330.1, E71.12, J109.1, J120.1, J122.1, J373.4, J373.5, K67.6
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, HEALY PHASE II EVR NOT INCLUDING ISD (VR-201-F), GASOLINE, 4 TOTAL A/N: 480924	D131				D330.1, E71.12, J110.1, J110.2, J373.2, J373.3, K67.6

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 6: FUELING OPERATIONS					
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, HEALY PHASE II EVR NOT INCLUDING ISD (VR-201-F), GASOLINE, 4 TOTAL A/N: 480924	D132				D330.1, E71.12, J110.1, J110.2, J373.2, J373.3, K67.6
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, HEALY PHASE II EVR NOT INCLUDING ISD (VR-201-F), GASOLINE, 4 TOTAL A/N: 480924	D133				D330.1, E71.12, J110.1, J110.2, J373.2, J373.3, K67.6
System 2: MOBILE FUELING					
DISPENSE MOBILE FUELER, GASOLINE, GAS/DIESEL DUAL COMPART. (1000 GAL EA.), W/ A PRES/VAC RELIEF VALVE, WITH BOTTOM FILLING, PHASE I VAPOR RECOVERY SYSTEM, 2000 GALS; WIDTH: 7 FT 4 IN; HEIGHT: 5 FT 10 IN; LENGTH: 23 FT A/N: 378805	D93				C1.8, C1.10, D322.2, E193.4, J109.1, J110.1, J397.1
FUEL DISPENSING NOZZLE, VACUUM ASSIST PHASE II CONTROL, GASOLINE, W/ 50 FT COAXIAL HOSE, HEALY MODEL 400 ORVR, WITH PHASE II VAPOR RECOVERY SYSTEM A/N: 378805	D94				D322.2, E193.4, J109.1, J110.1, J397.1
System 3: BULK LOAD FUELING					

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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Process 6: FUELING OPERATIONS					
BULK MATERIAL LOADING STATION, TERMINAL 1, JET FUEL (JPA), INCLUDES 30 HYDRANTS WITH DRY BREAK COUPLERS WITH A/N: 471647 FUGITIVE EMISSIONS, VALVES	D122 D123				C1.20, E71.10, E71.11, K67.15
BULK MATERIAL LOADING STATION, TERMINAL 3, JET FUEL (JPA), INCLUDES 26 HYDRANTS WITH DRY BREAK COUPLERS WITH A/N: 532004 FUGITIVE EMISSIONS, VALVES	D128 D129				C1.28, E71.10, E71.11, K67.15
BULK MATERIAL LOADING STATION, TERMINAL 2, JET FUEL (JPA), INCLUDES 18 HYDRANTS WITH DRY BREAK COUPLERS WITH A/N: 511360 FUGITIVE EMISSIONS, VALVES	D177 D178				E71.10, E71.11
BULK MATERIAL LOADING STATION, BRADLEY WEST APRON, JET FUEL (JPA), INCLUDES 30 HYDRANTS WITH DRY BREAK COUPLERS WITH A/N: 523126 FUGITIVE EMISSIONS, VALVES	D214 D215				C1.25, E71.10, E71.11, K67.15

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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Process 6: FUELING OPERATIONS					
BULK MATERIAL LOADING STATION, TOM BRADLEY INTERNATIONAL TERMINAL, JET FUEL (JPA), INCLUDES 54 HYDRANTS WITH A/N: 527653	D228				C1.27, E71.10, K67.15
FUGITIVE EMISSIONS, VALVES	D229				
BULK MATERIAL LOADING STATION, REMOTE AIRCRAFT PARKING APRON, JET FUEL (JPA), INCLUDES 46 HYDRANTS WITH A/N: 527654	D230				C1.27, E71.10, K67.15
FUGITIVE EMISSIONS, VALVES	D231				
PUMP, BYRON/JACKSON, FOUR UNITS, EACH 150 HP AND 1000 GPM	D232				
FILTER, VESSEL TYPE, VELCON, MODEL W2856008, FOUR UNITS, EACH 1050 GPM	D233				
Process 9: CONCRETE BATCH PLANT and CONCRETE/ASPHALT CRUSHING OPERATIONS					P42.1
System 1: CONCRETE BATCH PLANT(S) & CONTROL EQUIPMENT "A"					
HOPPER, DRIVE OVER, AGGREGATE, UP TO TWO HOPPERS A/N: 516415	D137			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 9: CONCRETE BATCH PLANT and CONCRETE/ASPHALT CRUSHING OPERATIONS					P42.1
HOPPER, DRIVE OVER, SAND, 1 TOTAL A/N: 516415	D138			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
CONVEYOR, SAND, AGGREGATE, UP TO THREE (3) RADIAL STACKERS AND UP TO FIVE (5) FEEDS A/N: 516415	D139			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
HOPPER, FEED, SAND, AGGREGATE, UP TO FIVE (5) HOPPERS A/N: 516415	D140			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
HOPPER, HOLDING, SAND, AGGREGATE, UP TO THREE (3) HOPPERS, A/N: 516415	D142			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
HOPPER, WEIGH, SAND, AGGREGATE, UP TO THREE (3) HOPPERS A/N: 516415	D156	C136		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.1, E193.7
STORAGE SILO, FLY ASH, 1 TOTAL A/N: 516415	D141	C136		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.1, E193.7
STORAGE SILO, CEMENT, 1 TOTAL A/N: 516415	D157	C136		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.1, E193.7
HOPPER, WEIGH, FLY ASH/CEMENT, UP TO TWO (2) HOPPERS A/N: 516415	D158	C136		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.1, E193.7
CONVEYOR, CHARGE, SAND, AGGREGATE, CEMENT, FLYASH A/N: 516415	D159	C136		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.1, E193.7

- | | |
|--|--|
| <ul style="list-style-type: none"> * (1) (1A) (1B) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5) (5A) (5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits | <ul style="list-style-type: none"> (2) (2A) (2B) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) (10) See section J for NESHAP/MACT requirements |
|--|--|

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 9: CONCRETE BATCH PLANT and CONCRETE/ASPHALT CRUSHING OPERATIONS					P42.1
MIXER, TILT, CONCRETE, UP TO TWO (2) MIXERS A/N: 516415	D144	C136		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.1, E193.7
BAGHOUSE, "A", WITH AT LEAST 500 SQUARE FEET FILTER AREA, PULSE JET CLEANING TYPE A/N: 500959	C136	D141 D144 D156 D157 D158 D159		PM: (9) [RULE 404, 2-7-1986]	D12.8, D322.3, D323.3, E102.1, E193.7
INTERNAL COMBUSTION ENGINE, R-219 EXEMPT-TIER 3 EPA CERT DIESEL ENG, MAX RATING UP TO 500 BHP, UP TO TWO FRONT END LOADERS A/N: 516415	D155			NOX: 93.8 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]	C1.22, E193.7
System 2: CONCRETE BATCH PLANT(S) & CONTROL EQUIPMENT "B"					
HOPPER, DRIVE OVER, AGGREGATE, UP TO TWO HOPPERS A/N: 516416	D146			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
HOPPER, DRIVE OVER, SAND, 1 TOTAL A/N: 516416	D147			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
CONVEYOR, SAND, AGGREGATE, UP TO THREE (3) RADIAL STACKERS AND UP TO FIVE (5) FEEDS A/N: 516416	D148			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
HOPPER, FEED, SAND, AGGREGATE, UP TO FIVE (5) HOPPERS A/N: 516416	D149			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 9: CONCRETE BATCH PLANT and CONCRETE/ASPHALT CRUSHING OPERATIONS					P42.1
HOPPER, HOLDING, SAND, AGGREGATE, UP TO THREE (3) A/N: 516416	D151			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
HOPPER, WEIGH, SAND, AGGREGATE, UP TO THREE (3) HOPPERS A/N: 516416	D162	C145		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.2, E193.7
STORAGE SILO, FLY ASH, 1 TOTAL A/N: 516416	D150	C145		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.2, E193.7
STORAGE SILO, CEMENT, 1 TOTAL A/N: 516416	D163	C145		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.2, E193.7
HOPPER, WEIGH, FLY ASH/CEMENT UP TO (2) HOPPERS A/N: 516416	D164	C145		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.2, E193.7
CONVEYOR, CHARGE, SAND, AGGREGATE, CEMENT, FLYASH A/N: 516416	D165	C145		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.2, E193.7
MIXER, TILT, CONCRETE, UP TO TWO (2) MIXERS A/N: 516416	D153	C145		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.2, E193.7
BAGHOUSE, "B", WITH AT LEAST 500 SQUARE FEET FILTER AREA, PULSE JET CLEANING TYPE A/N: 500960	C145	D150 D153 D162 D163 D164 D165		PM: (9) [RULE 404, 2-7-1986]	D12.8, D322.3, D323.3, E102.1, E193.7
INTERNAL COMBUSTION ENGINE, R-219 EXEMPT-TIER 3 EPA CERT DIESEL ENG, MAXI RATING UP TO 500 BHP, UP TO TWO FRONT END LOADERS A/N: 516416	D161			NOX: 93.8 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]	C1.22, E193.7

- | | |
|--|---|
| * (1) (1A) (1B) Denotes RECLAIM emission factor | (2) (2A) (2B) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5) (5A) (5B) Denotes command and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) |
| (9) See App B for Emission Limits | (10) See section J for NESHAP/MACT requirements |

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 9: CONCRETE BATCH PLANT and CONCRETE/ASPHALT CRUSHING OPERATIONS					P42.1
System 3: CONCRETE/ASPHALT CRUSHING OPERATION					
CONVEYOR, CONCRETE, ASPHALT, UP TO 14 CONVEYORS, INCLUDING STACKING CONVEYORS A/N: 516417	D167			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8, E202.1
CRUSHER, UP TO 3 CRUSHERS, JAW, CONE, OR IMPACTOR, CONCRETE, ASPHALT A/N: 516417	D168			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8, E202.1
SCREEN, UP TO 3 SCREENS, MULTIDECK, CONCRETE, ASPHALT A/N: 516417	D169			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8, E202.1
INTERNAL COMBUSTION ENGINE, R-219 EXEMPT-TIER 3 EPA CERT DIESEL ENG, MAXI RATING UP TO 500 BHP, FRONT END LOADER A/N: 516417	D170			NOX: 93.8 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]	C1.22, E193.7
HOPPER, FEED TYPE A/N: 516417	D172			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8, E202.1
Process 10: SHOOTING RANGE					
SHOOTING RANGE, INDOOR SOLID BACKSTOP TYPE, NORTH, WIDTH: 19 FT ; HEIGHT: 9 FT ; LENGTH: 100 FT A/N: 412345	D110				C1.13, C1.14, C1.15, K67.10

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 10: SHOOTING RANGE					
SHOOTING RANGE, INDOOR SOLID BACKSTOP TYPE, SOUTH, WIDTH: 19 FT.; HEIGHT: 9 FT.; LENGTH: 100 FT A/N: 420372	D111				C1.13, C1.14, C1.15, K67.10
Process 11: FILTER					
System 1: FILTER					
FILTER, BAG, TORIT, MODEL 75-80, VENTING ABRASIVE BLASTING CABINET & FIRE EXTINGUISHER RECHARGING STATION, LENGTH: 1 FT 8 IN.; 129 SQ.FT.; DIAMETER: 1 FT 11 IN A/N: 444983	C116				C12.1, D12.4, E202.2, K67.13
Process 12: RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
System 1: REFRIGERATION					
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E64				H23.1
RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS,	E65				H23.2
System 2: COATING					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E66			ROG: (9) [RULE 1113, 7-13-2007; RULE 1113, 6-3-2011; RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	K67.3
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E67			ROG: (9) [RULE 1107, 8-14-1998; RULE 1107, 1-6-2006; RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 12: RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E68			ROG: (9) [RULE 1151, 12-11-1998; RULE 1151, 12-2-2005; RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E69			ROG: (9) [RULE 1136, 6-14-1996; RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	
System 3: SMALL BOILERS					
RULE 219 EXEMPT EQUIPMENT, SMALL BOILERS, WATER HEATERS AND PROCESS HEATERS, >1 MMBTU/HR AND <= 2 MMBTU/HR	E115				H23.4
System 4: UTILITY EQUIPMENT					
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS, 4 TOTAL	E174				H23.5
System 5: ABRASIVE BLASTING EQUIPMENT					
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, <= 53 FT3, WITH DUST FILTER, 1 TOTAL	E175			PM: (9) [RULE 1140, 2-1-1980; RULE 1140, 8-2-1985; RULE 405, 2-7-1986]	

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE
LA CITY, DEPT OF AIRPORTS**

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

**FACILITY PERMIT TO OPERATE
 LA CITY, DEPT OF AIRPORTS
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D3	1	1	1
D4	1	1	1
D7	1	1	1
D8	1	1	1
D11	1	1	1
D12	2	1	1
D13	2	1	1
D14	2	1	1
D16	2	1	1
D17	2	1	1
D19	3	1	1
D25	3	1	1
D26	3	1	1
D29	15	3	1
D30	15	3	1
D31	16	4	1
D32	16	4	1
D56	3	1	1
D58	3	1	1
D63	3	1	1
E64	24	12	1
E65	24	12	1
E66	24	12	2
E67	24	12	2
E68	25	12	2
E69	25	12	2
D80	4	1	1
D81	4	1	1
D86	4	1	1
D87	5	1	1
D88	5	1	1
D89	6	1	1
D93	17	6	2
D94	17	6	2
D101	6	1	1

**FACILITY PERMIT TO OPERATE
 LA CITY, DEPT OF AIRPORTS
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D103	7	1	1
D110	23	10	0
D111	24	10	0
D112	15	3	3
E115	25	12	3
C116	24	11	1
D122	18	6	3
D123	18	6	3
D124	7	1	1
D125	7	1	1
D126	16	6	1
D127	16	6	1
D128	18	6	3
D129	18	6	3
E130	15	3	3
D131	16	6	1
D132	17	6	1
D133	17	6	1
C136	21	9	1
D137	19	9	1
D138	20	9	1
D139	20	9	1
D140	20	9	1
D141	20	9	1
D142	20	9	1
D144	21	9	1
C145	22	9	2
D146	21	9	2
D147	21	9	2
D148	21	9	2
D149	21	9	2
D150	22	9	2
D151	22	9	2
D153	22	9	2
D155	21	9	1

**FACILITY PERMIT TO OPERATE
 LA CITY, DEPT OF AIRPORTS
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D156	20	9	1
D157	20	9	1
D158	20	9	1
D159	20	9	1
D161	22	9	2
D162	22	9	2
D163	22	9	2
D164	22	9	2
D165	22	9	2
D167	23	9	3
D168	23	9	3
D169	23	9	3
D170	23	9	3
D172	23	9	3
D173	8	1	1
E174	25	12	4
E175	25	12	5
D176	8	1	1
D177	18	6	3
D178	18	6	3
D180	9	1	1
D214	18	6	3
D215	18	6	3
D216	10	1	1
D217	11	1	1
D218	12	1	1
D219	13	1	1
D228	19	6	3
D229	19	6	3
D230	19	6	3
D231	19	6	3
D232	19	6	3
D233	19	6	3
D235	14	1	1
C237	14	1	1

**FACILITY PERMIT TO OPERATE
LA CITY, DEPT OF AIRPORTS
SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
C238	10	1	1
C239	11	1	1
C240	12	1	1
C241	13	1	1

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F14.3 The operator shall not use diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000; 40CFR 60 Subpart III, 6-28-2011]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

For the purpose of this condition, "facility" shall be defined as Process 9 - Concrete Batch Plant and Concrete/Asphalt Crushing Operations.

District Rule 1157. The requirements include, but not limited to:

Maintaining fugitive dust emissions from any activity, equipment, storage pile, or disturbed surface area not to exceed a) 20% opacity, based on an average of 12 consecutive readings, using the SCAQMD Opacity Test Method No. 9B, or b) 50% opacity, based on five individual, consecutive readings, using the SCAQMD Opacity Test Method No. 9B, or c) any visible fugitive dust plume from exceeding 100 feet in any direction

Promptly removing any pile of material spillage on any internal paved roads, or maintaining in a stabilized condition the pile of material spillage with dust suppressants and remove it by the end of each day

Applying dust suppressants or using other dust control methods during loading, unloading, or transferring activities; at the conveyor including all transfer points where materials are released; at crushing activities; at the screening equipment including all discharge points; open storage piles; internal unpaved haul roads; unpaved roads and parking and staging areas

Posting signs at the two ends of the internal unpaved haul roads, stating that haul trucks shall use these roads unless traveling to the maintenance areas

Sweeping the internal paved roads with a street sweeper at the applicable interval specified by the rule

Using sweepers that are certified by Rule 1186

Installing and utilizing a rumble grate, a wheel washer, or a truck washer in accordance with applicable requirements specified by the rule

Keeping all records specified by the rule on-site for at least 5 years, and making such records available to the Executive Officer upon request

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1157, 9-8-2006]

F67.1 The facility operator shall comply with all terms and conditions specified below in regard to anhydrous ammonia.

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

no more than a total of 500 pounds of anhydrous ammonia shall be stored at this facility at any one time

the operator shall keep records of the weight and the number of gas cylinders of anhydrous ammonia stored at this facility and to include invoices of gas deliveries

all records shall be retained for at least five years and be made available to District personnel upon request

[CA PRC CEQA, 11-23-1970]

PROCESS CONDITIONS

P42.1 The operator shall limit the throughputs of the two Concrete Batch Plants A and B, and that of the Concrete/Asphalt Crusher in such a way that when the corresponding throughput values are placed in the following equation, the result is not higher than 593.7:

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

$$0.00753 P_b + 0.00175 P_c = 593.7$$

Where:

P_b: combined throughputs in cubic yards of the two Concrete Batch Plants in any one calendar month

P_c: throughput in tons of the Concrete/Asphalt Crusher in any one calendar month

AND THAT:

P_b shall not exceed 78,830 cubic yards in a calendar month and

P_c shall not exceed 90,000 tons in a calendar month.

Throughput records shall be kept in a manner approved by the District to demonstrate compliance with this condition.

Records shall be kept for at least 5 years in a manner approved by the District and made available to District personnel upon request.

[**RULE 1303(b)(1)-Modeling, 5-10-1996**; **RULE 1303(b)(1)-Modeling, 12-6-2002**;
RULE 1303(b)(2)-Offset, 5-10-1996; **RULE 1303(b)(2)-Offset, 12-6-2002**; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Processes subject to this condition : 9]

DEVICE CONDITIONS

A. Emission Limits

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A103.1 The operator shall keep materials received, in process and stored sufficiently moist to prevent fugitive dust emissions.

[**RULE 401, 3-2-1984; RULE 401, 11-9-2001; RULE 403, 4-2-2004; RULE 403, 6-3-2005**]

[Devices subject to this condition : D137, D138, D139, D140, D142, D146, D147, D148, D149, D151, D167, D168, D169, D172]

B. Material/Fuel Type Limits

B27.2 The operator shall not use sealants or other materials containing any carcinogenic compounds identified in the SCAQMD Rule 1401, as amended 05/02/2003.

[**RULE 1401, 5-2-2003**]

[Devices subject to this condition : D112]

B61.1 The operator shall not use fuel containing the following specified compounds:

Compound	weight percent
Nitrogen greater than	0.01

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D29, D30]

B75.2 The operator shall not use fuel oil in this equipment except under the following circumstance(s):

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A District approved source test has been conducted which demonstrates compliance with rule 1146 while firing fuel oil.

[**RULE 1146, 11-17-2000**]

[Devices subject to this condition : D29, D30]

C. Throughput or Operating Parameter Limits

C1.4 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

[**RULE 1110.2, 2-1-2008; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1401, 9-10-2010; RULE 1470, 5-4-2012; 40CFR 60 Subpart IIII, 6-28-2011**]

[Devices subject to this condition : D3, D4, D7, D8, D11, D12, D13, D14, D16, D17, D19, D25, D26, D56, D58, D63, D80, D81, D86, D87, D88, D89, D101, D103, D124, D125, D173, D176, D180, D216, D217, D218, D219, D235]

C1.8 The operator shall limit the throughput to no more than 600,000 gallon(s) per year.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 9-10-2010; RULE 461, 3-7-2008**]

[Devices subject to this condition : D93, D127]

C1.10 The operator shall limit the throughput to no more than 50,000 gallon(s) per month.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[**RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1303(a)(1)-BACT, 12-6-2002**; **RULE 1303(b)(2)-Offset, 5-10-1996**; **RULE 1303(b)(2)-Offset, 12-6-2002**; **RULE 1401, 9-10-2010**; **RULE 461, 6-3-2005**; **RULE 461, 4-6-2012**]

[Devices subject to this condition : D93, D127]

- C1.11 The operator shall limit the maintenance testing to no more than 50 hour(s) in any one year.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1303(a)(1)-BACT, 12-6-2002**; **RULE 1470, 5-4-2012**; **40CFR 60 Subpart IIII, 6-28-2011**]

[Devices subject to this condition : D3, D81, D86, D88, D103, D124, D125, D173, D176, D180, D216, D217, D218, D219, D235]

- C1.13 The operator shall limit the firing rate to no more than 7,600 lead and non-lead bullets in any one day.

For the purpose of this condition, firing rate shall be defined as number of lead and non-lead bullets being fired.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1303(a)(1)-BACT, 12-6-2002**]

[Devices subject to this condition : D110, D111]

- C1.14 The operator shall limit the firing rate to no more than 57,000 lead and non-lead bullets in any one calendar month.

For the purpose of this condition, firing rate shall be defined as number of lead and non-lead bullets being fired.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; **RULE 1303(b)(2)-Offset, 12-6-2002**]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D110, D111]

- C1.15 The operator shall limit the firing rate to no more than 205,000 lead bullets in any one calendar year.

For the purpose of this condition, firing rate shall be defined as number of lead bullets being fired.

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D110, D111]

- C1.16 The operator shall limit the operating time to no more than 160 hour(s) in any one calendar month.

The above operating time limit shall also be applicable to device E130.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D112]

- C1.18 The operator shall limit the maintenance and testing to no more than 20 hour(s) in any one year.

[RULE 1470, 5-4-2012; 40CFR 60 Subpart III, 6-28-2011]

[Devices subject to this condition : D4, D8, D11, D12, D16, D17, D19, D25, D26, D56, D58, D63, D89, D101]

- C1.20 The operator shall limit the loading rate of JETA fuel to no more than 7,000,000 gallon(s) in any one calendar month.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D122]

- C1.21 The operator shall limit the maintenance and testing to no more than 30 hour(s) in any one year.

[**RULE 1470, 5-4-2012; 40CFR 60 Subpart IIII, 6-28-2011]**

[Devices subject to this condition : D14, D80, D87]

- C1.22 The operator shall limit the fuel usage to no more than 12,000 gallon(s) in any one calendar month.

This limit shall be based on the total combined limit for equipment under devices D155, D161 and D170.

To comply with this condition, the operator shall maintain monthly fuel consumption records for each front end loader and for all five (5) loaders combined. Records shall be kept in a manner approved by the District.

Records shall be kept for at least 5 years in a manner approved by the District and made available to District personnel upon request.

For the purpose of this condition, fuel is defined as "Diesel".

[**RULE 1303(b)(1)-Modeling, 5-10-1996; RULE 1303(b)(1)-Modeling, 12-6-2002;
RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D155, D161, D170]

- C1.23 The operator shall limit the maintenance and testing to no more than 4.2 hour(s) in any one calendar month.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[**RULE 1303(b)(2)-Offset, 5-10-1996**; **RULE 1303(b)(2)-Offset, 12-6-2002**; **RULE 212, 12-7-1995**; **RULE 212, 11-14-1997**]

[Devices subject to this condition : D176, D180, D216, D217, D218, D219]

- C1.25 The operator shall limit the loading rate of JETA fuel to no more than 18,300,000 gallon(s) in any one calendar month.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; **RULE 1303(b)(2)-Offset, 12-6-2002**; **RULE 1401, 9-10-2010**]

[Devices subject to this condition : D214]

- C1.27 The operator shall limit the throughput to no more than 57,272,000 gallon(s) in any one calendar month.

This limit shall be based on the total combined limit for equipment under devices D228 (A/N 527653), D230 (A/N 527654) and D242 (A/N 557837).

[**RULE 1303(b)(2)-Offset, 5-10-1996**; **RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D228, D230]

- C1.28 The operator shall limit the loading rate of JETA fuel to no more than 17,306,000 gallon(s) in any one calendar month.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; **RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D128]

- C12.1 The operator shall use this equipment in such a manner that the the static pressure differential across the filter cartridges being monitored as indicated below is less than or equal to 1.5 inches of water column.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 402, 5-7-1976]

[Devices subject to this condition : C116]

C177.1 The operator shall set and maintain the fuel injection timing of the engine at 4 degrees retarded relative to standard timing.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D56, D58, D63]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[**RULE 1110.2, 2-1-2008; RULE 1110.2, 9-7-2012; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(1)-Modeling, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1401, 9-10-2010; RULE 1470, 5-4-2012; RULE 2005, 6-3-2011; RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart III, 6-28-2011]**

[Devices subject to this condition : D3, D4, D7, D8, D11, D12, D13, D14, D16, D17, D19, D25, D26, D56, D58, D63, D80, D81, D86, D87, D88, D89, D101, D103, D124, D125, D173, D176, D180, D216, D217, D218, D219, D235]

D12.4 The operator shall install and maintain a(n) gauge to accurately indicate the differential pressure across the filter cartridges, measured in inches of water column.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 402, 5-7-1976]

[Devices subject to this condition : C116]

- D12.6 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the device.

For the purpose of this condition, a time meter is required for each device and that device is defined as the heater burner (device D112) or the engine (device E130)

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 9-10-2010; RULE 2005, 6-3-2011; RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D112]

- D12.8 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the bags.

The differential pressure drop across the bags shall not exceed 5 inches water column

The pressure drop across the bags shall be monitored and recorded once a day on any day the baghouse is in operation

Records shall be kept for at least 5 years in a manner approved by the District and made available to District personnel upon request

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(1)-Modeling, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C136, C145]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D135.1 The operator shall inspect, adjust, and certify the ignition or fuel injection timing of this engine a minimum of once every 3 years of operation. Inspections, adjustments, and certifications shall be performed by a qualified mechanic and performed in accordance with the engine manufacturer's specifications and procedures.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 2005, 6-3-2011]

[Devices subject to this condition : D14]

D322.2 The operator shall perform a daily inspection and complete the inspection records immediately after each inspection.

[RULE 461, 6-3-2005; RULE 461, 4-6-2012; CARB ORDER G-70-193 (H&S Code 39607(d)), 4-21-2000]

[Devices subject to this condition : D93, D94]

D322.3 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

To comply with this condition, the operator shall keep records for at least 5 years in a manner approved by the District and made available to District personnel upon request.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C136, C145]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.3 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a quarterly basis, at least, unless the equipment did not operate during the entire quarter period. The routine quarterly 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 verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). 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.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C136, D137, D138, D139, D140, D141, D142, D144, C145, D146, D147, D148, D149, D150, D151, D153, D156, D157, D158, D159, D162, D163, D164, D165, D167, D168, D169, D172]

D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1146 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D29, D30]

D330.1 The operator shall have a person that has been trained in accordance with Rule 461 conduct a semi-annual inspection of the gasoline transfer and dispensing equipment. The first inspection shall be in accordance with Rule 461, Attachment B, the second inspection shall be in accordance with Rule 461, Attachment C, 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)-Periodic Monitoring, 12-12-1997; RULE 461, 6-3-2005; RULE 461, 4-6-2012]

[Devices subject to this condition : D126, D127, D131, D132, D133]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D371.2 The operator shall conduct an inspection for visible emissions 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, the operator shall:

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 working days (or during the next fuel oil firing period if the unit ceases firing on fuel oil within the three working day time frame) 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 record by a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D29, D30, D112]

E. Equipment Operation/Construction Requirements

E57.1 The operator shall vent this equipment to the fully operational baghouse under device number C136 whenever this equipment is in operation.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(1)-Modeling, 5-10-1996; RULE 1303(b)(1)-Modeling, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D141, D144, D156, D157, D158, D159]

E57.2 The operator shall vent this equipment to the fully operational baghouse under device number C145 whenever this equipment is in operation.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(1)-Modeling, 5-10-1996; RULE 1303(b)(1)-Modeling, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D150, D153, D162, D163, D164, D165]

E57.3 The operator shall vent this equipment to a Diesel Particulate Filter which is fully functional and is certified by California Air Resource Board as level 3 whenever it is in operation.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012; RULE 2005, 6-3-2011]

[Devices subject to this condition : D216, D217, D218, D219, D235]

E71.4 The operator shall only operate this equipment for more than 50 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that: 1) 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 2) the engine is located in a utility service block that is subject to the rotating outage.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012]**

[Devices subject to this condition : D81, D124, D173]

- E71.5 The operator shall only operate this equipment for more than 50 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage provided that the engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1470, 5-4-2012]**

[Devices subject to this condition : D81, D124, D125, D173, D176, D180, D216, D217, D218, D219]

- E71.6 The operator shall only operate this equipment for more than 30 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that: 1) 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 2) the engine is located in a utility service block that is subject to the rotating outage.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012]**

[Devices subject to this condition : D14, D80]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E71.7 The operator shall only operate this equipment for more than 30 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage provided that the engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012]**

[Devices subject to this condition : D14, D80]

E71.10 The operator shall only use this equipment to transfer Jet-A fuel aircraft.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D122, D128, D177, D214, D228, D230]

E71.11 The operator shall only use this equipment to transfer fuel to aircrafts.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : D122, D128, D177, D214]

E71.12 The operator shall only allow new equipment installations and subsequent service and repair for any certified component of this equipment for which this permit was issued, be performed by a current and certified person who has successfully completed the manufacturer's training course and appropriate International Code Council (ICC) certification. 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..

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[**RULE 461, 6-3-2005; RULE 461, 4-6-2012**]

[Devices subject to this condition : D126, D127, D131, D132, D133]

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

Or returned to the process and shall not be handled in a manner that may results in the re-release of the materials to the atmosphere

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C136, C145]

E193.1 The operator shall operate and maintain this equipment according to the following specifications:

The fuel injection timing of this engine shall be set and maintained at 1.7 degrees retarded relative to production timing as established by Detroit Diesel in its product announcement "Injection Timing Retard Instruction Conformance With The SCAQMD s General Permit Registration Program 6V92TA Generator Set Engine Model 8063-7416".

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002**]

[Devices subject to this condition : D80]

E193.3 The operator shall operate and maintain this equipment according to the following specifications:

The fuel injection timing of this engine shall be set and maintained at 4 degrees retarded relative to production timing as established by Caterpillar product news bulletin "Requirements To Comply With SCAQMD Certified Equipment".

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002**]

[Devices subject to this condition : D81]

E193.4 The operator shall operate and maintain this equipment according to the following specifications:

All phase I and phase II vapor recovery equipment shall be installed, operated and maintained in accordance with the recommended procedures and schedule of the manufacturer.

The manuals of the equipment or their copies shall be readily accessible on site and made available to District representatives upon request.

[**RULE 1401, 9-10-2010; RULE 461, 6-3-2005; RULE 461, 4-6-2012**]

[Devices subject to this condition : D93, D94]

E193.7 The operator shall restrict the operation of this equipment according to the following requirements:

CEQA document has been approved by the Lead Agency for this project or any future project(s). The document has to be submitted to the District prior to operation of this equipment

The operator shall notify the District within 24 hours of the installation of the equipment and at least two weeks prior to the initial operation of the equipment. Notification shall be made in a manner approved by the District.

[**RULE 1303, 5-10-1996; RULE 1303, 12-6-2002**]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C136, D137, D138, D139, D140, D141, D142, D144, C145, D146, D147, D148, D149, D150, D151, D153, D155, D156, D157, D158, D159, D161, D162, D163, D164, D165, D167, D168, D169, D170, D172]

E193.8 The operator shall operate and maintain this equipment according to the following requirements:

For the purpose of this condition, sand is excluded from the requirements of condition A103.1

[RULE 401, 3-2-1984; RULE 401, 9-11-1998; RULE 403, 4-2-2004; RULE 403, 6-3-2005]

[Devices subject to this condition : D137, D138, D139, D140, D142, D146, D147, D148, D149, D151, D167, D168, D169, D172]

E193.10 The operator shall operate and maintain this equipment according to the following requirements:

operate and maintain the equipment and its emission 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

meet the requirements of 40 CFR 89, 94, and/or 1068, as they apply

[40CFR 60 Subpart III, 6-28-2011]

[Devices subject to this condition : D216, D217, D218, D219]

E193.11 The operator shall purchase this equipment according to the following requirements:

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

the engine shall be certified to comply with applicable emission standards specified in 40 CFR 60.4205(b) for the same model year and maximum engine power

[40CFR 60 Subpart III, 6-28-2011]

[Devices subject to this condition : D216, D217, D218, D219]

E193.12 The operator shall install this equipment according to the following requirements:

according to the manufacturer's emission related specifications

[40CFR 60 Subpart III, 6-28-2011]

[Devices subject to this condition : D216, D217, D218, D219]

E202.1 The operator shall clean and maintain this equipment according to the following specifications:

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

HIGH PRESSURE WATER SPRAYS OF AT LEAST 150 PSIG SHALL BE INSTALLED AND OPERATED AT THE FOLLOWING LOCATIONS:

- (A) FEED HOPPER
- (B) ALL CONVEYOR TRANSFER POINTS,
- (C) SCREEN FEED INLET AND OUTLET,
- (D) CRUSHER INLET AND OUTLET,

ALL FITTINGS AND HOSES OF THE HIGH PRESSURE WATER SPRAY SYSTEM SHALL BE KEPT TIGHT SUCH THAT THERE ARE NO LEAKS OR DRIPS. IF LEAKS OR DRIPS OCCUR, THEY MUST BE REPAIRED WITHIN 8 HOURS AFTER DETECTION.

A THOROUGH DESCRIPTION OF THE ACTUAL NOZZLE SIZES, LOCATIONS, AND FLOW RATES SHALL BE SUBMITTED TO THIS AGENCY WITHIN 30 DAYS AFTER INSTALLATION IS COMPLETED.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001; RULE 403, 4-2-2004; RULE 403, 6-3-2005]

[Devices subject to this condition : D167, D168, D169, D172]

E202.2 The operator shall clean and maintain this equipment according to the following specifications:

The filter cartridges shall be cleaned at least once a month

Dust collected from this equipment shall be discharged only into enclosed containers

[RULE 402, 5-7-1976]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C116]

E202.3 The operator shall clean and maintain this equipment according to the following specifications:

Removal of the diesel particulate filter's filter media for cleaning may only occur under the following conditions:

- 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
- The diesel particulate filter's filter media shall be returned and re-installed within 10 working days from the date of removal; and
- 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 5 years

[RULE 1470, 5-4-2012; 40CFR 60 Subpart IIII, 6-28-2011]

[Devices subject to this condition : D216, D217, D218, D219]

E448.1 The operator shall comply with the following requirements:

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

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 5 years

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart III, 6-28-2011]

[Devices subject to this condition : D235]

E448.2 The operator shall comply with the following requirements:

The engine shall comply with the emission standards specified in 40 CFR 60.4204(b) and 4205(b). The operator must comply by purchasing an engine certified to the emission standards in 40 CFR 60.4204(b), or 4205(b) or (c), as applicable, for the model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications

The engine and the control device shall be operated and maintained in accordance with the manufacturer's written emission-related instructions or procedures developed by the operator that are approved by the engine manufacturer. Changes to those emission-related settings that are set by the manufacturer are not allowed

[40CFR 60 Subpart III, 6-28-2011]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D235]

E448.3 The operator shall comply with the following requirements:

The engine and the Johnson Matthey diesel particulate filter shall be operated in accordance with CARB Executive Order DE-08-009-05 or later version

Filter regeneration in accordance to recommendations of filter manufacturer is required every 24 cold starts

Filter cleaning in accordance to recommendations of filter manufacturer is required every 150 half-hour cold starts with associated regenerations or 1000 hours of emergency/standby operation, whichever occurs first

Records of filter regeneration and filter cleaning shall be kept to demonstrate compliance to this condition

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012; RULE 2005, 6-3-2011; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart IIII, 6-28-2011]

[Devices subject to this condition : D235]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415
Refrigerants	40CFR82, SUBPART	F

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1415, 10-14-1994; 40CFR 82 Subpart F, 5-14-1993]

[Devices subject to this condition : E64]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1411
Refrigerants	40CFR82, SUBPART	B

[RULE 1411, 3-1-1991; 40CFR 82 Subpart B, 7-14-1992]

[Devices subject to this condition : E65]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1146.2

[RULE 1146.2, 5-5-2006]

[Devices subject to this condition : E115]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Chromium, Hexavalent	District Rule	1404

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1404, 4-6-1990]

[Devices subject to this condition : E174]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1470
NOX	District Rule	1470
PM10	District Rule	1470
ROG	District Rule	1470
Sulfur compounds	District Rule	431.2

[RULE 1470, 5-4-2012; **RULE 431.2, 5-4-1990**; RULE 431.2, 9-15-2000; **40CFR 60 Subpart III, 6-28-2011**]

[Devices subject to this condition : D216, D217, D218, D219, D235]

I. Administrative

1297.2 This equipment shall not be operated unless the facility holds 325 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[**RULE 2005, 6-3-2011**]

[Devices subject to this condition : D235]

J. Rule 461

J109.1 The operator shall use, except for diesel transfer, the phase I vapor recovery system in full operation whenever this equipment is in use. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1401, 9-10-2010; RULE 461, 6-3-2005; RULE 461, 4-6-2012**]

[Devices subject to this condition : D93, D94, D127]

J110.1 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever gasoline from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1401, 9-10-2010; RULE 461, 6-3-2005; RULE 461, 4-6-2012**]

[Devices subject to this condition : D93, D94, D126, D131, D132, D133]

J110.2 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever methanol from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[**RULE 461, 6-3-2005; RULE 461, 4-6-2012**]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D126, D131, D132, D133]

J120.1 The operator shall have at least one fuel storage tank at this facility that is methanol compatible and that is U.L. approved for methanol use.

[RULE 1170, 5-6-1988]

[Devices subject to this condition : D127]

J122.1 The operator shall use only methanol-compatible seals, fittings, and piping for receiving and dispensing methanol.

[RULE 1170, 5-6-1988]

[Devices subject to this condition : D127]

J123.1 The operator shall not dispense fuel from this equipment into motor vehicles.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002**]

[Devices subject to this condition : D31, D32]

J373.2 The operator shall comply with the following gasoline transfer and dispensing requirements:

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

a). The Phase II vapor recovery systems 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 (CARB) Executive Order by which the system was certified:

Nitrogen Flowrates (CFH)	Dynamic Back Pressure (Inches of Water)
60	0.50

As required by AQMD Rule 461 or CARB Executive Order, 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 Method TP-201.4. Results shall be submitted to the AQMD, Engineering and Compliance, within seventy-two (72) hours of the test.

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 testing. 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 dynamic back pressure test.

The test shall be conducted as frequently as that required by the most recent amendment to Rule 461 or CARB Executive Order requirements, whichever is more stringent.

b). As required by AQMD Rule 461 or CARB Executive Order, 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, Engineering and Compliance, within seventy-two (72) hours of the test.

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 testing. Such notification shall include the name of the owner or operator; the name of the

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

contractors; the location of the facility; and the scheduled start and completion dates of the static pressure leak decay test.

c). As required by AQMD Rule 461 or CARB Executive Order, a static pressure performance test for the Healy clean air separator using both the vacuum decay procedure and the positive pressure procedure shall be conducted to quantify the vapor tightness of the tank pressure management system. These tests shall be conducted in accordance with Exhibit 4 of CARB Executive Order VR-201-F as a performance test and as a reverification test. Results shall be submitted to the AQMD, Engineering and Compliance, within seventy-two (72) hours of the test.

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 testing. 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 static pressure performance test.

d). As required by AQMD Rule 461 or CARB Executive Order, a vapor to liquid volume ratio test shall be conducted to quantify the vapor to liquid (V/L) volumetric ratio of the Healy clean air separator system. The test shall be conducted in accordance with Exhibit 5 of CARB Executive Order VR-201-F as a performance test and as a reverification test. Results shall be submitted to the AQMD, Engineering and Compliance, within seventy-two (72) hours of the test.

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 testing. 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 vapor to liquid volume ratio test.

e). As required by AQMD Rule 461 or CARB Executive Order, a nozzle bag test shall be conducted on the Healy phase II EVR nozzles to verify the integrity of the vapor valve. The test shall be conducted on any newly installed or replaced Healy phase II EVR nozzles and in accordance with Exhibit 7 of CARB Executive Order VR-201-F. Results shall be submitted to the AQMD, Engineering and Compliance,

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

within seventy-two (72) hours of the test.

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 testing. 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 nozzle bag test.

f). As required by AQMD Rule 461 or CARB Executive Order, the static pressure leak decay test TP-201.3, shall be conducted in accordance with Exhibit 8 of CARB Executive Order VR-202-F. Verification of completing each step as outlined shall be documented. Results shall be submitted to the AQMD, Engineering and Compliance, within seventy-two (72) hours of the test.

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 testing. 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 static pressure leak decay test.

The testing frequency for the above mentioned tests shall be conducted in accordance with the most recent AQMD Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

All records and test results that are required to be maintained by Rule 461 shall be kept on site and made available to AQMD representatives upon request.

[RULE 461, 6-3-2005; RULE 461, 4-6-2012]

[Devices subject to this condition : D126, D131, D132, D133]

J373.3 The operator shall comply with the following gasoline transfer and dispensing requirements:

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Should the facility dispense more than 600,000 gallons of gasoline per calendar year and if the facility undergoes a major modification as defined by CARB's advisory letter number 336, "Enhanced Vapor Recovery Implementation Update" dated April 15, 2005; 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.

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 Vapor 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 by September 1, 2009 when the annual gasoline throughput is greater than 1.8 million gallons, or September 1, 2010 when the annual gasoline throughput is between 600,001 and 1.8 million gallons.

[RULE 461, 6-3-2005; RULE 461, 4-6-2012]

[Devices subject to this condition : D126, D131, D132, D133]

J373.4 The operator shall comply with the following gasoline transfer and dispensing requirements:

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

a). As required by AQMD Rule 461 or CARB Executive Order, 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, Engineering and Compliance, within seventy-two (72) hours of the test.

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 testing. 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 static pressure leak decay test.

The testing frequency for the above mentioned tests shall be conducted in accordance with the most recent AQMD Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

All records and test results that are required to be maintained by Rule 461 shall be kept on site and made available to AQMD representatives upon request.

[**RULE 461, 6-3-2005**; RULE 461, 4-6-2012]

[Devices subject to this condition : D127]

J373.5 The operator shall comply with the following gasoline transfer and dispensing requirements:

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Depending on the system configuration, 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 as a performance test and as a reverification test.

The leak rate 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.

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 PHIL-TITE 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 leak rate and cracking pressure 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 five (5) years and made available to district representatives upon request.

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.

The testing frequency for the above mentioned tests shall be conducted in accordance with the most recent AQMD Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

All records and test results that are required to be maintained by Rule 461 shall be kept on site and made available to AQMD representatives upon request.

[RULE 461, 6-3-2005; RULE 461, 4-6-2012]

[Devices subject to this condition : D127]

J397.1 The operator shall comply with the following CARB Executive Order G-70-193:

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

1. The owner or operator of this equipment shall conduct a physical inspection of the equipment and manually monitor the system gauge levels during gasoline dispensing on a daily operating basis per site. The equipment shall operate within the following gauge levels:

- | | |
|------------------------------|--------------------|
| a) Vapor return line vacuum: | 35" to 65" wc |
| b) Gasoline supply pressure: | 27 psig to 35 psig |
| c) Cargo tank pressure: | less than 18" wc |

All physical inspections and gauge observations shall be recorded in a systems log and be kept on board the mobile fueler at all times.

2. If a violation of the gauge ranges specified in conditions 1a, 1b, or 1c occurs, the owner or operator of this equipment shall:

- Record the date, time period, and fuel totalizing meter reading when the system first began to fail to operate within the specified range.
- Record the date and time that contact was made with an authorized representative to have the system inspected and repaired.
- Record the date and time that the authorized representative inspected the system, provide a written description of the repairs performed, and record the fuel totalizing meter reading.

3. This equipment shall cease all gasoline dispensing operations when any one of the following conditions occur:

- One of the jet pumps is disabled;
- Failing to achieve the minimum operating vacuum of 35" wc within five seconds after the system has been activated for three consecutive dispensing episodes;
- A vacuum level below 15" wc for more than three seconds after the system has reached 35" wc;

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- d) A vacuum level above 85" wc during a dispensing episode to non-ORVR vehicles;
- e) Except during testing operations, a closed valve at the vapor return line connection to each jet pump;
- f) A pressure in the cargo tank headspace exceeding 18" wc for more than five minutes (accumulated) during any sixty minute gasoline dispensing period;
- g) Except during repair operations, an open drain valve in the liquid drop out pot;
- h) Except during testing operations, a closed drain valve at the liquid drop out pot in the liquid removal line;
- i) Any observation of breaks, cracks, or holes in the tank insulation, which affects the insulating properties or durability of the insulation;
- j) The accumulated length of all tears of the nozzle boot (including rips, slits, cracks, etc.) exceeds 0.5" in length; or
- k) The faceplate and fill pipe interface cannot achieve a seal of at least 25 percent of the accumulated circumference of the faceplate.

4. Within thirty (30) days of initial operation and at least once every twelve months from the previous test, a vapor return line vacuum integrity test shall be conducted and pass in accordance with Exhibit 3 of CARB Executive Order G-70-193. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within forty-eight (48) hours of test.

The AQMD shall be notified at telephone number (909) 396-3886 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator of this equipment; the name of the testing contractor; the location of the mobile fueler; and the scheduled start and completion dates of the vapor return line vacuum integrity test.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

5. Within thirty (30) days of initial operation and at least once every twelve months from the previous test, a fill pipe pressure regulation fueling test shall be conducted and pass in accordance with Exhibit 4 of CARB Executive Order G-70-193. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within forty-eight (48) hours of test.

The AQMD shall be notified at telephone number (909) 396-3886 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator of this equipment; the name of the testing contractor; the location of the mobile fueler; and the scheduled start and completion dates of the fill pipe pressure regulation fueling test.

6. Within thirty (30) days of initial operation and at least once every twelve months from the previous test, a ten gallon per minute flowrate limitation test shall be conducted and pass in accordance with Exhibit 5 of CARB Executive Order G-70-193. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within forty-eight (48) hours of test.

The AQMD shall be notified at telephone number (909) 396-3886 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator of this equipment; the name of the testing contractor; the location of the mobile fueler; and the scheduled start and completion dates of the ten gallon per minute limitation test.

7. The individual and company performing any maintenance on any part of the vapor recovery system shall provide at a minimum for the owner or operator of the mobile fueler, a chronological record consisting of the following information for the mobile fueler's maintenance log. The date of service, name of maintenance technician, a contact phone number, a description of and location of any equipment replaced including appropriate test results, and a description of the system problems repaired.

8. A current CARB certification decal shall be displayed on the mobile fueler in a manner approved by the executive officer.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

9. Except for necessary inspections due to equipment failures, and for scheduled maintenance and repairs; the mobile fueler dome hatch shall remain closed and latched at all times. Furthermore, the mobile fueler dome hatch shall remain closed and latched until the head space pressure is less than 2" wc.

10. All physical inspection and gauge observation records; all test results; and all maintenance records as required by this CARB Executive Order shall be prepared, shall be retained for five years, and shall be kept within the mobile fueler and made available to district representatives upon request.

11. In case of demonstrated need to fuel service equipment in the field, this mobile fueler maybe used to fuel motor vehicles off site. If the period of off site fueling will exceed four days, the AQMD shall be notified via telephone at (877) 810-6995 with the following information:

- a) the permit number of the mobile fueler;
- b) the name and phone number of a contact person;
- c) the location where the mobile fueler will be operated;
- d) the estimated time the mobile fueler will be located at this site; and
- e) the distance to the nearest sensitive receptor if located within 1/4-mile of a long-term health care facility, rehabilitation center, convalescent center, retirement home, residence, school, playground, child care center, and athletic facility.

The operator shall operate the mobile fueler in accordance to all of the previously mentioned permit conditions. In addition, the operator shall record the amount of gasoline fuel dispensed while the mobile fueler was located off site, and include this amount as part of their monthly and annual throughput totals.

[**RULE 461, 6-3-2005**; RULE 461, 4-6-2012; CARB ORDER G-70-193 (H&S Code 39607(d)), 4-21-2000]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D93, D94]

K. Record Keeping/Reporting

K67.3 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 for all coating 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 coatings.

For 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 coatings.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E66]

K67.6 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

monthly and annual fuel received and dispensed

test results

inspection and maintenance

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 461, 6-3-2005; RULE 461, 4-6-2012]

[Devices subject to this condition : D126, D127, D131, D132, D133]

K67.10 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The firing rates of lead and, or non-lead bullets on applicable daily, monthly, and yearly basis as required

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 9-10-2010]

[Devices subject to this condition : D110, D111]

K67.11 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

date of operation

hours of operation on the burner or that on the engine, rounded up to one-quarter of an hour

accumulative monthly operating hours

operation log shall be kept on site for at least five years and made available to District personnel upon requested

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D112]

K67.12 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The date of operation

Indication of whether the engine is started manually or automatically

Time reading in hours at the beginning and end of operation

The elapsed time in hours

The reason for operation

The annual total hours of operation (include hours for manual and automatic operation) which shall be recorded no later than January 15th of the following year

The records shall be kept for a minimum of five calendar years prior to the current year and made available to District personnel upon request.

[RULE 1110.2, 2-1-2008; RULE 1110.2, 9-7-2012; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1304(c)-Offset Exemption, 6-14-1996; RULE 1470, 5-4-2012; RULE 2005, 6-3-2011; RULE 2011, 5-6-2005; RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart III, 6-28-2011]

[Devices subject to this condition : D3, D4, D7, D8, D11, D12, D13, D14, D16, D17, D19, D25, D26, D56, D58, D63, D80, D81, D86, D87, D88, D89, D101, D103, D124, D125, D173, D176, D180, D216, D217, D218, D219]

K67.13 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment cleaning dates

Records shall be kept for minimum 5 years and made available to District personnel upon request

[RULE 402, 5-7-1976]

[Devices subject to this condition : C116]

K67.15 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Monthly throughput of jet A fuel being transferred by this equipment

Records shall be kept for minimum five years and made available upon request

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D122, D128, D214, D228, D230]

K67.16 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

total hours of operation of the engine for each month for 1) emergency use, 2) testing and Maintenance, 3) other uses - describe reason of operating

Indication of whether the engine is started manually or automatically

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

The annual total hours of operation (include hours for manual and automatic operation) which shall be recorded no later than January 15th of the following year

The records shall be kept for a minimum of five calendar years prior to the current year and made available to District personnel upon request.

[RULE 1110.2, 2-1-2008; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1304(c)-Offset Exemption, 6-14-1996; RULE 1470, 5-4-2012; RULE 2005, 6-3-2011; RULE 2011, 5-6-2005; RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart III, 6-28-2011]

[Devices subject to this condition : D216, D217, D218, D219, D235]

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES <u>13</u>	PAGE <u>1</u>
	APPL. NO. 558592	DATE 12/07/2013
	PROCESSED BY T TRAN	CHECKED BY

PERMIT TO CONSTRUCT/OPERATE

COMPANY NAME AND ADDRESS

LOS ANGELES CITY, DEPT. OF AIRPORTS aka Los Angeles World Airport (LAWA)
 7301 WORLD WAY WEST, 3rd FLOOR
 LOS ANGELES, CA 90045
 SCAQMD ID #800335

Contact: Lisa Dugas (424) 646-6485

EQUIPMENT LOCATION

TERMINAL 5, LOS ANGELES INTERNATIONAL AIRPORT
 LOS ANGELES, CA 90045

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 13	PAGE 2
	APPL. NO. 558592	DATE 12/07/2013
	PROCESSED BY T TRAN	CHECKED BY

EQUIPMENT DESCRIPTION

Section D of the Facility Permit, ID# 800335, Facility Description and Equipment Conditions

Equipment	ID No.	Connected To	Source Type/ Monitoring Unit	Emissions	Conditions
PROCESS 1: POWER GENERATION					
INTERNAL COMBUSTION ENGINE, AT TERMINAL 5, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL QSX15-G9, TURBOCHARGED, 755 BHP A/N: 558593	D235	C237	NOx: PROCESS UNIT	CO: 0.52 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012; 40CFR 63 Subpart IIII, 12-22-2006]; NOX: 172 LBS/1000 GAL DIESEL (1) [RULE 2005, 6-3-2011]; NOX + ROG: 3.9 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012; RULE 2005, 6-3-2011; 40CFR 60Subpart IIII, 6-28-2011]; PM: 0.023 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012; 40CFR 60Subpart IIII, 6-28-2011]; PM:(9) Rule 404, 2-7-1986;	C1.4, C1.11, D12.1, E57.3, E448.2, E448.3, H23.6, I297.2, K67.16
DIESEL PM FILTER, JOHNSON MATTHEY, MODEL CRT(+)-3-N, 0.68 FT ³ CATALYST CAPACITY	C237	D235			E448.1, E448.2, E448.3

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 13	PAGE 3
	APPL. NO. 558592	DATE 12/07/2013
	PROCESSED BY T TRAN	CHECKED BY

BACKGROUND

LAWA is an aviation service facility. On December 4, 2013, LAWA submitted A/N 558593 for modification permit to operate G24719 (A/N 548254) for the emergency internal combustion engine (ICE) under device D235 and A/N 558592 to revise its facility permit. Permit to construct/operate G24719 was issued on June 6, 2013 and the equipment was installed and started operation in August 2013. At this time, the applicant requests to remove the secondary air pollution control device, i.e., a selective catalytic reduction (SCR) system.

The applicant requests to remove the SCR for the following reasons:

- SCR has not been a Lowest Achievable Emission Rate (LAER)/Best Available Control Technology (BACT) for an emergency ICE to control nitrogen oxides (NOx). It was proposed and installed beyond LAER/BACT requirements.
- SCR has not become "achieved in practice (AIP)" LAER/BACT according to LAER/BACT Guidelines.
- It is too labor intensive to maintain the SCR.

When filed for a permit to construct/operate this Tier-3 engine under the application 548254, the applicant proposed to install it with a diesel particulate filter (DPF) and a SCR while at that time, LAER/BACT requirements were to vent a Tier-3 ICE to an DPF. So the installation of the SCR to the engine with DPF was beyond the LAER requirements. According to LAER/BACT Guidelines, the installation with a SCR, would become a "new" LAER if this new low emission is achieved in practice. But new LAER has not been achieved because this engine has not been operated with SCR for at least 183 days to be considered achieved in practice so modification of this engine to operate it without SCR is subject to and meets LAER with Tier 3 engine and DPF.

LAWA is a Title V and NOx RECLAIM facility so the proposed revision will be subjected to the requirements of Regulations 20 and 30 along with State and federal applicable codes and regulations.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 13	PAGE 4
	APPL. NO. 558592	DATE 12/07/2013
	PROCESSED BY T TRAN	CHECKED BY

PROCESS DESCRIPTION

The applicant uses an ARB certified DPF made by Johnson Matthey which reduces 80% of CO, 20% NOx, 70% of VOC and 85% of PM emissions. This is a passive regenerating device which normally burns off contaminants trapped in it once it is operated at higher than 460⁰F for about an hour. The operator is still required to exercise the regeneration after each 24 cold starts for the catalyst by running the engine at the manufacturer’s recommended load and duration. Also, the operator is continue required to thoroughly clean the DPF after every 1000 hours of emergency/standby uses or 150 half-hour cold starts with associated regenerations by removing and bake the catalyst with an external heat source in a furnace or kiln for several hours to remove residues.

CRITERIA POLLUTANTS EMISSIONS

Emissions from the IC engines are calculated based on the manufacturer guaranteed level.

Engine Manufacturer	Cummins
Engine Model Number	QSX15-G9
Engine Specifications	Turbocharged and aftercooled
Engine brake horsepower (BHP)	755
Fuel:	#2 CARB Diesel
Fuel Usage (Gallons/hour):	34.4
Annual Operation Limit (hours):	200
Annual Maintenance Limit (hours):	50
Stack Flow	3625 ACFM
Stack Temperature	900.0 °F

The following emission factors are proposed by the applicant and warranted by the manufacturer.

NOx+NMHC (grams/bhp-hr)	4.8 ¹ 3.9 ²
VOC (grams/bhp-hr)	0.1 ¹ 0.03 ²
CO (grams/bhp-hr)	2.6 ¹ 0.52 ²
PM (grams/bhp-hr)	0.15 ¹ before the diesel particulate filter 0.02 ² after the diesel particulate filter
SOx(grams/bhp-hr)	0.005 ³

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 13	PAGE 5
	APPL. NO. 558592	DATE 12/07/2013
	PROCESSED BY T TRAN	CHECKED BY

The hourly emissions are:

NOx (lbs/hr):	$3.9 * 755 / 454 =$	6.49
CO (lbs/hr):	$0.52 * 755 / 454 =$	0.86
VOC (lbs/hr):	$0.1 * 755 / 454 =$	0.17
PM (lbs/hr):	$0.02 * 755 / 454 =$	0.03
SOx (lbs/hr):	$0.005 * 755 / 454 =$	0.01

¹ Engine emissions provided by manufacturer

² 85% PM, 70% HC, 80% CO and 20% NOx controlled for CARB certified DPF, noted:

NOx+NMHC emissions is 20% controlled as uncontrolled emissions consist mostly NOx

³ Equivalent emission factor for fuel oil with sulfur content 15 ppm by weight

Emission increases are then calculated by assuming 50 hours of annual maintenance, or 4.3 hours per month.

Emissions of the Emergency Engine

	NOx	CO	VOC	PM	SOx
Hourly (lbs/hour)	6.49	0.86	0.17	0.03	0.00
Monthly Total (lbs)	28.10	3.61	0.71	0.13	0.01
Emission Increase (lbs/day, 30-day Avg.)	0.94	0.12	0.02	0.01	0.00

TOXIC AIR CONTAMINANTS EMISSIONS

Removing the SCR from this engine will not change emissions of diesel PM which is a cancer risk contributor. Re-assessment of toxic air contaminant emissions and cancer risk analysis is, therefore, not required.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 13	PAGE 6
	APPL. NO. 558592	DATE 12/07/2013
	PROCESSED BY T TRAN	CHECKED BY

RULE EVALUATIONS

Title 40 Part 60, Subpart III – NSPS for IC Engines

Emergency compression ignition engines of model year 2007 or later with a displacement of < 30 liters per cylinder must comply with the emission standards required by §60.4202 of this subpart. The engine has a total displacement of 15 liters/6 cylinders = 2.5 liters/cylinder, and has a horsepower rating of 755 HP. Engines greater than 750 HP and manufactured after 2011 shall meet the performance standard of 40 CFR 89.112 and 89.113. According to 40 CFR 89.112 this engine will have to comply with the Tier 2 emissions limits, i.e., 4.8 grams/bhp-hr NOx+NMHC, 2.6 grams/bhp-hr CO and 0.15 grams/bhp-hr PM. This engine meets more stringent Tier 3 performance standards and also is vented to a DPF with exhaust emissions of 3.9 grams/bhp-hr NOx+NMHC, 0.52 grams/bhp-hr CO and 0.02 grams/bhp-hr PM without SCR so continue in compliance with this regulation is anticipated.

Title 40 Part 63, Subpart ZZZZ – NESHAP for IC Engines

The facility is not a NESHAP major source because the facility does not have potential to emit any single hazardous air pollutant (HAP) at a rate of 10 tons (9.07 megagrams) or more per year or any combination of HAP at a rate of 25 tons (22.68 megagrams) or more per year. This facility, therefore, is not subject to this subpart.

California Environmental Quality Act (CEQA)

Based on the form 400 CEQA submitted by the applicant, this modification does not triggers CEQA review.

Rule 212 – Standards for Approving Permits and Issuing Public Notice

The engine is not located within 1,000 feet of any K-12 school. It is not subject to the requirements of Rule 212(c)(1). SCR does not control diesel particle emission so removing it from this engine will not change the maximum individual cancer risk (MICR) which was calculated to be 0.5 in one million, less than one in a million. This modification is not subject to the public notification requirements of Rule 212(c)(3).

The engine’s emissions are less than the limits specified in Rule 212(g). It is not subject to the requirements of Rule 212(g).

Rule 401 – Visible Emissions

Continue in compliance with this rule is expected.

Rule 402 – Nuisance

Continue in compliance with this rule is expected.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 13	PAGE 7
	APPL. NO. 558592	DATE 12/07/2013
	PROCESSED BY T TRAN	CHECKED BY

Rule 404 – Particulate Matter - Concentration

Removing the SCR from this engine will not change diesel PM emission so continue in compliance with this rule is expected.

Rule 431.2 – Sulfur Content of Liquid Fuels

Diesel fuel supplied to this equipment must contain 15 ppm or less sulfur by weight. The facility only use CARB certified diesel. The facility permit has a facility condition F14.2 that enforces this rule. Compliance is expected.

Rule 1110.2 – Emissions from Gaseous- and Liquid-fueled Engines

This rule does not apply to emergency power generator.

Regulation XIII – New Source Review for Non-Attainment Pollutants

This regulation is applicable to CO, PM, VOC and SOx emissions from this engine. It is not applicable to NOx because the engine is located in a RECLAIM facility. Since removing the SCR will change only NOx emissions, the requirements of this regulation are not triggered.

Rule 1401 – New Source Review of Toxic Air Contaminants

Emergency ICEs are not subject to the requirements of this rule.

Rule 1470 – Requirements for Stationary Diesel Engines

This rule specifies emissions limits, hours of operation, and requirement of diesel particulate filter to new or modified diesel engines. The rule was amended on May 4, 2012 to update the requirements. It requires the engine (installed after January 1, 2013) to meet the diesel PM standard for off-road engines of the same rated power, i.e., , 4.8 grams/bhp-hr NOx+NMHC, 2.6 grams/bhp-hr CO and 0.15 grams/bhp-hr PM. To comply with LAER requirements, this engine is also vented to a DPF which further reduces 85% PM, 70% HC, 80% CO and 20% NOx emissions. So this engine will continue to meet the requirements of this rule without the SCR.

Rule 1472 – Requirements for Multiple Stationary Emergency Diesel Engines

According to LAWA, in the email dated April 12, 2013, along with this proposed engine (D235), LAWA has 3 other engines under devices D4, D19 and D88 which are potentially subject to the requirements of this rule because they are stationary, emergency, compressed ignited and non-fire pump driver engines. But these engines do not form a “group” of engines as defined by this rule because D19 is 217 meters away to the east, D88 is 226 meters away to the west, and that only D4 is within 150 meter of D235. The facility is exempt from the requirements of this rule pursuant to section (d)(1)(C).

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 13	PAGE 8
	APPL. NO. 558592	DATE 12/07/2013
	PROCESSED BY T TRAN	CHECKED BY

Regulation XVII – Prevention of Significant Deterioration (PSD)

This rule does not apply to this modification because this facility is not a major source as defined by this regulation, and that the modification of the engine is not a major modifications.

Regulation XX – RECLAIM

This modification will increase the emission of NOx at a RECLAIM facility so it triggers the requirements of this regulation. Also, this is a TV facility so it is subject to LAER federal BACT.

LAER/BACT:

It is determined that Tier 3 engine with DPF is applicable LAER, rather than Tier 3 engine with DPF and SCR, for this modification because the emission level of a setup consisting of a Tier 3 engine with DPF and SCR has not been "achieved in practice". According to the LAER/BACT Guidelines, new technology or emission level is considered achieved in practice when it is satisfied the following criteria: commercial availability, reliability, and effectiveness. As discussed below, emission level of Tier 3 engine with DPF and SCR is commercial available, but not proven reliable nor effective so it has not established new LAER yet:

- The emission level with SCR is guaranteed by the vendor so it is commercial available.
- The emission level is not proven reliable because SCR installed and began to operate on this engine since August 2013 which is less than 183 days to be considered reliable by the LAER/BACT Guidelines. St. Jude Medical Center in Anaheim, CA is the only other facility known by the undersigned engineer, confirmed by Cummins Cal Pacific's representative, Mr. P. O'Hara at 949-253-6021 in a conference in October 2013, that installed (in October-November 2013) emergency engines with SCRs. Installations at St. Jude Medical Center have not deemed reliable either as the equipment have not been in operation for more than 183 days.
- Emission levels of NOx for this engine and those installed at St. Jude Medical Center have not been source tested to verify performance effectively over the range of operation of the SCR on emergency ICEs.

This modification subject to LAER/BACT requirements and the applicable LAER is a Tier 3 engine vented to a DPF which are what the applicant is proposing. Compliance with LAER requirements is achieved.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 13	PAGE 9
	APPL. NO. 558592	DATE 12/07/2013
	PROCESSED BY T TRAN	CHECKED BY

MODELING:

Emergency engine is exempted from modeling requirements

OFFSET:

Offset are provided in the form of RECLAIM trading credits (RTC). The annual RTC requirements are based on 50 hours operation per year.

$$RTC = 6.49 \text{ lb/hr} * 50 \text{ hr/yr} = 325 \text{ lbs/yr}$$

Records show that this facility has 46,115 lb NOx/yr RTC available. This amount is sufficient to offset the NOx emission increase from this modification.

Condition I297.2 is revised to require 325-lb NOx RTC as the result of this change.

Rule 2012 – Monitoring, Reporting, and Recordkeeping for NOx

The engine is RECLAIM process unit and is equipped with a non-resettable elapsed time meter to accurately indicate the operating time. The operator/applicant is required to keep operating records of the engine as stated in permit condition(s). Continue in compliance with this rule is expected.

Regulation XXX – Title V Permit

The proposed modification of the engine is a de minimus significant permit revision as defined in Rule 3000(b)(7). A draft permit revision will be prepared for this project (under application number 558592). In accordance with Title V requirements, a copy of the draft permit revision and the engineering evaluation will be provided to the EPA for review.

A permit to construct/operate to the engine and a revision of the facility permit are recommended with the following conditions:

CONDITIONS

- C1.4 The operator shall limit the operating time to no more than 200 hour(s) in any one year.
[Rule 1110.2-Exemptions, Rule 1303-BACT Requirements, Rule 1304 Modeling & Offset Exemptions, Rule 1470, Rule 2005, Rule 2012, 40 CFR 60, subpart III]

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 13	PAGE 10
	APPL. NO. 558592	DATE 12/07/2013
	PROCESSED BY T TRAN	CHECKED BY

[Devices subject to this condition: D235]

- C1.11 The operator shall limit the maintenance and testing to no more than 50 hour(s) in any one year.

[Rule 1303-BACT Requirements, Rule 1304 Modeling & Offset Exemptions, Rule 1470, Rule 2005, Rule 2012, 40 CFR 60, subpart III]

[Devices subject to this condition: D235]

- D12.1 The operator shall install and maintain a non-resettable totalizing time meter to accurately indicate the elapsed operating time of the engine.

[Rule 1110.2-Exemptions, Rule 1304 Modeling & Offset Exemptions, Rule 1470, Rule 2005, Rule 2012, Rule 3004(a)(4)-Periodic Monitoring, 40 CFR 60, subpart III]

[Devices subject to this condition: D235]

- E57.3 The operator shall vent this equipment to a diesel particulate filter which is fully functional and is certified by California Air Resources Board as level 3 whenever it is in operation.

[Rule 1303 BACT Requirements, Rule 1470, Rule 2005, 40 CFR 60, subpart III]

[Devices subject to this condition: D235]

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 13	PAGE 11
	APPL. NO. 558592	DATE 12/07/2013
	PROCESSED BY T TRAN	CHECKED BY

E448.1 The operator shall comply with the following requirements:

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 5 years.

[Rule 3004(a)(4)-Periodic Monitoring, 40 CFR 60, subpart III]

[Device subject to this condition: C237]

E448.2 The operator shall comply with the following requirements:

The engine shall comply with the emission standards specified in 40 CFR 60.4204(b) and 4205(b). The operator must comply by purchasing an engine certified to the emission standards in 40 CFR 60.4204(b), or 4205(b) or (c), as applicable, for the model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications.

The engine and the control device shall be operated and maintained in accordance with the manufacturer's written emission-related instructions or procedures developed by the operator that are approved by the engine manufacturer. Changes to those emission-related settings that are set by the manufacturer are not allowed.

[40 CFR 60, subpart III]

[Devices subject to this condition: D235, C237]

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 13	PAGE 12
	APPL. NO. 558592	DATE 12/07/2013
	PROCESSED BY T TRAN	CHECKED BY

E448.3 The operator shall comply with the following requirements:

The engine and the Johnson Matthey diesel particulate filter shall be operated in accordance with CARB Executive Order DE-08-009-05 or later version.

Filter regeneration in accordance to recommendations of filter manufacturer is required every 24 cold starts.

Filter cleaning in accordance to recommendations of filter manufacturer is required every 150 half-hour cold starts with associated regenerations or 1000 hours of emergency/standby operation, whichever occurs first.

Records of filter regeneration and filter cleaning shall be kept to demonstrate compliance to this condition.

[Rule 1470, Rule 1303-BACT, Rule 2005-BACT, Rule 3004(a)(4)-Periodic Monitoring, 40 CFR 60, subpart III]

[Devices subject to this condition: D235, C237]

H23.6 This equipment is subject to the requirements of Rules 431.2 and 1470.

[Rule 431.2, Rule 1470]

[Device subject to this condition: D235]

I297.2 This equipment shall not be operated unless the facility holds 325 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[Rule 2005 – Offsets]

[Devices subject to this condition: D235]

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES 13	PAGE 13
	APPL. NO. 558592	DATE 12/07/2013
	PROCESSED BY T TRAN	CHECKED BY

K67.16 The operator shall keep a log of engine operations documenting the total time the engine is operated each month and the specific reason for operation as.

- A. Emergency Use
- B. Maintenance and Testing
- C. Other (be specific)

In addition, for each time the engine is manually started, the log shall include the date of engine operation, the specific reason for operation, and the totalizing hour meter reading (in hours and tenths of hours) at the beginning and the end of the operation.

On or before January 15th of each year the operator shall record in the engine operating log:

- A. The total hours of engine operation for the previous calendar year,
- B. The total hours of engine operation for maintenance and testing for the previous calendar year

Records shall be kept and maintained on file for a minimum of five years and made available to district personnel upon request.

[Rule 1470, Rule 3004(a)(4)-Periodic Monitoring, 40 CFR 60.4214(b)]

[Devices subject to this condition: D235]