

**ANTELOPE VALLEY**  
**AIR QUALITY MANAGEMENT DISTRICT**

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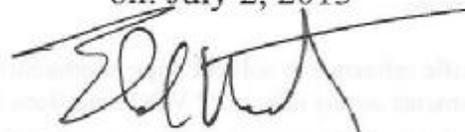
**Federal Operating Permit Number: 097001754**

**For: Lockheed Martin Aeronautics Company**

**Facility: Plant 10 and Sites 2, 7 (LM operated), and 8, Air Force  
Plant 42  
1011 Lockheed Way, Palmdale CA**

**Issued Pursuant to AVAQMD Regulation XXX  
Effective Date: July 2, 2008**

**●See Title V for Permit Revision Summary●  
This Federal Operating Permit Expires  
on: July 2, 2013**



**Issued By: Eldon Heaston  
Executive Director  
Air Pollution Control Officer**

## HISTORY OF REVISIONS

**March 25, 2013 – Minor Permit Modification described as follows;**

Facility added (2) Portable HVLP Paint Spray Systems venting to Portable Air Pollution Control Equipment (PAPCE), District permit numbers P011695, P011696 and C011697, C011698 respectively. FOP updated with these four new equipment units, Parts I (C)-Permitted Equipment List and Part III (151) and (152). Part III identifies each permit unit specific applicable requirements.

**October 4, 2012 – Minor Permit Modification described as follows;**

Annual and semi-annual compliance reporting reports due date language and reporting period revised. See Part IV, (13 and 14).

Lockheed Martin Aeronautics Co (LM). is terminating its lease of Air Force Plant 42, Site 7, (although partial occupation may continue) therefore the following equipment, designated by District Permit Number, will no longer be owned/operated by LM; E006404, S006411, B006409, B006410, E007093, S006447, S006412, E006406, C006413, and E006403.

Updates will be made to Part I and III of LM FOP reflecting these changes. The changes do not affect LM current status with respect to the following; LM will remain a Title V source, an Area Source of Toxics, and a major source pursuant to the AVAQMD New Source Review program for the nonattainment pollutants NOx, VOC, and PM10. Additionally, all general permit references to Site 7 will be removed from the FOP.

The Responsible Official is changed from John Wagner to John Larson

**Additional updates;**

Part I and III updated with the following cancellations.

The following District Permit numbers (FOP Condition number) are cancelled; B008752 (85), A006463 (11), C006464 (11), B006457 (115), B006434 (113), C008424 (123), C008423 (123), S010655 (143), S010656 (144), S006424 (61), and S006492 (72). Mist eliminators, Condition 123, removed from source-no resulting emissions increase.

Part III, (106), Condition 1. Specific reference to solvent wipe booths S010655 and S010656 removed. Not a relaxation of permit requirements as any release of VOC emissions is accounted for in building 636 VOC emission cap.

*Changes made by C. Anderson*

**March 20, 2012 – Minor Permit Modification described as follows;**

Part II, (32) added facility wide requirements for GHGs pursuant to District Rule 3011.

Part III, (150) added one, new, emergency, diesel-fired, generators with District Permit No E011477.

*Changes made by S. Haggard*

**January 9, 2012 – Administrative Amendment described as follows;**

Revised Part III conditions for Spray Gun equipment with District Permit numbers P010148, P01080, P010051, P010052, P010178, and P010179 to coincide with implementation of NESHAP 6H's at LM. Revised spray gun language to specifically prohibit spray application of coatings which contain compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd) to metal and plastic surfaces. Note; Permits P010178, P010180, P010051, and P010052 were inadvertently cancelled in the Title V permit due to miscommunication with LM facility staff, however, were not cancelled on the District level. *Changes made by C. Anderson*

**October 24, 2011 - Minor Permit Modification described as follows;**

Part I through III updates include;  
Update District Permit status from ATC to PTO- No.s E011076, E010468, S010655, and S010656.  
Location of District Permit T006465 changed from building 637 to 629.  
Removed Suzie Quist from the facility contacts. Updated facility contact name.  
The following District Permits were cancelled; P010178, P010180, P010051, and P010052.  
Permit unit C006425 equipment and conditions combined with Permit C010991. C006425 cancelled, updated Parts I-III as necessary.  
Part III, (149) added two new emergency diesel generators with District Permit No's E011311 and E011312.

**April 11, 2011- Minor Permit Modification described as follows;**

Part III, (106)-Increase (annually 148 lb) hourly NOx emission limit from RTO (limit was not BACT requirement), clarified test methods, test frequency revised, and removal of outdated conditions initial testing conditions.

**March 15, 2011- Administrative Amendment described as follows;**

Part I, (C) and Part III,(44)- updates to reflect change in use of portable diesel engine from emergency use to low-use. District permit # changed from E006812 to B006812. No emissions change resulting from this action.

**December 2, 2010-Administrative Amendment described as follows;**

Updated Responsible official name and phone number.  
*Changes made by C. Anderson*

**November 24, 2010-Minor Permit Modification described as follows;**

Part I, (C) and Appendix B, updated tables to reflect addition of new equipment unit E011076.  
Added to Part III, No.148 and applicable conditions for new emission unit E011076.  
Part III, No. 137a. (E010468) revised condition #3 to reflect the reduction in maintenance and testing hours pursuant to joint NSR action with No. 148 (E011076).  
*Changes made by C. Anderson*

**August 30, 2010-Administrative Amendment described as follows;**

Part I (C) and Appendix B, updated tables to reflect equipment units B008422, C008424, and C008423 relocation from building 637 to 651.

Part III (43) & (44), Corrected conditions consistent with historical and current use at this facility. No emissions increases or applicable SIP rule condition changes. Changes involve Local and State only.

*Changes made by C. Anderson*

**August 18, 2010-Minor Modification Permit Amendments described as follows;**

Part III (106), revised conditions to reflect changes made to permit condition verbiage and compliance test method requirements.

*Changes made by C. Anderson*

**June 17, 2010-Minor Modification Permit Amendments described as follows;**

Part I(C), updated "Permitted Equipment" table with new concentrator/RTO equipment (permits C006425/TBD).

Part I (C), revised "Permitted Equipment" table to include column containing Part III condition numbers.

Part III(106), revised conditions to reflect install and NSR requirements.

Part IV (B)(13), replaced annual with semi-annual and revised reporting due from 90 to 30 days.

Part IV (B)(14), revised reporting due from 90 to 30 days in accordance with rule 3003 requirements.

*Changes made by C. Anderson*

**October 21, 2009-Administrative Permit Amendments described as follows;**

Comments were received from LM regarding changes dated August 24, 2009. Listed below are changes to the permit in response to those comments.

Deleted 1500 lb/month VOC limit from Part III, Equipment Specific Applicable Limits, no's 86 (AVAQMD Permit # B009972) and 105 (AVAQMD Permit # B006423). This condition is not applicable as both booths have historically vented to RTO (C006425) and continue to do so.

Deleted condition from Part III, no's 143 (AVAQMD Permit # S010655) and 144 (AVAQMD Permit # S010656) which required use of exhaust filters and associated CDM. This equipment is for wipe down solvent use only and PM is not of concern as no spray applying inside booth occurs. Booths also vent to RTO.

District rules are not listed in Appendix A, but rather referenced in Appendix A. Changes were made globally indicating this.

Equipment with AVAQMD Permit #'s: C006490, B006485, B006449, C006471, C006450, T006483, T006487, T010187 have been cancelled with the AVAQMD and were therefore removed from permit.

Added equipment to Part III, no. 145 (AVAQMD Permit # P010148). This equipment initially left off permit.

Added to Part III, no. 146 (AVAQMD Permit # T010403) and no.147 (AVAQMD Permit # T010404). Equipment permitted post Title V permit issuance. Emissions expected to be minimal.

Revised following permit language;

Part II, no's 1,5 and 6

From:

CDM - The CARB Visible Emissions Evaluation shall be used to determine compliance with Rule 401. Owner/Operator will perform a VE Evaluation if emissions are observed or upon public complaint. VE evaluation records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

To: CDM - The CARB Visible Emissions Evaluation shall be used to determine compliance with Rule 401. *A VE Evaluation will be performed* if emissions are observed or upon public complaint. VE evaluation records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

Part II, no. 4

From:

CDM - Compliance with Rule 403 requires the Owner/Operator's submittal of notification and a fugitive dust control plan not more than 7 days after qualifying as a large operation or as a medium operation under a U.S EPA contingency notification, unless the activity is considered exempt from Rule 403. In addition a daily record of actions taken will be maintained if a large operation or if medium operation under contingency notification. Records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

To:

CDM - Compliance with Rule 403 requires the Owner/Operator's submittal of notification and a fugitive dust control plan not more than 7 days after qualifying as a large operation (defined as means any active operations on property which contains in excess of 100 acres of disturbed surface area; or any earth-moving operation which exceeds a daily earth-moving or throughput volume of 7,700 cubic meters (10,000 cubic yards) three times during the most recent 365-day period) or as a medium operation (defined as any active operations on property which contains between 50 and 100 acres of disturbed surface area; or any earth-moving operation with a daily earth-moving or throughput volume of between 3,850 cubic meters (5,000 cubic yards) and 7,700 cubic meters (10,000 cubic yards) three times during the most recent 365-day period) under a U.S EPA contingency notification, unless the activity is considered exempt from Rule 403. In addition a daily record of actions taken will be maintained if a large operation or if medium operation under contingency notification. Records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

Part III cond no 13(AVAQMD PERMIT # A007056 and C007651)delete CDM B; Part III cond nos 81(S009629) and 82(S010188) added as cond #5 and renumbered 5 to #6...also added CDM D. Cond no 85 (B008752), #3 change to USEPA method 319 from Method 19; no 121(B010207) corrected from 30 to 40 CFR; no's 132(T010185 and T010186) and 133 revised to "vapor pressure greater than". Changed filter quantity description on District permit C006425 to allow broader range of equally effective filters to be used. *Changes made by C. Anderson*

**August 24, 2009-Administrative Changes described as follows;**

Add permit condition on coating and curing line, No. B009972 to limit emissions to 1500 pounds per month.

-Add a permit condition to the silk screen equipment, No. B006423 to limit emissions to 1500 pounds per month. The current limit is not listed on the permit.

-Add the silk screen equipment, No. B006423, which vents to the RTO, to the permit No. C006425 equipment list:

B009972 Coating & Curing Oven Line (Site Layout No. 16 & 17)

B006423 Silk Screening Equipment (Site layout No. 12).

Applicant proposes to maintain separate permits for this equipment and therefore requests a cross-reference on Permit C006425

-Revise Part III, No. 137 to specifically identifying one of the three diesel 1100 bhp engines with District permit number E010468. This equipment unit will now be referenced in Part III of the FOP as No. 137a.

-Included reference to District rules in Appendix A.

-Updated permit item lists/ location.

*Changes made by C. Anderson*

**August 24, 2009-Minor Permit Modification described as follows;**

Permit condition #1 for the RTO (C006425) is being modified to adjust the daily limit to monthly.

The equipment list for the RTO will be modified to exclude reference to; eight (8) electric ovens including electric oven with District permit No. B007991, five autoclaves, two (2) paint mixing booths and two (2) solvent wiping booths. With the exception of the solvent wiping booths, the ovens, autoclaves and mixing booths are all exempt from District permit (Rule 219 Exempt) and will continue to operate as such. Emissions from the exempt equipment negligible, with exception to mixing booths and solvent wiping booths. Inactivated AVAQMD Permit No. B007991 pursuant to AVAQMD permit exemption (Rule 219 (D) (10) (b). Solvent wiping booths identified as LM # 10150241 and LM # B0757492 are being disconnected from the TOS. These two booths will be individually permitted by the AVAQMD and conditions will be added along with both booth permit numbers. Solvent wiping booth identified as LM # 738400 will be removed. Final decision/determination completed on this action on 10/28/09. *Changes made by C. Anderson*

**December 4, 2008- Administrative Permit Amendment described as follows;** One new stationary emergency diesel generator added to Plant 10, building 611 (District application number 00010276). ERC's obtained and used for offsetting increases in emissions of NOx. Equipment added is presently listed by reference and includes all required applicable District, State, and Federal operating conditions. *Changes made by C. Anderson*

## TABLE OF CONTENTS

	<u>Page</u>
Part I.	Introductory Information, Part I page 7
Part II.	Facility wide Applicable Requirements, Part II page 16
Part III.	Equipment Specific Applicable Requirements, Part III page 31
Part IV.	Standard Conditions, Part IV page 117
Part V.	Operational Flexibility, Part V page 127
Part VI.	Conventions, Abbreviations, Definitions; Part VI page 129
Appendix A	Rule References
Appendix B	Permitted Equipment by Location

**PART I**  
**INTRODUCTORY INFORMATION**

**B. FACILITY IDENTIFYING INFORMATION:**

<u>Owner/Company Name:</u>	Lockheed Martin Aeronautics Company
<u>Owner Mailing Address:</u>	Lockheed Martin Aeronautics Company 1011 Lockheed Way Palmdale, CA 93599
<u>Facility Name:</u>	Plant 10 and Sites 2, 7 (LM operated), and 8, Air Force Plant 42
<u>Facility Location:</u>	1011 Lockheed Way, Palmdale CA
<u>Mailing Address:</u>	Lockheed Martin Aeronautics Company 1011 Lockheed Way Palmdale, CA 93599
<u>AVAQMD Federal Operating Permit Number:</u>	097001754
<u>AVAQMD Company Number:</u>	0970
<u>AVAQMD Facility Number:</u>	01754
<u>Responsible Official:</u>	John Larson
<u>Title:</u>	VP and Palmdale Site General Manager
<u>Phone Number:</u>	(661) 572-7578
<u>Facility Contacts:</u>	Laura Verity
<u>Phone Number:</u>	(661) 572-3298
<u>Nature of Business:</u>	Aircraft Assembly, Maintenance and Modification
<u>SIC Code:</u>	3720 – Aircraft and Parts
<u>Facility Location:</u>	UTM (Km): 398.0E/3830.9N

B. DESCRIPTION OF FACILITY:

Federal Operating Permit, (FOP number: 097001754) for Lockheed Martin Aeronautics Company, located at 1011 Lockheed Way Palmdale, CA 93599. The facility is designed to assemble, maintain, and modify military aircraft. Facilities include the following; Abrasive Blasting and Control Equipment, Ink Mixing Equipment, Foam Processing Equipment, Paint Spray Booths, Paint Spray Guns, Flow Coaters, Ovens, Portable Air Pollution Control Equipment (PAPCE), an UVOX Emission Control System, a Thermal Oxidizer Emission Control System, Internal Combustion Engines (ICEs), Boilers, an SCR System for Boiler #3 in Building 603, Fuel Dispensing Facilities, Fuel Storage Tanks, a Still for Recycling Paint Thinner, Coolant Storage Tanks, a Jet Engine Test Stand, a Silk Screen Printing Press, a Shredder, and a Process Line.

C. PERMITTED EQUIPMENT:

<b>Permit #</b>	<b>Title V Part III Condition</b>	<b>Permit Status</b>	<b>Permit Type</b>	<b>Permit Description</b>	<b>Location</b>
A006367	1	PTO	Basic	Abrasive Blasting Room	Building 211, Site 2
C006383	1	PTO	Control Device	Baghouse/Dust Collector	
A006389	8	PTO	Basic	Abrasive Blasting Cabinet	Building 601, Plant 10
C006388	8	PTO	Control Device	Baghouse/Dust Collector	
A006408	9	PTO	Basic	Abrasive Blasting Cabinet	Building 601, Plant 10
C006400	9	PTO	Control Device	Baghouse/Dust Collector	
A006416	10	PTO	Basic	Abrasive Blasting Cabinet	Building 211, Site 2
C006422	10	PTO	Control Device	Baghouse/Dust Collector	
A006421	2	PTO	Basic	Abrasive Blasting Room	Building 637A, Plant 10
A006431	3	PTO	Basic	Abrasive Blasting Room	Building 646, Plant 10
C006482	3	PTO	Control Device	Baghouse/Dust Collector	
A006463	11	<i>Cancelled</i>			
C006464	11	<i>Cancelled</i>			
A006473	14	PTO	Basic	Abrasive Blasting Pot/Portable System	Building 211, Site 2
A006474	15	PTO	Basic	Abrasive Blasting Pot/Portable System	Building 211, Site 2
A006475	16	PTO	Basic	Abrasive Blasting Pot/Portable System	Building 211, Site 2
A006500	4	PTO	Basic	Abrasive Blasting Room	Building 636, Plant 10

<b>Permit #</b>	<b>Title V Part III Condition</b>	<b>Permit Status</b>	<b>Permit Type</b>	<b>Permit Description</b>	<b>Location</b>
A006505	5	PTO	Basic	Abrasive Blasting Room	Building 646, Plant 10
C006506	5	PTO	Control Device	Baghouse/Dust Collector	
C006507	5	PTO	Control Device	Baghouse/Dust Collector	
A006508	12	PTO	Basic	Abrasive Blasting Cabinet	Building 601, Plant 10
A006888	6	PTO	Basic	Abrasive Blasting Room	Building 601, Plant 10
C006391	6	PTO	Control Device	Baghouse/Dust Collector	
A007054	7	PTO	Basic	Abrasive Blasting Room	Building 610, Plant 10
S006448	67	PTO	Basic	Spray Booth	
C007055	7	PTO	Control Device	Baghouse/Dust Collector	
A007056	13	PTO	Basic	Abrasive Blasting Cabinet	Building 610, Plant 10
C007651	13	PTO	Control Device	Baghouse/Dust Collector	
B006116	111	PTO	Basic	Oven	Building 637A, Plant 10
B006117	112	PTO	Basic	Oven	Building 637A, Plant 10
B006162	57	PTO	Basic	Jet Engine Test Stand	Plant 10
B006360	49	PTO	Basic	Boiler #2	Building 210, Site 2
B006365	50	PTO	Basic	Boiler #1	Building 210, Site 2
B006376	51	PTO	Basic	Boiler #3	Building 210, Site 2
B006409	52	<i>Cancelled</i>			
B006410	53	<i>Cancelled</i>			
B006423	105	PTO	Basic	Silk Screening Equipment	Building 636, Plant 10
B006432	17	PTO	Basic	Shredder	Building 613, Plant 10
C006429	17	PTO	Control Device	Baghouse/Dust Collector	
B006434	113	<i>Cancelled</i>			
B006435	114	PTO	Basic	Oven	Building 636, Plant 10
B006436	56	PTO	Basic	Boiler #3	Building 603, Plant 10
C006459	56	PTO	Control Device	SCR	
B006456	87	PTO	Basic	Flow Coater	Building 637A, Plant 10
B006457	115	<i>Cancelled</i>			
B006488	54	PTO	Basic	Boiler #2	Building 603, Plant 10

<b>Permit #</b>	<b>Title V Part III Condition</b>	<b>Permit Status</b>	<b>Permit Type</b>	<b>Permit Description</b>	<b>Location</b>
B006491	55	PTO	Basic	Boiler #1	Building 603, Plant 10
B006509	88	PTO	Basic	Flow Coater	Building 637A, Plant 10
B006886	116	PTO	Basic	Oven	Building 636, Plant 10
B008122	118	PTO	Basic	Oven	Building 646, Plant 10
B008123	119	PTO	Basic	Oven	Building 646, Plant 10
B008124	120	PTO	Basic	Oven	Building 646, Plant 10
B008132	83	PTO	Basic	Coating Line	Building 637A, Plant 10
B008133	84	PTO	Basic	Coating Line	Building 637A, Plant 10
B008422	123	PTO	Basic	Process Line	Building 651, Plant 10
B008752	85	<b>Cancelled</b>			
B009972	86	PTO	Basic	Coating and Curing Oven Line	Building 636, Plant 10
B010110	104	PTO	Basic	Curing Oven	Building 601, Plant 10
B010207	121	ATC	Basic	Batch Ink Mixing Equipment	Building 637A, Plant 10
B010253	122	ATC	Basic	Polyurethane Foam Processing System	Building 645, Plant 10
C006118	107	PTO	Air Pollution Control Device	UVOX	Building 637A, Plant 10
C006413	20	<b>Cancelled</b>			
C006425	106	<b>Cancelled</b>			
C007375	108	PTO	Air Pollution Control Device	Portable Air Pollution Control Device	Building 601, Plant 10
C007747	109	PTO	Air Pollution Control Device	Portable Air Pollution Control Device	Building 602, Plant 10
C008423	123	<b>Cancelled</b>			
C008424	123	<b>Cancelled</b>			

<b>Permit #</b>	<b>Title V Part III Condition</b>	<b>Permit Status</b>	<b>Permit Type</b>	<b>Permit Description</b>	<b>Location</b>
C008733	110	PTO	Air Pollution Control Device	Portable Air Pollution Control Device	Building 211, Site 2
C011697	152	ATC	Air Pollution Control Device	Portable Air Pollution Control Equipment	Facilitywide
C011698	152	ATC	Air Pollution Control Device	Portable Air Pollution Control Equipment	Facilitywide
E006124	22	PTO	Basic	Emergency IC Engine	Building 610, Plant 10
E006370	23	PTO	Basic	Emergency IC Engine	Building 253, Site 2
E006371	24	PTO	Basic	Emergency IC Engine	Building 210, Site 2
E006403	25	<i>Cancelled</i>			
E006404	26	<i>Cancelled</i>			
E006406	27	<i>Cancelled</i>			
E006420	28	PTO	Basic	Emergency IC Engine	Building 615, Plant 10
E006427	29	PTO	Basic	Emergency IC Engine	Building 611, Plant 10
E006446	30	PTO	Basic	Emergency IC Engine	Building 615, Plant 10
E006453	31	PTO	Basic	Emergency IC Engine	Building 601, Plant 10
E006454	32	PTO	Basic	Emergency IC Engine	Building 601, Plant 10
E006470	33	PTO	Basic	Emergency IC Engine	Building 602, Plant 10
E006472	34	PTO	Basic	Emergency IC Engine	Building 616, Plant 10
E006486	35	PTO	Basic	Emergency IC Engine	Building 616, Plant 10
E006496	36	PTO	Basic	Emergency IC Engine	Building 612, Plant 10
E006498	37	PTO	Basic	Emergency IC Engine	Building 603, Plant 10
E006499	38	PTO	Basic	Emergency IC Engine	Building 616, Plant 10
E006510	39	PTO	Basic	Emergency IC Engine	Building 615, Plant 10

<b>Permit #</b>	<b>Title V Part III Condition</b>	<b>Permit Status</b>	<b>Permit Type</b>	<b>Permit Description</b>	<b>Location</b>
E006511	40	PTO	Basic	Emergency IC Engine	Building 615, Plant 10
E006516	41	PTO	Basic	Emergency IC Engine	Building 616, Plant 10
E006522	42	PTO	Basic	Emergency IC Engine	Unit 99
E006811	43	PTO	Basic	Emergency IC Engine	Building 604, Plant 10
B006812	44	PTO	Basic	Diesel IC Engine, Portable Low Use	Building 604, Plant 10
E007092	45	PTO	Basic	Emergency IC Engine	Building 214, Site 2
E007093	46	<i>Cancelled</i>			
E007217	47	PTO	Basic	Emergency IC Engine	Building 604, Plant 10
E008856	48	ATC	Basic	Emergency IC Engine	Building 870, Site 8
E010468	137a	PTO	Basic	Emergency IC Engine	Building 611, Plant 10
E011076		ATC	Basic	Emergency IC Engine	Building 608 Area, Plant 10
N006375	124	PTO	Basic	Gasoline Dispensing, Non-Retail	Building 250, Site 2
N006513	125	ATC	Basic	Gasoline Dispensing, Non-Retail	Building 617, Plant 10
P006362	91	PTO	Basic	Spray Gun	Building 602, Plant 10
P006363	92	PTO	Basic	Spray Gun	Building 602, Plant 10
P006395	93	PTO	Basic	Spray Gun	Building 601, Plant 10
P006440	94	PTO	Basic	Spray Gun	Building 604, Plant 10
P006885	95	PTO	Basic	Spray Gun	Building 604, Plant 10
P009886	96	ATC	Basic	Spray Gun	Building 602, Plant 10
P009887	97	ATC	Basic	Spray Gun	Building 602, Plant 10
P009888	98	ATC	Basic	Spray Gun	Building 602, Plant 10

<b>Permit #</b>	<b>Title V Part III Condition</b>	<b>Permit Status</b>	<b>Permit Type</b>	<b>Permit Description</b>	<b>Location</b>
P010148	145	PTO	Basic	Spray Gun	Building 601, Plant 10
P010051	99	PTO	Basic	Spray Gun	Building 601, ESH
P010052	100	PTO	Basic	Spray Gun	Building 602, Plant 10
P010178	101	PTO	Basic	Spray Gun	Building 601, Plant 10
P010179	102	ATC	Basic	Spray Gun	Building 601, Plant 10
P010180	103	PTO	Basic	Spray Gun	Building 601, Plant 10
P011695	151	ATC	Basic	Spray Gun	Facilitywide
P011696	151	ATC	Basic	Spray Gun	Facilitywide
S006380	58	PTO	Basic	Paint Spray Booth	Building 211, Site 2
S006411	59	<i>Cancelled</i>			
S006412	60	<i>Cancelled</i>			
S006424	61	<i>Cancelled</i>			
S006439	62	PTO	Basic	Paint Spray Booth	Building 645, Plant 10
S006441	63	PTO	Basic	Paint Spray Booth	Building 610, Plant 10
S006442	64	PTO	Basic	Paint Spray Booth	Building 610, Plant 10
S006443	65	PTO	Basic	Paint Spray Booth	Building 610, Plant 10
S006447	66	<i>Cancelled</i>			
S006451	68	PTO	Basic	Paint Spray Booth	Building 610, Plant 10
S006476	69	PTO	Basic	Paint Spray Booth	Building 641, Plant 10
S006478	70	PTO	Basic	Paint Spray Booth	Building 610, Plant 10
S006480	71	PTO	Basic	Paint Spray Booth	Building 636A, Plant 10
S006492	72	<i>Cancelled</i>			
S006493	73	PTO	Basic	Paint Spray Booth	Building 627, Plant 10

<b>Permit #</b>	<b>Title V Part III Condition</b>	<b>Permit Status</b>	<b>Permit Type</b>	<b>Permit Description</b>	<b>Location</b>
S007053	74	PTO	Basic	Paint Spray Booth	Building 601, Plant 10
S007589	75	PTO	Basic	Paint Spray Booth	Building 601, Plant 10
S008119	76	PTO	Basic	Paint Spray Booth	Building 646, Plant 10
S008120	77	PTO	Basic	Paint Spray Booth	Building 646, Plant 10
S008121	78	PTO	Basic	Paint Spray Booth	Building 646, Plant 10
S008564	79	PTO	Basic	Paint Spray Booth	Building 601, Plant 10
S008708	80	PTO	Basic	Paint Spray Booth	Building 601, Plant 10
S009629	81	ATC	Basic	Paint Spray Booth	Building 609, Plant 10
S010188	82	ATC	Basic	Paint Spray Booth	Building 602, Plant 10
S010655	143	<i>Cancelled</i>			
S010656	144	<i>Cancelled</i>			
T006381	126	PTO	Tank (or Silo)	Storage Tank	Building 210, Site 2
T006465	127	PTO	Tank (or Silo)	Storage Tank	Building 629, Plant 10
T006484	129	PTO	Tank (or Silo)	Storage Tank	Building 637, Plant 10
T007374	131	PTO	Tank (or Silo)	Strip Tank	Building 636A, Plant 10
T008033	89	ATC	Basic	Flow Coater	Building 637A, Plant 10
T008515	90	ATC	Basic	Flow Coater	Building 637A, Plant 10
T010185	132	ATC	Basic	Still, Paint Thinner Recycler	Building 629, Plant 10
T010403	146	PTO	Tank (or Silo)	TANK, 3000 GAL WASTE TO COOLANT STORAGE	Building 637, Plant 10

<b>Permit #</b>	<b>Title V Part III Condition</b>	<b>Permit Status</b>	<b>Permit Type</b>	<b>Permit Description</b>	<b>Location</b>
T010404	147	PTO	Tank (or Silo)	TANK, 1500 GAL WASTE WATER FROM PPM	Building 637, Plant 10
T010186	133	ATC	Basic	Storage Tank, Clean Coolant	Building 650, Plant 10
E011311	149	ATC	Basic	Emergency IC Engine	Site 2
E011312	149	ATC	Basic	Emergency IC Engine	Site 2
E011477	150	ATC	Basic	Emergency IC Engine	Site 7 (LM operated), Building 780

## PART II FACILITYWIDE APPLICABLE REQUIREMENTS

1. A person shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is as dark or darker in shade as that designated No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines.

(a) The provisions of this rule shall not apply to abrasive blasting operations.

CDM - The CARB Visible Emissions Evaluation shall be used to determine compliance with Rule 401. A VE Evaluation will be performed if emissions are observed or upon public complaint. VE evaluation records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 401 - *Visible Emissions*; Version in SIP = 3/2/1984 Approved 5/3/1984 49 FR 18822, 40 CFR 52.220(c)(70)(i)(D) and 40 CFR 52.227(b)(4)(i) and 1/29/1985, 40 CFR 52.220(c)(155)(iv)(B) 50 FR 3906; Current Rule Version = 4/7/1989]

2. Owner/Operator must comply with the applicable fuel sulfur requirements specified in Rules 431.1 and 431.2.

CDM - Compliance with fuel sulfur limit for natural gas fuel shall be determined by records supplied from the natural gas supplier documenting the sulfur content of the natural gas supplied as fuel. Compliance with Rule 431.2 fuel sulfur limit for diesel fuel shall be determined by records that the fuel used at the facility is CARB certified diesel fuel with the supplier's fuel analysis guarantee. Records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel. .

[Rule 431.1 - *Sulfur Content of Gaseous Fuels*; Version in SIP = 5/6/1983 Approved 10/19/84, 49 FR 41028, 40 CFR 52.220(c)(137)(vii)(B), Current Rule Version = 11/17/1995]

[Rule 431.2 - *Sulfur Content of Liquid Fuels*; Version in SIP = 2/2/1979 Approved 9/28/81, 46 FR 47451, 40 CFR 52.220(c)(65)(ii)], Current Rule Version = 5/4/1990]

3. No person shall supply any vehicular diesel fuel having a sulfur content exceeding 15 parts per million by weight. The 15 parts per million sulfur standard shall not apply where the person supplying the diesel fuel demonstrates as an affirmative defense that the exceedance was caused by diesel fuel delivered to the facility prior to July 15, 2006, the effective date of the requirement. California nonvehicular diesel fuel is subject to all of the requirements applicable to vehicular diesel fuel.

CDM - Compliance with fuel sulfur limit for diesel fuel shall be determined by records demonstrating that the fuel used at the facility is CARB certified diesel fuel with the supplier's fuel analysis guarantee. Records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel. The sulfur content of diesel fuel shall be determined by use of ASTM Test Method D5453-93 or any other test method determined by the Executive Officer to give equivalent results.

[California Code of Regulations, Title 13, Division 3 Chapter 5 (Standards for Motor Vehicle Fuels) Article 2. Standards for Diesel Fuel and California Code Of Regulations, Title 17. Public Health, Division 3. Air Resources Chapter 1. Air Resources Board Subchapter 7.5 Airborne Toxic Control Measures § 93114(b). Airborne Toxic Control Measure to Reduce Particulate Emissions from Diesel-Fueled Engines – Standards for Nonvehicular Diesel Fuel.]

4. Emissions of fugitive dust from any transport, handling, construction or storage activity at this facility shall not be visible in the atmosphere beyond the property line of the facility.

CDM - Compliance with Rule 403 requires the Owner/Operator's submittal of notification and a fugitive dust control plan not more than 7 days after qualifying as a large operation or as a medium operation under a U.S EPA contingency notification, unless the activity is considered exempt from Rule 403. In addition a daily record of actions taken will be maintained if a large operation or if medium operation under contingency notification. Records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 403 - *Fugitive Dust*; Version in SIP = 5/7/1976 Approved 9/8/1978, 43 FR 40011, 40 CFR 52.220(c)(39)(iii)(C), Current Rule Version = 2/14/1997]

5. Owner/Operator shall not discharge into the atmosphere from this facility, particulate matter, in excess of the concentration at standard conditions, shown in Rule 404, Table 404 (a).
  - (a) Where the volume discharged is between figures listed in the table, the exact concentration permitted to be discharged shall be determined by linear interpolation.
  - (b) A person shall not discharge into the atmosphere from any source, particulate matter in excess of 450 milligrams per cubic meter (0.196 grain per cubic foot) in discharged gas calculated as dry gas at standard conditions.
  - (c) The provisions of this condition shall not apply to emissions resulting from the combustion of liquid or gaseous fuels in steam generators or gas turbines.
  - (d) For the purposes of this condition, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

CDM - The CARB Visible Emissions Evaluation shall be used to determine compliance with Rule 404. A VE Evaluation will be performed if emissions are observed or upon public complaint. VE evaluation records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = 10/5/1979 Approved 9/28/1981, 46 FR 47451, 40 CFR 52.220(c)(58)(ii)(B), Submitted as amended 2/7/1986 on 6/4/1986, approved for SCAQMD area only 9/2/1998; Current Rule Version = 2/7/1986]

6. Owner/Operator shall not discharge into the atmosphere from this facility, solid particulate matter including lead and lead compounds in excess of the rate shown in Rule 405, Table 405(a).
  - (a) Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.
  - (b) For the purposes of this condition, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

CDM - The CARB Visible Emissions Evaluation shall be used to determine compliance with Rule 405. A VE Evaluation will be performed if emissions are observed or upon public complaint. VE evaluation records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 405 - *Solid Particulate Matter, Weight*; Version in SIP = 5/7/1976 Approved 9/28/1981, 46 FR 47451, 40 CFR 52.220(c)(69)(ii), Submitted as amended 2/7/1986 on 6/4/1986 and approved for SCAQMD area only 9/2/1998; Current Rule Version = 2/7/1986]

7. Owner/Operator shall not discharge into the atmosphere from any equipment, except; stationary internal combustion engines, propulsion of mobile equipment, emergency venting due to equipment failure or process upset:
  - (a) Carbon monoxide (CO) exceeding 2,000 ppm by volume measured on a dry basis, averaged over 15 consecutive minutes
  - (b) Sulfur compounds which would exist as liquid or gas at standard conditions, calculated as sulfur dioxide (SO<sub>2</sub>) and averaged over 15 consecutive minutes, exceeding 500 ppm by volume.

The provisions of subsection (b) of this rule do not apply to equipment subject to the emission limits of Regulation XI rules and equipment which complies with the gaseous fuel sulfur content limits of Rule 431.1.

CDM - SCAQMD Method 100.1 or 10.1, 307-91 are used to directly measure CO and SO<sub>2</sub>; however no method is required to demonstrate compliance with Rule 407. Continuous compliance with Rule 407 is assumed.

[Rule 407 - *Liquid and Gaseous Air Contaminants*; Version in SIP 4/2/1982 Approved 11/10/1982 47 FR 50864, 40 CFR 52.220(c)(124)(iv)(A); Current Rule Version = 4/2/1982]

8. A person shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to the atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the Health and Safety Code or of these rules.
  - (a) This condition shall not apply to cases in which the only violation involved is of Section 48700 of the Health and Safety Code, or Rule 402 of these Rules.

CDM - Compliance with Rule 408 shall be determined during periodic facility inspections. Inspection records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 408 - *Circumvention*; Version in SIP = 5/7/1976 Approved 9/8/78, 43 FR 40011, 40 CFR 52.220(c)(39)(iii)(C); Current Rule Version = 5/7/1976]

9. Owner/Operator shall not discharge into the atmosphere from the burning of fuel, combustion contaminants exceeding 0.23 gram per cubic meter (0.1 grain per cubic foot) of gas calculated to 12 percent of carbon dioxide (CO<sub>2</sub>) at standard conditions averaged over a minimum of 15 consecutive minutes.
  - (a) The condition shall not apply to jet engine test stands and emissions from internal combustion engines.

CDM - The CARB Visible Emissions Evaluation shall be used to determine compliance with Rule 409. A VE Evaluation will be performed if emissions are observed or upon public complaint. VE evaluation records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 409 - *Combustion Contaminants*; Version in SIP = 8/7/1981 Approved 7/6/82, 47 FR 29231, 40 CFR 52.220(c)(103)(xviii)(A); Current Rule Version = 8/7/1981]

10. All coatings, diluents, thinners, solvents and methods of application not subject to another source-specific Regulation XI rule shall comply with AVAQMD Rule's 442, as referenced in Appendix A. Pursuant to Rule 442, a person shall not discharge VOCs into the atmosphere from all VOC containing materials, emissions units, equipment or processes subject to this rule, in excess of 540

kilograms (1,190 pounds) per calendar month per Facility.

- (a) The limits of this rule do not apply to aerosol products, pesticides including, herbicides, insecticides and/or rodenticides, or to the storage and transport of organic solvents.

CDM - Compliance with Rule 442 shall be determined using Material Safety Data Sheet information and recordkeeping required pursuant to Rule 109 as referenced in Appendix A. Material Safety Data Sheets and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 442 - *Usage of Solvents*; Version in SIP = 3/5/1982 Approved 11/16/1983, 48 FR 52054, 40 CFR 52.220(c)(125)(ii)(D); Current Rule Version = 11/15/2005; *Current version of the rule eliminates the hourly and daily limits, eliminates the references to photochemical and nonphotochemical reactivity, sets a facility-wide calendar monthly limit of 1190 pounds of VOC, and adds an exemption for aerosol products. For compliance purposes the current version of the rule shall apply*]

[Rule 204 – Permit Conditions; [Version in SIP = 8/19/1997 Approved 2/22/2005, 70 FR 8557, 40 CFR 52.220(c)(254)(i)(E)(3); Current Rule Version = 8/19/1997]

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

11. Owner/Operator's use of *Architectural Coatings* at this facility shall comply with the requirements of Rule 1113, including the VOC limits specified in Rule 1113 and referenced in Appendix A referenced in Appendix A.

CDM - Compliance with the VOC content limits of Rule 1113 shall be determined using Material Safety Data Sheet information and Rule 109 daily architectural coating usage records. Material Safety Data Sheets and Rule 109 daily architectural coating usage records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 1113 - *Architectural Coatings*; Version in SIP = 3/18/2003 Approved 8/6/2004, 69 FR 52432, 40 CFR 52.220(c)(316)(i)(F)(1); Current Rule Version = 3/18/2003]

12. *Aerospace Assembly And Component Manufacturing Operations* at this facility shall comply with the requirements of Rule 1124, including the VOC limits specified in Rule 1124 and referenced in Appendix A referenced in Appendix A.

CDM - Compliance with the Rule 1124 VOC content limits and solvent use requirements shall be determined using Material Safety Data Sheet information and recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Compliance with the transfer efficiency requirements and rule exemption limits shall be determined using recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Material Safety Data Sheets and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 1124 - *Aerospace Assembly And Component Manufacturing Operations*; Version in SIP = 1/13/1995 Approved 5/6/1996, 61 FR 20136, 40 CFR 52.220(c)(215)(I)(A)(5); Current Rule Version = 3/20/2007; *Current version of the rule adds specialty coating categories including adhesives - high temperature autoclavable, adhesive bonding primer - military, fuel tank coating - rapid cure, and mold-release coating. For compliance purposes the current version of the rule shall apply.*]

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

13. *Coating Of Metal Parts And Products* at this facility shall comply with the requirements of Rule 1107, including the VOC limits specified in Rule 1107 and referenced in Appendix A referenced in Appendix A.

CDM - Compliance with the Rule 1107 VOC content limits and solvent use requirements shall be determined using Material Safety Data Sheet information and recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Compliance with the transfer efficiency requirements and rule exemption limits shall be determined using recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Material Safety Data Sheets and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 1107 - *Coating Of Metal Parts And Products*; Version in SIP = 5/12/1995 Approved 7/14/1995, 60 FR 36230, 40 CFR 52.220(c)(222)(i)(A)(1); Current Rule Version = 3/8/1996; *Current version of the rule includes an exemption for aerosol products. For compliance purposes the current version of the rule shall apply.*]

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

14. Owner/Operator's use of *Wood Products Coatings* at this facility shall comply with the

requirements of Rule 1136, including the VOC limits specified in Rule 1136 and referenced in Appendix A.

CDM - Compliance with the Rule 1136 VOC content limits and solvent use requirements shall be determined using Material Safety Data Sheet information and recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Compliance with the transfer efficiency requirements and rule exemption limits shall be determined using recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Material Safety Data Sheets and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 1136 - *Wood Products Coatings*; Version in SIP = 9/8/1995 Approved 10/31/1995, 60 FR 55312, 40 CFR 52.220(c)(225)(i)(A)(1); Current Rule Version = 6/14/1996: *Current version adds coating categories, raises VOC limit for high solids stains, adds lb VOC/lb solid compliance option, and adds a transfer efficiency exemption for applying compliant materials. For compliance purposes the current version of the rule shall apply.*]

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

15. Owner/Operator's use of *Plastic, Rubber and Glass Coatings* at this facility shall comply with the requirements of Rule 1145, including the VOC limits specified in Rule 1145 and referenced in Appendix A.

CDM - Compliance with the Rule 1145 VOC content limits and solvent use requirements shall be determined using Material Safety Data Sheet information and recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Compliance with the transfer efficiency requirements and rule exemption limits shall be determined using recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Material Safety Data Sheets and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 1145 – *Plastic, Rubber and Glass Coatings*; Version in SIP = 1/10/1992 Approved 12/20/1993, 58 FR 66286, 40 CFR 52.220(c)(191)(i)(A)(1); Current Rule Version = 2/14/1997; *Current version references compliance with Rule 1171 in place of rule references to solvent cleaning and stripping requirements and adds an airbrush transfer efficiency exemption. For compliance purposes the current version of the rule shall apply.*]

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

16. *Adhesive Applications* at this facility shall comply with the requirements of Rule 1168, including the VOC limits specified in Rule 1168 and referenced in Appendix A.

Appendix A.

CDM - Compliance with the Rule 1168 VOC content limits and solvent use requirements shall be determined using Material Safety Data Sheet information and recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Compliance with the transfer efficiency requirements and rule exemption limits shall be determined using recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Material Safety Data Sheets and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 1168 – *Adhesive Applications*; Version in SIP = SIP Pending; Submitted as amended 12/10/1993 on 10/19/1994. Current Version = 4/11/1997]

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

17. Owner/Operator of this facility shall comply with the Solvent Cleaning Operations requirements of District Rule 1171 as referenced in Appendix A.

CDM - Compliance with the Rule 1171 VOC content limits and solvent use requirements shall be determined using Material Safety Data Sheet information and recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Compliance with the cleaning device and methods requirements, requirement that solvent not be atomized unless directed to a control device, and rule exemption limits shall be determined using recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Material Safety Data Sheets and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 1171- *Solvent Cleaning*; Version in SIP = 9/13/1996 Approved 5/24/2001, 66 FR 28666, 40 CFR 52.220(c)(262)(i)(e)(2); Current Rule Version = 11/17/1998; *Current version of the rule limits solvents used for repair and maintenance cleaning to 900 g/l VOC or 20 mmHg composite partial pressure at 20 degrees C. For compliance purposes the current version of the rule shall apply.*]

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

18. All paint, coating, solvent, adhesive or resin containers including drums, buckets, cans, pails, trays or other application containers shall be kept closed when not in use. All paints, coatings, solvents, adhesives or resins used shall be stored in non-absorbent, non-leaking containers and all evidence of spilled material shall be cleaned up immediately. All cloth and paper moistened with VOC-containing paints, coatings, solvents, adhesives or resins shall be stored in closed, non-absorbent, non-leaking containers.

CDM - Compliance with the requirement that all VOC-containing materials be stored in closed containers and that all cloth or paper moistened with VOC-containing material shall be stored in closed containers shall be determined during a periodic spray booth/coating operation inspection. Periodic inspection records, either paper or computerized and including the name of the person performing the inspection, the date and time of the inspection and the results and corrections, if any, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 1107 - *Coating Of Metal Parts And Products*; Version in SIP = 5/12/1995 Approved 7/14/1995, 60 FR 36230, 40 CFR 52.220(c)(222)(i)(A)(1); Current Rule Version = 3/8/1996; *Current version of the rule includes an exemption for aerosol products. For compliance purposes the current version of the rule shall apply.*]

[Rule 1113 - *Architectural Coatings*; Version in SIP = 3/18/2003 Approved 8/6/2004, 69 FR 52432, 40 CFR 52.220(c)(316)(i)(F)(1); Current Rule Version = 3/18/2003]

[Rule 1124 - *Aerospace Assembly And Component Manufacturing Operations*; Version in SIP = 1/13/1995 Approved 5/6/1996, 61 FR 20136, 40 CFR 52.220(c)(215)(I)(A)(5); Current Rule Version = 3/20/2007; Current Rule Version = 3/20/2007; *Current version of the rule adds specialty coating categories including adhesives - high temperature autoclavable, adhesive bonding primer - military, fuel tank coating - rapid cure, and mold-release coating. For compliance purposes the current version of the rule shall apply.*]

[Rule 1162 - *Polyester Resin Operations*; Version in SIP = SIP Pending; Submitted as amended 5/13/1994 on 5/24/1994; Current Rule Version = 5/13/1994]

[Rule 1168 - *Adhesive Applications*; Version in SIP = SIP Pending; Submitted as amended 12/10/1993 on 10/19/1994. Current Rule Version = 4/11/1997]

[Rule 1171- *Solvent Cleaning*; Version in = SIP 9/13/1996 Approved 5/24/2001, 66 FR 28666, 40 CFR 52.220(c)(262)(i)(e)(2); Current Rule Version = 11/17/1998: *Current version of the rule limits solvents used for repair and maintenance cleaning to 900 g/l VOC or 20 mmHg composite partial pressure at 20 degrees C. For compliance purposes the current version of the rule shall apply.*]

19. VOC emissions from this facility excluding operations in Buildings 636 and 637A shall not exceed 625 pounds in any one day, midnight to midnight.

CDM - Compliance with the coating and solvent usage limits shall be determined using recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time

by District, State or Federal personnel.

[Regulation XIII- New Source Review; Version in SIP = SIP Pending; Submitted as amended 3/20/2001 on 10/31/2001; Approved for SCAQMD 12/4/1996, 61 FR 64291, 40 CFR 52.220(c)(240)(i)(A)(1); Conditionally Approved 6/9/1982, 47 FR 25013, 40 CFR 52.220(c)(87)(v)(A); Conditionally Approved 1/21/1981, 46 FR 5965, 40 CFR 52.220(c)(68)(i); Current Rule Version = 3/20/2001]

20. Owner/Operator's *Polyester Resin Operations* at this facility shall comply with the requirements of Rule 1162, including the Material and Process limits specified in Rule 1162 and referenced in Appendix A.

CDM - Compliance with the Material and Process limits of Rule 1162 shall be demonstrated through daily recording of the following information: (a) The manufacturer's name, the type and amount of each of the polyester resin materials used; (b) The weight (in percent) of monomer for all polyester resin materials, and, if adding VOC-containing materials to the polyester resin, the amount of VOC-containing materials, in grams, and the VOC content in grams per liter, of VOC-containing materials; (c) For vapor suppressed resins, a certificate from a resin manufacturer for each resin type; and (d) For closed-mold and pultrusion systems, the weight loss (in percent) of polyester resin materials for each application. If an emissions control system is used as a means of complying with Rule 1162 daily records of all key system parameters, including hours of operation, temperatures, pressures and flow rates, that are necessary to demonstrate compliance with control efficiency requirements shall also be maintained.

[Rule 1162 – *Polyester Resin Operations*; Version in SIP = SIP Pending; Submitted as amended 5/13/1994 on 5/24/1994; Current Rule Version = 5/13/1994]

21. Owner/Operator's use of *Abrasive Blasting* at this facility shall comply with the requirements of Rule 1140 as specified in Appendix A.

CDM - The CARB Visible Emissions Evaluation shall be used to determine compliance with the Rule 1140 visible emissions requirements. A VE Evaluation will be performed if emissions are observed or upon public complaint. VE evaluation records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM - Compliance with the operating and material requirements of the rule shall be determined during a periodic inspection. Periodic inspection records, either paper or computerized and including the name of the person performing the inspection, the date and time of the inspection and the results and corrections, if any, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 1140 – *Abrasive Blasting*; Version in SIP = 2/1/1980 Approved 9/28/1981, 46 FR 47451, 40 CFR 52.220(c)(67)(i)(B); Current Rule Version = 8/2/1985]

22. Owner/Operator of permit units subject to Comprehensive Emissions Inventory Report / Annual Emissions Determinations for District, State, and Federal required Emission Inventories shall monitor and record for each unit the cumulative annual usage of each fuel type. The cumulative annual usage of each fuel type shall be monitored from utility service meters, purchase or tank fill records.

CDM - Compliance demonstration shall be through the retention of fuel use records. Annual usage of each fuel type shall be monitored from utility service meters, purchase or tank fill records. Records shall be kept on-site and available for review at any time by District, State or Federal personnel.

[40 CFR 70.6 (a)(3)(B) - *Periodic Monitoring Requirements*] (for Periodic Monitoring Requirements; see Part II and Part III conditions)

[Regulation 204 – *Permit Conditions*; [Version in SIP = 8/19/1997 Approved 2/22/2005, 70 FR 8557, 40 CFR 52.220(c)(254)(i)(E)(3); Current Rule Version = 8/19/1997]

[California Clean Air Act, Health and Safety Code §§39607 and §§44300 et seq., and the Federal Clean Air Act, §110(a)(2)(F)(ii), codified in 40 CFR 60 Subpart Q]

23. Owner/Operator shall comply with the applicable provisions of 40 CFR 61, *National Emission Standards for Hazardous Air Pollutants*, subpart A, *General Provisions*, and subpart M, *Asbestos*.

CDM - Compliance demonstration shall be through the retention of records demonstrating that the training required pursuant to 40 CFR 61.145 (c)(8) has been completed. Training records shall be kept on-site and available for review at any time by District, State or Federal personnel.

[40 CFR 61, subparts A and M]

24. Owner/Operator shall notify APCO/District at least 10 working days before any applicable asbestos stripping or removal work is to be performed as required by section 61.145.b of 40 CFR 61 subpart M, *National Emission Standard for Asbestos*.

CDM - Compliance demonstration shall be through the retention of all notifications, which shall be kept on-site and available for review at any time by District, State or Federal personnel.

[40 CFR 61.145.b]

25. Owner/Operator shall notify the APCO/District, on an annual basis, postmarked by December 17 of the calendar year, of the predicted asbestos renovations for the following year as required by section 61.145.b of 40 CFR 61, subpart M [see cite for threshold triggering and

applicability].

CDM - Compliance demonstration shall be through the retention of all annual submittals, which shall be kept on-site and available for review at any time by District, State or Federal personnel.

[40 CFR 61.145.b]

26. Total emissions of Hazardous Air Pollutants (HAP) at this facility shall be less than 10 tons per twelve months for any single HAP and less than 25 tons per twelve months for any combination of HAPs, calculated on a rolling twelve-month basis.

CDM - Compliance with the HAP emission limits shall be determined using Material Safety Data Sheet information and recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Material Safety Data Sheets and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

27. Operator shall keep adequate records to verify daily usage and daily VOC emissions in accordance with Rule 109. MSDS for all coatings, solvents, adhesives and other materials used in these operations shall be kept current, on-site, and provided to AVAQMD personnel upon request.

CDM - Compliance with the VOC limits shall be determined using Material Safety Data Sheet information and recordkeeping required pursuant to Rule 109 and referenced in Appendix A. Material Safety Data Sheets and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*; Version in SIP = 3/6/1992 Approved: 4/13/1995, 60 FR 18751, 40 CFR 52.220(c)(189)(i)(A)(6); Current Rule Version = 5/17/2005]

28. Facility shall comply with the applicable requirements of *Regulation XIII, New Source Review*.

CDM - Compliance demonstration shall be through the retention of all permit applications, which shall be kept on-site and available for review at any time by District, State or Federal personnel.

[Regulation XIII- *New Source Review*; Version in SIP = SIP Pending; Submitted as amended 3/20/2001 on 10/31/2001; Approved for SCAQMD 12/4/1996, 61 FR 64291, 40 CFR

52.220(c)(240)(i)(A)(1); Conditionally Approved 6/9/1982, 47 FR 25013, 40 CFR 52.220(c)(87)(v)(A); Conditionally Approved 1/21/1981, 46 FR 5965, 40 CFR 52.220(c)(68)(i); Current Rule Version = 3/20/2001]

29. On and after January 10, 2011 [excluding operations at AF Plant 42 Sites 2 and 7], owner/operator shall comply with all applicable provisions of 40 CFR 63, *National Emission Standards for Hazardous Air Pollutants*, subpart A, *General Provisions*, and subpart HHHHHH, *Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources*. The initial notification required pursuant to 40 CFR 63.11175(a) shall be submitted by January 11, 2010.

CDM - Compliance demonstration shall be through the retention of all required notifications, records and reports, which shall be kept on-site and available for review at any time by District, State or Federal personnel.

[40 CFR 63.11169 - 11180]

30. On and after January 10, 2011, owner/operator shall comply with all applicable provisions of 40 CFR 63, *National Emission Standards for Hazardous Air Pollutants*, subpart A, *General Provisions*, and subpart CCCCCC, *Gasoline Dispensing Facilities*.

CDM – As monthly gasoline throughput at each GDF at the facility is less than 10,000 gallons, only the requirements of 40 CFR 63.11116 apply. Compliance demonstration shall be through the retention of gasoline throughput and periodic inspection records, which shall be kept on-site and available for review at any time by District, State or Federal personnel.

[40 CFR 63.11110 - 11132]

31. On and after July 1, 2010, owner/operator shall comply with all applicable provisions of 40 CFR 63, *National Emission Standards for Hazardous Air Pollutants*, subpart A, *General Provisions*, and subpart WWWW, *Area Source Standards for Plating and Polishing Operations*.

CDM - Compliance demonstration shall be through the retention of all required notifications, records and reports, which shall be kept on-site and available for review at any time by District, State or Federal personnel.

[40 CFR 63.11504 – 11513]

32. Owner/Operator shall comply with all requirements of Rule 3011 - *Greenhouse Gas Provisions of Federal Operating Permits*. Specifically, the Owner/Operator shall include Greenhouse Gas (GHG) emission data and all applicable GHG requirements with any application, as specified in 3011(D)(1), for a Federal Operating Permit.

[Approval Pending: Rule 3011 - *Greenhouse Gas Provisions of Federal Operating Permits*; as adopted 1/18/2011, submitted 2/22/2011]

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## PART III EQUIPMENT SPECIFIC APPLICABLE REQUIREMENTS

### 1. CONDITIONS APPLICABLE TO ABRASIVE BLASTING ROOM; AVAQMD PERMIT # A006367 AND BAGHOUSE, AVAQMD PERMIT # C006383:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.
2. A mechanical gauge shall be installed and maintained so as to indicate, in inches water column, the static pressure differential across the bags
3. Dust collected in the cyclone/baghouse shall be discharged into a closed container.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

### 2. CONDITIONS APPLICABLE TO ABRASIVE BLASTING ROOM; AVAQMD PERMIT # A006421:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.
2. A mechanical gauge shall be installed and maintained so as to indicate, in inches water column, the static pressure differential across the bags
3. Dust collected in the cyclone/baghouse shall be discharged into a closed container.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

### 3. CONDITIONS APPLICABLE TO ABRASIVE BLASTING ROOM; AVAQMD PERMIT # A006431 AND BAGHOUSE, AVAQMD PERMIT # C006482:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.
2. A mechanical gauge shall be installed and maintained so as to indicate, in inches water column, the static pressure differential across the bags
3. Dust collected in the cyclone/baghouse shall be discharged into a closed container.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

4. CONDITIONS APPLICABLE TO ABRASIVE BLASTING ROOM; AVAQMD PERMIT # A006500:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.
2. A mechanical gauge shall be installed and maintained so as to indicate, in inches water column, the static pressure differential across the bags
3. Dust collected in the cyclone/baghouse shall be discharged into a closed container.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

5. CONDITIONS APPLICABLE TO ABRASIVE BLASTING ROOM; AVAQMD PERMIT # A006505 AND BAGHOUSES, AVAQMD PERMIT # C006506 AND C006507:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.
2. A mechanical gauge shall be installed and maintained so as to indicate, in inches water column, the static pressure differential across the bags
3. Dust collected in the cyclone/baghouse shall be discharged into a closed container.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

6. CONDITIONS APPLICABLE TO ABRASIVE BLASTING ROOM; AVAQMD PERMIT # A006888 AND BAGHOUSE, AVAQMD PERMIT # C006391:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.
2. A mechanical gauge shall be installed and maintained so as to indicate, in inches water column, the static pressure differential across the bags

3. Dust collected in the cyclone/baghouse shall be discharged into a closed container.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

7. CONDITIONS APPLICABLE TO ABRASIVE BLASTING HANGAR (N SIDE OF B/610);  
AVAQMD PERMIT # A007054 AND BAGHOUSE, AVAQMD PERMIT # C007055:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.
2. This abrasive blast booth shall be equipped with tight fitting seals around all openings, such as doors, windows, seams, etc. so as to prevent the escape of particulate matter to the ambient air while in use
3. Only the north end of this building may be used for abrasive blasting. Spray painting (S006448) may also be conducted on the north end. .

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

8. CONDITIONS APPLICABLE TO ABRASIVE BLASTING CABINET; AVAQMD PERMIT  
# A006389 AND BAGHOUSE, AVAQMD PERMIT # C006388:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.
2. Dust collected in the cyclone/baghouse shall be discharged into a closed container.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

9. CONDITIONS APPLICABLE TO ABRASIVE BLASTING CABINET; AVAQMD PERMIT  
# A006408 AND BAGHOUSE, AVAQMD PERMIT # C006400:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.

2. Dust collected in the cyclone/baghouse shall be discharged into a closed container.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

10. CONDITIONS APPLICABLE TO ABRASIVE BLASTING CABINET; AVAQMD PERMIT # A006416 AND BAGHOUSE, AVAQMD PERMIT # C006422:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.
2. Dust collected in the cyclone/baghouse shall be discharged into a closed container.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

11. CONDITIONS APPLICABLE TO ABRASIVE BLASTING CABINET; AVAQMD PERMIT # A006463 AND BAGHOUSE, AVAQMD PERMIT # C006464: *Cancelled*

12. CONDITIONS APPLICABLE TO ABRASIVE BLASTING CABINET; AVAQMD PERMIT # A006508:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.
2. Dust collected in the cyclone/baghouse shall be discharged into a closed container.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

13. CONDITIONS APPLICABLE TO ABRASIVE BLASTING CABINET; AVAQMD PERMIT # A007056 AND BAGHOUSE, AVAQMD PERMIT # C007651:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.
2. Dust collected in the cyclone/baghouse shall be discharged into a closed container.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

14. CONDITIONS APPLICABLE TO PORTABLE ABRASIVE BLASTING SYSTEM POT;  
AVAQMD PERMIT # A006473:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

15. CONDITIONS APPLICABLE TO PORTABLE ABRASIVE BLASTING SYSTEM POT;  
AVAQMD PERMIT # A006474:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

16. CONDITIONS APPLICABLE TO PORTABLE ABRASIVE BLASTING SYSTEM POT;  
AVAQMD PERMIT # A006475:

1. When blasting operations are being performed, equipment shall vent to a fully operational control device.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper

or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

17. CONDITIONS APPLICABLE TO SHREDDER; AVAQMD PERMIT # B006432 AND BAGHOUSE, AVAQMD PERMIT # C006429:

1. The AVAQMD Permit No. B0064323 shredder shall not be operated unless it is vented to the AVAQMD Permit No. C006429 dust collector.
2. Dust collected in the baghouse shall be discharged only into closed containers.
3. A mechanical gauge shall be installed and maintained so as to indicate, in inches water column, the static pressure differential across the bags.

CDM A – Equipment will be periodically inspected for compliance. Compliance shall be demonstrated with a log containing the system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

18. [RESERVED]:

19. [RESERVED]:

20. CONDITIONS APPLICABLE TO AIR POLLUTION CONTROL SYSTEM; AVAQMD PERMIT # C006413: *Cancelled*

21. [RESERVED]:

22. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006124:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.

4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

#### **District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

#### **23. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006370:**

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the

fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

#### **District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

#### **24. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006371:**

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

25. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006403: *Cancelled*

26. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006404: *Cancelled*

27. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT #E006406: *Cancelled*

28. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE,

AVAQMD PERMIT # E006420:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

29. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE,  
AVAQMD PERMIT #E006427:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

#### **District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

#### **30. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006446:**

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.

3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

#### **District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

#### **31. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006453:**

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.

4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

#### **District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

#### **32. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006454:**

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the

fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

**33. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006470:**

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

### **District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

### **34. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006472:**

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

### **District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area

utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.

6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

35. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006486:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that

the outage is no longer in effect or imminent.

6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

36. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006496:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement

with the electrical supplier.

8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

37. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006498:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a

conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.  
Federal personnel.

38. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006499:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

39. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006510:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept

on-site and available for review at any time by District, State or Federal personnel.

40. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006511:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

41. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006516:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours calendar per year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

42. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006522:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.

3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

43. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E006811:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.

4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

#### **District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

#### **44. CONDITIONS APPLICABLE TO DIESEL IC ENGINE, PORTABLE LOW-USE (PLT 10, BLD 604), AVAQMD PERMIT # B006812:**

1. This equipment shall comply with District Rule 1110.2-Emissions From Stationary, Non-road & Portable Internal Combustion Engines.
2. This diesel ICE and its associated equipment cannot be operated at the same footprint (spot) for more than 365 consecutive days. (This system must be moved within this facility or moved to another facility annually.)
3. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% or 15 ppm on a weight per weight basis per CARB Diesel or equivalent requirements. (Title 17 CCR §93116.3(a)) *Compliance with the requirements of this condition demonstrates compliance with the requirements of District Rule 431.2.*

4. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
5. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

6. This unit shall not operate more than a total of 80 hours in any calendar year.
7. This low-use portable diesel-fueled engine (operates 80 hours or less per calendar year) shall be removed from service or replaced no later than January 1, 2017. The replacement engine shall be certified to the most stringent of either the federal or California emission standards for the appropriate class and category of nonroad engine in effect at the time of replacement.
8. The o/o of this unit must submit a Status Report for the entire fleet\* by March 1, 2011. This Status Report should include, but not limited to, the following, for details see Title 17 CCR 93116.4(e)(1):
  - a. The fleet's weighted average PM emission rate for the 2010 calendar year,
  - b. Inventory of portable engines in the fleet,
  - c. Identify, if applicable, each portable diesel-fueled engine that the owner commits to replacing with a Tier 4 engine,
  - d. Listing of portable diesel-fueled engines, if applicable, used exclusively in emergency applications,
  - e. Listing of portable diesel-fueled engines, if applicable, satisfying the low-use engine requirements,
  - f. Listing of portable alternative-fueled engines, if applicable, added to the fleet prior to January 1, 2009, pursuant to section 93116.3(d)(2)(B)2, and
  - g. Listing of portable diesel-fueled engine(s) equipped with Selective Catalytic Reduction (SCR) system(s),

\* Fleet is defined in Title 17 CCR Section 93116.2(p) as one or more portable unit(s).
9. The o/o and/or Responsible Official of a fleet electing to use electrification in determining the fleet average shall submit the report required by Title 17 CCR 93116.4(c)(3) by January 1, 2012.
10. The fleet under control of this o/o is subject to and shall comply with the weighted PM emission fleet averages expressed as grams per brake horsepower-hour (g/bhp-hr) by the listed compliance dates in Title 17 CCR Section 93116.3(c).

Fleet Standard Compliance;

Engines <175 bhp      Engines >175 to 749 bhp      Engines >750 bhp

Date	(g/bhp-hr)	(g/bhp-hr)	(g/bhp-hr)
1/1/2013	0.3	0.15	0.25
1/1/2017	0.18	0.08	0.08
1/1/2020	0.04	0.02	0.02

Fleet is defined in Title 17 CCR Section 93116.2(16). Engines designated as low use or emergency are not subject to the fleet requirements (93116.3 (c)(3)).

11. This unit is subject to the requirements of the Airborne Toxic Control Measure For Diesel Particulate Matter From Portable Engines Rated At 50 Horsepower and Greater (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent shall govern.

45. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E007092:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.

8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

46. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E007093: *Cancelled*

47. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E007217:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or

power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.

8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

48. CONDITIONS APPLICABLE TO EMERGENCY INTERNAL COMBUSTION ENGINE, AVAQMD PERMIT # E008856:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
4. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)

**District/State-only enforceable sections**

5. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
6. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
7. This unit shall not be used to provide power during a voluntary power outage and/or power reduction initiated under an Interruptible Service Contract (ISC), Demand Response Program (DRP), Load Reduction Program (LRP) or other like arrangement with the electrical supplier.

8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

CDM A - Compliance with conditions 1 through 8 shall be demonstrated with a log containing all required information. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

49. CONDITIONS APPLICABLE TO BOILER, AVAQMD PERMIT # B006360:

1. Boiler shall be fired on natural gas only.
2. Except during startups, the flue gas recirculation and oxygen trim systems shall be in full use whenever the boiler is in operation.
3. The burner and its associated air-fuel-flue gas recirculation system shall be tuned at least once a year according to the manufacturer's specification to demonstrate compliance with Rule 1146. The adjustments shall include, but not be limited to, measurements of CO, NO<sub>2</sub>, and O<sub>2</sub> concentrations using a portable cell type or equivalent instrument.

CDM A - Compliance with condition 1 shall be demonstrated with a record containing cumulative annual fuel use. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with condition 2 shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM C - Compliance with condition 3 shall be demonstrated with the annual boiler tuneup reports and records. The reports or records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

50. CONDITIONS APPLICABLE TO BOILER, AVAQMD PERMIT # B006365:

1. Boiler shall be fired on natural gas only.
2. Except during startups, the flue gas recirculation and oxygen trim systems shall be in full use whenever the boiler is in operation.
3. The burner and its associated air-fuel-flue gas recirculation system shall be tuned at least once a year according to the manufacturer's specification to demonstrate compliance with Rule 1146. The adjustments shall include, but not be limited to, measurements of CO, NO<sub>2</sub>, and O<sub>2</sub> concentrations using a portable cell type or equivalent instrument.

CDM A - Compliance with condition 1 shall be demonstrated with a record containing cumulative annual fuel use. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with condition 2 shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM C - Compliance with condition 3 shall be demonstrated with the annual boiler tuneup reports and records. The reports or records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

51. CONDITIONS APPLICABLE TO BOILER, AVAQMD PERMIT # B006376:

1. Boiler shall be fired on natural gas only.
2. Except during startups, the flue gas recirculation and oxygen trim systems shall be in full use whenever the boiler is in operation.
3. The burner and its associated air-fuel-flue gas recirculation system shall be tuned at least once a year according to the manufacturer's specification to demonstrate compliance with Rule 1146. The adjustments shall include, but not be limited to, measurements of CO, NO<sub>2</sub>, and O<sub>2</sub> concentrations using a portable cell type or equivalent instrument.

CDM A - Compliance with condition 1 shall be demonstrated with a record containing cumulative annual fuel use. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with condition 2 shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM C - Compliance with condition 3 shall be demonstrated with the annual boiler tuneup reports and records. The reports or records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

52. CONDITIONS APPLICABLE TO BOILERS, AVAQMD PERMIT # B006409: *Cancelled*

53. CONDITIONS APPLICABLE TO BOILERS, AVAQMD PERMIT # B006410: *Cancelled*

54. CONDITIONS APPLICABLE TO BOILER, AVAQMD PERMIT # B006488:

1. Boiler shall be fired on natural gas only. Fuel shall be monitored by a non-resettable totalizing fuel meter.
2. Except during startups, the flue gas recirculation and oxygen trim systems shall be in full use whenever the boiler is in operation.
3. Equipment shall emit not more than 30 ppm of NO<sub>x</sub>, calculated as NO<sub>2</sub>, and 400 ppm of CO, all measured by volume on a dry basis at 3% O<sub>2</sub>.
4. Perform compliance tests in accordance with the AVAQMD Compliance Test Procedural Manual, at least once every five years commencing in 2003. The test report must be submitted to the District no later than six weeks prior to October 1 of the calendar year in which the report is due. Operator must test NO<sub>x</sub>, as NO<sub>2</sub>, in ppmvd at 3% O<sub>2</sub>, using USEPA reference methods 19 and 20 or equivalent and CO, in ppmvd at 3% O<sub>2</sub> using USEPA reference method 10 or equivalent
5. In any year in which the boiler has a cumulative annual heat input of 200 billion Btu or more, the boiler shall be monitored at least once per day of operation with a P-GEM 3000 SEM. This unit shall be installed, operated and maintained in strict accord with USEPA Conditional Test Method 22, which is equivalent to Method 7E of 40 CFR Appendix A. The P-GEM 3000 shall be operated in compliance with Rule 218 and 40 CFR Appendix F, including quarterly CGAs and annual RATAs. In lieu of compliance with Rule 218 (c) (3) (C) the owner/operator may certify the calibration gases pursuant to the USEPA Traceability Protocol Assay and Certification of Gaseous Calibration Standards (EPA-600/R-97/121)

CDM A - Compliance with condition 1 shall be demonstrated with a log containing cumulative annual fuel use. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel. Compliance with condition fuel sulfur content limit will be demonstrated with a fuel supplier's certification statement on fuel sulfur content. The information shall also be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with condition 2 shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM C - Compliance with conditions 3 and 4 shall be demonstrated with results of each compliance test. The reports or records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM D - Compliance with condition 5, if required, shall be demonstrated with a log of P-GEM readings and associated P-GEM QA data. The reports or records, either paper or computerized, shall be kept on-site and available for review at any time by District, State

or Federal personnel.

55. CONDITIONS APPLICABLE TO BOILERS, AVAQMD PERMIT # B006491:

1. Boiler shall be fired on natural gas only. Fuel shall be monitored by a non-resettable totalizing fuel meter.
2. Except during startups, the flue gas recirculation and oxygen trim systems shall be in full use whenever the boiler is in operation.
3. Equipment shall emit not more than 30 ppm of NO<sub>x</sub>, calculated as NO<sub>2</sub>, and 400 ppm of CO, all measured by volume on a dry basis at 3% O<sub>2</sub>.
4. Perform compliance tests in accordance with the AVAQMD Compliance Test Procedural Manual, at least once every five years commencing in 2003. The test report must be submitted to the District no later than six weeks prior to October 1 of the calendar year in which the report is due. Operator must test NO<sub>x</sub>, as NO<sub>2</sub>, in ppmvd at 3% O<sub>2</sub>, using USEPA reference methods 19 and 20 or equivalent and CO, in ppmvd at 3% O<sub>2</sub> using USEPA reference method 10 or equivalent
5. In any year in which the boiler has a cumulative annual heat input of 200 billion Btu or more, the boiler shall be monitored at least once per day of operation with a P-GEM 3000 SEM. This unit shall be installed, operated and maintained in strict accord with USEPA Conditional Test Method 22, which is equivalent to Method 7E of 40 CFR Appendix A. The P-GEM 3000 shall be operated in compliance with Rule 218 and 40 CFR Appendix F, including quarterly CGAs and annual RATAs. In lieu of compliance with Rule 218 (c) (3) (C) the owner/operator may certify the calibration gases pursuant to the USEPA Traceability Protocol Assay and Certification of Gaseous Calibration Standards (EPA-600/R-97/121)

CDM A - Compliance with condition 1 shall be demonstrated with a log containing cumulative annual fuel use. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel. Compliance with condition fuel sulfur content limit will be demonstrated with a fuel supplier's certification statement on fuel sulfur content. The information shall also be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with condition 2 shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM C - Compliance with conditions 3 and 4 shall be demonstrated with results of each compliance test. The reports or records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM D - Compliance with condition 5, if required, shall be demonstrated with a log of

P-GEM readings and associated P-GEM QA data. The reports or records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

56. CONDITIONS APPLICABLE TO BOILER, AVAQMD PERMIT # B006436 AND AIR POLLUTION CONTROL SYTEM C006459:

1. Boiler shall be fired on natural gas only. Fuel flow shall be continuously monitored and recorded.
2. Except during startups or at other times when the exhaust temperature is less than 425 degrees F, the flue gas recirculation and oxygen trim systems shall be in full use whenever the boiler is in operation. Boiler shall not be operated unless it is vented to the air pollution control device, AVAQMD Permit No. C006459.
3. Ammonia injection shall commence into the SCR reactor whenever the inlet exhaust temperature prior to the SCR reactor is 425 degrees F or greater. Temperature at the inlet to the SCR shall be continuously monitored and recorded.
4. Equipment shall emit not more than 9 ppm of NO<sub>x</sub>, calculated as NO<sub>2</sub>, measured by volume on a dry basis at 3% O<sub>2</sub> and averaged over 15 minutes, except during startup (for no more than one hour after SCR Reactor inlet temperature reaches 425 degrees F) when NO<sub>x</sub> is limited to 40 ppm. Equipment shall emit not more than 200 ppm of CO, measured by volume on a dry basis at 3% O<sub>2</sub> and averaged over 15 minutes.
5. Pursuant to Rule 1146(c)(4) operate and maintain a continuous in-stack nitrogen oxides monitor or equivalent verification system in compliance with 40 CFR part 60 Appendix B Specification 2. Quality Assurance procedures shall be performed pursuant to 40 CFR 60 Appendix F.
6. Perform compliance tests in accordance with the AVAQMD Compliance Test Procedural Manual, at least once every five years commencing in 2003. The test report must be submitted to the District no later than six weeks prior to October 1 of the calendar year in which the report is due. Operator must test NO<sub>x</sub>, as NO<sub>2</sub>, in ppmvd at 3% O<sub>2</sub>, using USEPA reference methods 19 and 20 or equivalent and CO, in ppmvd at 3% O<sub>2</sub> using USEPA reference method 10 or equivalent
7. Comply with the applicable fuel monitoring and fuel certification requirements of 40 CFR 60 Subpart Dc, §60.47c(c), §60.48c(f)(4) and §60.48c(g) (1) or (2).

CDM A - Compliance with conditions 1 and 7 shall be demonstrated with a log containing cumulative annual fuel use. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel. Compliance with the fuel sulfur content limit will be demonstrated with a fuel supplier's certification statement on fuel sulfur content. The information shall also be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with condition 2 through 4 shall be demonstrated with a log

containing all required CEM data. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM C - Compliance with condition 5 shall be demonstrated with the results of each Appendix F QA test. The reports or records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM D - Compliance with condition 6 shall be demonstrated with results of each compliance test. The reports or records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

57. CONDITIONS APPLICABLE TO JET ENGINE TEST STAND, AVAQMD PERMIT # B006162:

1. Only JP-5 or JP-8 shall be used in this equipment.
2. Jet engine test stand shall be operated no more than 14 hours in any one day, midnight to midnight, but not to exceed 28 hours in one calendar week.
3. The combined NOx emissions from this operation shall not exceed 4 pounds in any one day, midnight to midnight.

CDM A – Compliance with condition 1 shall be demonstrated with a log containing cumulative annual fuel use. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B – Compliance with conditions 2 and 3 shall be demonstrated with a log containing system operating records, including the engine being tested, the number of hours each engine operates, the combined NOx emissions in pounds per day, the hours of operation per day the test stand operates and the hours per calendar week the test stand operates. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

58. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006380:

1. The total quantity of VOCs emitted from this equipment shall not exceed 430 pounds in any one day, midnight to midnight.
2. Equipment shall not be operated unless all exhaust air passes through a filter media at least 2 inches thick.
3. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 0.25 inches of water (1.00 inch of water if 2-stage filters are voluntarily installed on the equipment and 2.00 inches of water if 3-stage filters are voluntarily installed on the equipment.)

CDM A – Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B – Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

59. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006411:

1. The total quantity of VOCs emitted from this equipment shall not exceed 430 pounds in any one day, midnight to midnight.
2. Equipment shall not be operated unless all exhaust air passes through a filter media at least 2 inches thick.
3. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 0.25 inches of water (1.00 inch of water if 2-stage filters are voluntarily installed on the equipment and 2.00 inches of water if 3-stage filters are voluntarily installed on the equipment.)

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

60. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006412:  
***Cancelled***

61. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006424:  
***Cancelled***

62. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006439:

1. The total quantity of VOCs emitted from this equipment shall not exceed 430 pounds in any one day, midnight to midnight.
2. Equipment shall not be operated unless all exhaust air passes through a filter media at least 2 inches thick.
3. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 0.25 inches of water (1.00 inch of water if 2-stage filters are voluntarily installed on the equipment and 2.00 inches of water if 3-stage filters are voluntarily installed on the equipment.)

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

63. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006441:

1. The total quantity of VOCs emitted from this equipment shall not exceed 430 pounds in any one day, midnight to midnight.
2. Equipment shall not be operated unless all exhaust air passes through a filter media at least 2 inches thick.
3. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 0.25 inches of water (1.00 inch of water if 2-stage filters are voluntarily installed on the equipment and 2.00 inches of water if 3-stage filters are voluntarily installed on the equipment.)

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by

District, State or Federal personnel.

64. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006442:

1. The total quantity of VOCs emitted from this equipment shall not exceed 430 pounds in any one day, midnight to midnight.
2. Equipment shall not be operated unless all exhaust air passes through a filter media at least 2 inches thick.
3. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 0.25 inches of water (1.00 inch of water if 2-stage filters are voluntarily installed on the equipment and 2.00 inches of water if 3-stage filters are voluntarily installed on the equipment.)

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

65. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006443:

1. The total quantity of VOCs emitted from this equipment shall not exceed 430 pounds in any one day, midnight to midnight.
2. Equipment shall not be operated unless all exhaust air passes through a filter media at least 2 inches thick.
3. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 0.25 inches of water (1.00 inch of water if 2-stage filters are voluntarily installed on the equipment and 2.00 inches of water if 3-stage filters are voluntarily installed on the equipment.)

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either

paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

66. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006447:  
Cancelled

67. CONDITIONS APPLICABLE TO SPRAY BOOTH (SOUTH SIDE OF B/610), AVAQMD PERMIT # S006448:

1. The total quantity of VOCs emitted from this equipment shall not exceed 430 pounds in any one day, midnight to midnight.
2. The south end of the building shall be primarily used for applying coatings. Spray painting is permitted on the north end of the building. Both the north and south sides of B/610 must vent to all exhaust air through 2-stage exhaust filters.

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with condition 2 shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

68. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006451:

1. The total quantity of VOCs emitted from this equipment shall not exceed 430 pounds in any one day, midnight to midnight.
2. Equipment shall not be operated unless all exhaust air passes through a filter media at least 2 inches thick.
3. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 0.25 inches of water (1.00 inch of water if 2-stage filters are voluntarily installed on the equipment and 2.00 inches of water if 3-stage filters are voluntarily installed on the equipment.)

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

69. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006476:

1. The total quantity of VOCs emitted from this equipment shall not exceed 140 pounds in any one day, midnight to midnight.
2. Equipment shall not be operated unless all exhaust air passes through a filter media at least 2 inches thick.
3. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 0.25 inches of water (1.00 inch of water if 2-stage filters are voluntarily installed on the equipment and 2.00 inches of water if 3-stage filters are voluntarily installed on the equipment.)

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

70. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006478:

1. The total quantity of VOCs emitted from this equipment shall not exceed 430 pounds in any one day, midnight to midnight.
2. Equipment shall not be operated unless all exhaust air passes through a filter media at least 2 inches thick.
3. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 0.25 inches of water (1.00 inch of water if 2-stage filters are voluntarily installed on the equipment and 2.00 inches of water if 3-stage filters are voluntarily installed on the equipment.)

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by

District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

71. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006480:

1. The total quantity of VOCs emitted from this equipment shall not exceed 1,050 pounds in any one calendar month.
2. Equipment shall not be operated unless all exhaust air passes through bag or envelope type exhaust filters.
3. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 1.00 inches of water. (2.00 inches of water if 3-stage filters are voluntarily installed on the equipment.)

**District/State-only enforceable section**

4. The total quantity of coatings containing hexavalent chromium that can be sprayed in this equipment is limited to one gallon per day, midnight to midnight.

CDM A - Compliance with conditions 1 and 4 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

72. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006492:  
*Cancelled*

73. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S006493:

1. The total quantity of VOCs emitted from this equipment shall not exceed 24 pounds in any one day, midnight to midnight.

2. Equipment shall not be operated unless all exhaust air passes 3-stage exhaust filters.
3. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 2.00 inches of water.

**District/State-only enforceable section**

4. The total quantity of hexavalent chromium that can be used in this equipment is limited to 82 pounds per calendar year, uncontrolled.

CDM A - Compliance with conditions 1 and 4 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

74. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S007053:

1. The total quantity of VOC containing coating used in this equipment is limited to 2 gallons in any one day, midnight to midnight.

CDM A - Compliance shall be demonstrated with Rule 109 daily usage records. Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

75. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S007589:

1. Equipment shall not be operated unless all exhaust air passes 3-stage exhaust filters.
2. A gauge shall be installed to indicate the static pressure differential across the filters. Owner/operator shall record the air filter pressure differential once per shift. In operation, the pressure differential shall not exceed 2.00 inches of water.

**District/State-only enforceable section**

3. The total quantity of coating containing hexavalent chromium that can be used in this equipment is limited to one gallon per day, midnight to midnight, or two gallons per calendar week.

CDM A - Compliance with conditions 1 and 2 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with condition 3 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

76. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S008119:

1. The total quantity of VOCs emitted from coating operations within this booth (including hand surface preparation operations and equipment cleanup) is limited to 757 pounds in any calendar month.
2. Equipment shall not be operated unless all exhaust air passes 3-stage exhaust filters.
3. A gauge shall be installed to indicate the static pressure differential across the filters. Owner/operator shall record the air filter pressure differential once per shift. In operation, the pressure differential shall not exceed 2.00 inches of water.

**District/State-only enforceable section**

4. The total quantity of coating containing hexavalent chromium that can be used in the equipment covered by AVAQMD Permit Nos. S008119, S008120 and S008121 is limited to 620 gallons calendar per year.

CDM A - Compliance with conditions 1 and 4 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

77. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S008120:

1. The total quantity of VOCs emitted from coating operations within this booth (including hand surface preparation operations and equipment cleanup) is limited to 757 pounds in any calendar month.

2. Equipment shall not be operated unless all exhaust air passes 3-stage exhaust filters.
3. A gauge shall be installed to indicate the static pressure differential across the filters. Owner/operator shall record the air filter pressure differential once per shift. In operation, the pressure differential shall not exceed 2.00 inches of water.

**District/State-only enforceable section**

4. The total quantity of coating containing hexavalent chromium that can be used in the equipment covered by AVAQMD Permit Nos. S008119, S008120 and S008121 is limited to 620 gallons per calendar year.

CDM A - Compliance with conditions 1 and 4 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

**78. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S008121:**

1. The total quantity of VOCs emitted from coating operations within this booth (including hand surface preparation operations and equipment cleanup) is limited to 757 pounds in any calendar month.
2. Equipment shall not be operated unless all exhaust air passes 3-stage exhaust filters.
3. A gauge shall be installed to indicate the static pressure differential across the filters. Owner/operator shall record the air filter pressure differential once per shift. In operation, the pressure differential shall not exceed 2.00 inches of water.

**District/State-only enforceable section**

4. The total quantity of coating containing hexavalent chromium that can be used in the equipment covered by AVAQMD Permit Nos. S008119, S008120 and S008121 is limited to 620 gallons per calendar year.

CDM A - Compliance with conditions 1 and 4 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

79. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S008564:

1. The total quantity of VOCs emitted from this equipment shall not exceed 25 pounds in any one day, midnight to midnight.
2. Equipment shall not be operated unless all exhaust air passes 3-stage exhaust filters.
3. A gauge shall be installed to indicate the static pressure differential across the filters. Owner/operator shall record the air filter pressure differential once per shift. In operation, the pressure differential shall not exceed 2.00 inches of water.
4. Carbon filters shall be changed whenever the filter have adsorbed 43 pounds of VOC since the last change out, as determined by recordkeeping, or whenever the VOC monitor senses breakthrough, whichever occurs first.
5. Owner/operator shall demonstrate compliance with the capture efficiency and either the destruction efficiency or exhaust VOC concentration requirements in accordance with USEPA "Guidelines for Determining Capture Efficiency" and USEPA Test Methods 25, 25A or SCAQMD Method 25.1 during any calendar year in which the compliance option provided by Rule 1107 (c) (7) and/or Rule 1124 (c) (5) is employed. Owner/operator shall performed and report these tests in accordance with the District Compliance Test Procedural Manual.

**District/State-only enforceable section**

6. The total quantity of hexavalent chromium that can be used in this equipment is limited to 82 pounds per calendar year, uncontrolled.

CDM A - Compliance with conditions 1 and 6 shall be demonstrated with Material Safety Data Sheets, Rule 109 daily usage records, and operational records for the carbon adsorption system. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM C - Compliance with condition 4 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records and with a log of carbon filter change outs. The

log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM D - Compliance with condition 5, if required, shall be demonstrated the required source test results. The reports or records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

80. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S008708:

1. Equipment shall not be operated unless all exhaust air passes 3-stage exhaust filters.
2. A gauge shall be installed to indicate the static pressure differential across the filters. Owner/operator shall record the air filter pressure differential once per shift. In operation, the pressure differential shall not exceed 2.00 inches of water.

**District/State-only enforceable section**

3. The total quantity of hexavalent chromium that can be used in this equipment is limited to 82 pounds per calendar year, uncontrolled.

CDM A - Compliance with conditions 1 and 2 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with condition 3 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

81. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S009629:

1. Equipment shall not be operated unless all exhaust air passes 3-stage exhaust filters.
2. A gauge shall be installed to indicate the static pressure differential across the filters. Owner/operator shall record the air filter pressure differential once per shift. In operation, the pressure differential shall not exceed 2.00 inches of water.
3. Condition of carbon filters as determined by VOC monitor and sensor system shall be measured or observed once per shift.
4. Carbon filters shall be changed whenever the filter have adsorbed 84 pounds of VOC since the last change out, as determined by recordkeeping, or whenever the VOC monitor senses breakthrough, whichever occurs first.

5. During any calendar year in which the compliance option provided by Rule 1107(c)(7) and/or Rule 1124(C)(5) is employed, the o/o shall demonstrate compliance with the capture efficiency and either destruction efficiency or exhaust VOC concentration requirements in accordance with USEPA "Guidelines for Determining Capture Efficiency" and USEPA Test Methods 25, 25A or SCAQMD Method 25.1 . The o/o shall perform and report these tests in accordance with the District Compliance Test Procedural Manual. The source test results or records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

**District/State-only enforceable section**

6. The total quantity of hexavalent chromium that can be used in this equipment shall not exceed 365 gallons per calendar year.

CDM A - Compliance with conditions 1 and 2 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with condition 3 and 4 shall be demonstrated with a log of VOC monitor data, Rule 109 records and carbon filter change outs. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM C - Compliance with condition 6 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM D – Compliance with condition 5, if required, shall be demonstrated using the required source test results. The reports or records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

**82. CONDITIONS APPLICABLE TO SPRAY BOOTH, AVAQMD PERMIT # S010188:**

1. The total quantity of VOCs emitted from this equipment shall not exceed 25 pounds in any one day, midnight to midnight.
2. A gauge shall be installed to indicate the static pressure differential across the filters. Owner/operator shall record the air filter pressure differential once per shift. In operation, the pressure differential shall not exceed 2.00 inches of water.
3. Condition of carbon filters as determined by VOC monitor and sensor system shall be measured or observed once per shift.

4. Carbon filters shall be changed whenever the filter have adsorbed 1053 pounds of VOC since the last change out, as determined by recordkeeping, or whenever the VOC monitor senses breakthrough, whichever occurs first.
5. During any calendar year in which the compliance option provided by Rule 1107(c)(7) and/or Rule 1124(C)(5) is employed, the o/o shall demonstrate compliance with the capture efficiency and either destruction efficiency or exhaust VOC concentration requirements in accordance with USEPA "Guidelines for Determining Capture Efficiency" and USEPA Test Methods 25, 25A or SCAQMD Method 25.1 . The o/o shall perform and report these tests in accordance with the District Compliance Test Procedural Manual. Results shall be kept on-site and available for review at any time by District, State or Federal personnel.

**District/State-only enforceable section**

6. The total quantity of hexavalent chromium that can be used in this equipment is limited to 82 pounds per calendar year, uncontrolled.

CDM A - Compliance with conditions 1 and 2 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with condition 3 and 4 shall be demonstrated with a log of VOC monitor data, Rule 109 records and carbon filter change outs. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM C - Compliance with condition 5 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

**83. CONDITIONS APPLICABLE TO ORGANIC COATING AND DRYING LINE, AVAQMD PERMIT # B008132:**

1. Equipment shall not be operated unless vented to air pollution control device, AVAQMD Permit No. C006118.
2. Operator shall log all dates and hours of operation

CDM A - Compliance with conditions 1 and 2 shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be

kept on-site and available for review at any time by District, State or Federal personnel.

84. CONDITIONS APPLICABLE TO ORGANIC COATING AND DRYING LINE, AVAQMD PERMIT # B008133:

1. Equipment shall not be operated unless vented to air pollution control device, AVAQMD Permit No. C006118.
2. Operator shall log all dates and hours of operation

CDM A - Compliance with conditions 1 and 2 shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

85. CONDITIONS APPLICABLE TO CONTINUOUS COATING LINE, AVAQMD PERMIT # B008752: *Cancelled*

86. CONDITIONS APPLICABLE TO COATING AND CURING OVEN LINE, AVAQMD PERMIT # B009972:

1. Equipment shall not be operated unless all exhaust air passes through a NESHAP approved bag or envelope type exhaust filters
2. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed one inch of water.
3. This coating line and/or curing oven shall not be operated unless vented to a functioning regenerative thermal oxidizer (Permit No. C010991).

CDM A - Compliance with conditions 1, 2 and 3 shall be demonstrated with a log containing system inspection and pressure differential records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

87. CONDITIONS APPLICABLE TO FLOW COATER, AVAQMD PERMIT # B006456:

1. Equipment shall not be operated unless vented to air pollution control device, AVAQMD Permit No. C006118.

CDM A - Compliance shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for

review at any time by District, State or Federal personnel.

88. CONDITIONS APPLICABLE TO FLOW COATER, AVAQMD PERMIT # B006509:

1. Equipment shall not be operated unless vented to air pollution control device, AVAQMD Permit No. C006118.

CDM A - Compliance shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

89. CONDITIONS APPLICABLE TO FLOW COATING TANK, AVAQMD PERMIT # T008033:

1. Equipment shall not be operated unless vented to air pollution control device, AVAQMD Permit No. C006118.

CDM A - Compliance shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

90. CONDITIONS APPLICABLE TO FLOW COATING TANK, AVAQMD PERMIT # T008515:

1. Equipment shall not be operated unless vented to air pollution control device, AVAQMD Permit No. C006118.
2. Parts shall be inserted and removed in a manner to prevent splashing. The tank shall have a tight fitting lid which shall be closed when the tank is not in use, including when the operator leaves the area for an extended period such as during a break or at the end of shift.

CDM A - Compliance with condition 1 and 2 shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

91. CONDITIONS APPLICABLE TO OPEN SPRAY EQUIPMENT, AVAQMD PERMIT # P006362:

1. The total quantity of VOCs emitted from this equipment shall not exceed 140 pounds in

- any one day, midnight to midnight.
2. Equipment is deemed 65% transfer efficient only when used to apply sealants.

CDM A - Compliance with conditions 1 and 2 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

92. CONDITIONS APPLICABLE TO OPEN SPRAY EQUIPMENT, AVAQMD PERMIT # P006363:

1. The total quantity of VOCs emitted from this equipment shall not exceed 140 pounds in any one day, midnight to midnight.
2. Equipment is deemed 65% transfer efficient only when used to apply sealants.

CDM A - Compliance with conditions 1 and 2 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

93. CONDITIONS APPLICABLE TO OPEN SPRAY EQUIPMENT, AVAQMD PERMIT # P006395:

1. The total quantity of VOCs emitted from this equipment shall not exceed 140 pounds in any one day, midnight to midnight.

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel

94. CONDITIONS APPLICABLE TO OPEN SPRAY EQUIPMENT, AVAQMD PERMIT # P006440:

1. The total quantity of VOCs emitted from this equipment shall not exceed 140 pounds in any one day, midnight to midnight.

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by

District, State or Federal personnel.

95. CONDITIONS APPLICABLE TO AIRLESS SPRAY EQUIPMENT, AVAQMD PERMIT # P006885:

1. Total quantity of coatings and solvents used in this equipment shall not exceed 6 gallons per day, midnight to midnight.
2. This permit does not authorize spraying by air atomization.

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with condition 2 shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

96. CONDITIONS APPLICABLE TO AIRLESS SPRAY EQUIPMENT, AVAQMD PERMIT # P009886

1. Total quantity of VOCs emitted from this equipment shall not exceed 24.9 pounds per day, midnight to midnight.

**District/State-only enforceable section**

2. Materials containing hexavalent chromium shall not be applied with this equipment.

CDM A - Compliance with condition 1 and 2 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

97. CONDITIONS APPLICABLE TO AIRLESS SPRAY EQUIPMENT, AVAQMD PERMIT # P009887

1. Total quantity of VOCs emitted from this equipment shall not exceed 24.9 pounds per day, from midnight to midnight.

**District/State-only enforceable section**

2. Materials containing hexavalent chromium shall not be applied with this equipment.

CDM A - Compliance with conditions 1 and 2 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

98. CONDITIONS APPLICABLE TO AIRLESS SPRAY EQUIPMENT, AVAQMD PERMIT # P009888

1. Total quantity of VOCs emitted from this equipment shall not exceed 24.9 pounds per day, from midnight to midnight.
2. Materials containing hexavalent chromium shall not be applied with this equipment.

CDM A - Compliance with conditions 1 and 2 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

99. CONDITIONS APPLICABLE TO AIRLESS SPRAY EQUIPMENT, AVAQMD PERMIT # P010051

1. Total quantity of VOCs emitted from this equipment shall not exceed 24.9 pounds per day, midnight to midnight.
2. This equipment may not be used for the spray application of coatings that contain compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd) to metal and plastic surfaces. [40 CFR 63, Subpart HHHHHH]

CDM A - Compliance with condition 1 and 2 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

100. CONDITIONS APPLICABLE TO AIRLESS SPRAY EQUIPMENT, AVAQMD PERMIT # P010052

1. Total quantity of VOCs emitted from this equipment shall not exceed 24.9 pounds per day, midnight to midnight.
2. This equipment may not be used for the spray application of coatings that contain compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd) to metal and plastic surfaces. [40 CFR 63, Subpart HHHHHH]

CDM A - Compliance with condition 1 and 2 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

101. CONDITIONS APPLICABLE TO HVLP SPRAY EQUIPMENT, AVAQMD PERMIT # P010178

1. Total quantity of VOCs emitted from this equipment shall not exceed 24.9 pounds per day, midnight to midnight.
2. This equipment may not be used for the spray application of coatings that contain compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd) to metal and plastic surfaces. [40 CFR 63, Subpart HHHHHH]

CDM A - Compliance with condition 1 and 2 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

102. CONDITIONS APPLICABLE TO HVLP SPRAY EQUIPMENT, AVAQMD PERMIT # P010179

1. Total quantity of VOCs emitted from this equipment shall not exceed 24.9 pounds per day, midnight to midnight.
2. This equipment may not be used for the spray application of coatings that contain compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd) to metal and plastic surfaces. [40 CFR 63, Subpart HHHHHH]

CDM A - Compliance with condition 1 and 2 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

103. CONDITIONS APPLICABLE TO HVLP SPRAY EQUIPMENT, AVAQMD PERMIT # P010180

1. Total quantity of VOCs emitted from this equipment shall not exceed 24.9 pounds per day, midnight to midnight.
3. This equipment may not be used for the spray application of coatings that contain compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd) to metal and plastic surfaces. [40 CFR 63, Subpart HHHHHH]

CDM A - Compliance with condition 1 and 2 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

104. CONDITIONS APPLICABLE TO CURING OVEN, AVAQMD PERMIT # B010110:

1. Equipment shall be used to cure only plastics and composite resins.

CDM A - Compliance shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

105. CONDITIONS APPLICABLE TO SILK SCREEN EQUIPMENT, AVAQMD PERMIT # B006423:

1. Equipment shall not be operated unless vented to air pollution control device, AVAQMD Permit No. C010991.

CDM A - Compliance shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

106. CONDITIONS APPLICABLE TO CONCENTRATOR/REGENERATIVE THERMAL OXIDIZER SYSTEM AND ASSOCIATED SPRAY BOOTHS, AVAQMD PERMIT # C010991:

1. The total quantity of VOCs emitted from this equipment, and building 636 shall not

exceed 1,500 pounds in any one calendar month. Compliance with this condition shall be demonstrated through reaction chamber temperature and VOC usage records and using an overall control efficiency based on the most recent test results.

2. For all spray booths that vent to this control device, a gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 0.25 inches of water (1.00 inch of water if 2- stage filters are voluntarily installed and 2.00 inch of water if 3-stage filters are voluntarily installed on the equipment.)
3. Material safety data sheets (either paper or computerized) for all coatings, adhesives and solvents used in this equipment shall be kept current and made available to District, State or Federal personnel upon request.
4. Records of the following shall be maintained;
  - a. Rule 109 daily usage records;
  - b. Fuel consumption in standard cubic feet per calendar month; and
  - c. The results of the most recent destruction efficiency (compliance) test.Records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.
5. This equipment shall only be fired on pipeline quality natural gas.
6. The owner/operator (o/o) shall conduct an initial source test within 90 days of date of initial operation, and annually thereafter. After the o/o has demonstrated compliance for two consecutive tests, the o/o may reduce the frequency of subsequent compliance tests to once every three years. If the results of any subsequent three year compliance test indicate the equipment is not in compliance with the VOC control efficiency, the o/o must resume annual compliance tests. Compliance tests shall be conducted at the concentrator inlet and oxidizer outlet to determine VOC concentrations at high VOC loading and corresponding destruction efficiency (over three separate complete concentrator cycles), in accordance with the AVAQMD Compliance Test Procedural Manual. VOC concentrations shall be determined in accordance with USEPA Test Methods 25, 25A or 25B, with USEPA Test Method 18 or CARB method 422 used to determine exempt compound concentrations. Test results shall be submitted to the District not later than six (6) weeks prior to the expiration date of this permit.
7. This equipment shall operate with a control efficiency of not less than 97 percent or emissions of less than 10 ppmv (as methane). Compliance with this condition shall be demonstrated using the results of the Permanent Total Enclosure (PTE) evaluation, and the most recent destruction efficiency test.
8. Emissions from this equipment shall not exceed the following hourly emission limits, verified by an initial compliance test:
  - a. NO<sub>x</sub> as NO<sub>2</sub>: 0.12 lb/hr operating at 100% load.
  - b. CO: 1.0 lb/hr operating at 100% load.

107. CONDITIONS APPLICABLE TO UVOX, AVAQMD PERMIT # C006118:

1. The total quantity of VOCs emitted from this equipment shall not exceed 20 pounds in any one day, midnight to midnight, and 600 pounds in any calendar month.
2. Building 637 spray booths shall not be operated unless vented to the air pollution control system. Booths shall not be operated unless they pass through spray booth filters and UVOX filter media.
3. For all spray booths that vent to this control device, a gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 0.25 inches of water (1 inch of water if bag filters are voluntarily installed on the equipment.).
4. This equipment shall achieve a minimum overall control efficiency of 90% by weight to satisfy BACT requirements for spray painting operations.

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with conditions 2 and 3 shall be demonstrated with a log containing system inspection records and pressure differential recordings. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM C - Compliance with condition 4 shall be demonstrated using source test results. The reports or records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

108. CONDITIONS APPLICABLE TO PORTABLE AIR POLLUTION CONTROL EQUIPMENT, AVAQMD PERMIT # C007375:

1. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 2.00 inches of water.
2. Owner/operator shall log the date of all repairs to and replacements of the filter media.

**District/State-only enforceable section**

3. Equipment shall not be operated unless all exhaust air passes through a HEPA filter with a 99.97% control efficiency design.

CDM A - Compliance with conditions 1, 2 and 3 shall be demonstrated with a log containing system inspection records, pressure differential recordings, and filter repair/replacement records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

109. CONDITIONS APPLICABLE TO PORTABLE AIR POLLUTION CONTROL EQUIPMENT, AVAQMD PERMIT # C007747:

1. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 2.00 inches of water.
2. Owner/operator shall log the date of all repairs to and replacements of the filter media.

**District/State-only enforceable section**

3. Equipment shall not be operated unless all exhaust air passes through a HEPA filter with a 99.97% control efficiency design.

CDM A - Compliance with conditions 1, 2 and 3 shall be demonstrated with a log containing system inspection records, pressure differential recordings, and filter repair/replacement records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

110. CONDITIONS APPLICABLE TO PORTABLE AIR POLLUTION CONTROL EQUIPMENT, AVAQMD PERMIT # C008733:

1. A gauge shall be installed to indicate the static pressure differential across the filters. In operation, the pressure differential shall not exceed 2.00 inches of water.
2. Owner/operator shall log the date of all repairs to and replacements of the filter media.
3. While in use the air inlet ducts shall be positioned in such a manner that emissions during touch up operations are minimized to the greatest extent possible.

**District/State-only enforceable section**

4. Equipment shall not be operated unless all exhaust air passes through a HEPA filter with a 99.97% control efficiency design.

CDM A - Compliance with conditions 1, 2, 3 and 4 shall be demonstrated with a log containing system inspection records, pressure differential recordings, and filter repair/replacement records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

111. CONDITIONS APPLICABLE TO OVEN, AVAQMD PERMIT # B006116:

1. Equipment shall not be operated unless vented to air pollution control device, AVAQMD

Permit No. C006118.

CDM A – Compliance with condition 1 shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

112. CONDITIONS APPLICABLE TO OVEN, AVAQMD PERMIT # B006117:

- (a) Equipment shall not be operated unless vented to air pollution control device, AVAQMD Permit No. C006118.

CDM A - Compliance with condition 1 shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

113. CONDITIONS APPLICABLE TO OVEN, AVAQMD PERMIT # B006434: *Cancelled*

114. CONDITIONS APPLICABLE TO OVEN, AVAQMD PERMIT # B006435:

1. This equipment shall not be operated unless vented to air pollution control device C010991.

CDM A - Compliance with condition 1 shall be demonstrated with a log containing oven inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

115. CONDITIONS APPLICABLE TO OVEN, AVAQMD PERMIT # B006457: *Cancelled*

116. CONDITIONS APPLICABLE TO OVEN, AVAQMD PERMIT # B006886:

1. This equipment shall not be operated unless vented to air pollution control device C010991.

CDM A - Compliance with condition 1 shall be demonstrated with a log containing oven inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel

117. [RESERVED]

118. CONDITIONS APPLICABLE TO OVEN, AVAQMD PERMIT # B008122:

1. Equipment shall only be used to cure materials sprayed in spray booth operating pursuant to AVAQMD Permit No. S008119 and S008120.

CDM A - Compliance with condition 1 shall be demonstrated with a log containing oven inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel

119. CONDITIONS APPLICABLE TO OVEN, AVAQMD PERMIT # B008123:

1. Equipment shall only be used to cure materials sprayed in spray booth operating pursuant to AVAQMD Permit No. S008119 and S008120.

CDM A - Compliance with condition 1 shall be demonstrated with a log containing oven inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel

120. CONDITIONS APPLICABLE TO OVEN, AVAQMD PERMIT # B008124:

1. Equipment shall only be used to cure materials sprayed in spray booth operating pursuant to AVAQMD Permit No. S008119 and S008120.

CDM A - Compliance with condition 1 shall be demonstrated with a log containing oven inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel

121. CONDITIONS APPLICABLE TO BATCH INK MIXING EQUIPMENT, AVAQMD PERMIT # B010207:

1. Equipment shall not be used for storing organic liquids having a vapor pressure greater than 45 mmHg at a temperature of 20 degrees C (68 deg F). This requirement does not apply to compounds identified as exempt pursuant to 40 CFR 51.100(s)(1).
2. The mixer shall have a tight fitting lid which shall be closed at all times except when materials are being added to or extracted from the equipment.

CDM A - Compliance with condition 1 shall be demonstrated with a log containing data on the materials stored in the tank. The log, either paper or computerized, shall be kept

on-site and available for review at any time by District, State or Federal personnel. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

CDM B - Compliance with condition 2 shall be demonstrated with a log containing system inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel

122. CONDITIONS APPLICABLE TO POLYURETHANE FOAM PROCESSING SYSTEM, AVAQMD PERMIT # B010253:

1. Total quantity of VOCs emitted from this equipment shall not exceed 25 pounds per day, midnight to midnight

CDM A - Compliance with condition 1 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

123. CONDITIONS APPLICABLE TO PROCESS LINE, AVAQMD PERMIT # B008422:

1. Tanks 2, 5, 6, 9, 10, 13, 14 and 16 and Locus 17 may be operated at elevated temperatures. All other tanks must be operated at ambient temperatures.

**District/State-only enforceable sections**

2. A daily log must be maintained containing the amount (in pounds or gallons) of nitric acid, hydrofluoric acid, sodium hydroxide, and chromic acid added to the tank and the hours that each tank containing the above compounds is actively recirculated and vented (not covered or sealed.)
3. Solutions containing concentrations greater than 30% nitric acid, 5% hydrofluoric acid, 5% sodium hydroxide and 5% chromic acid shall not be used without prior written authorization from the AVAQMD.
4. The total amount of hexavalent chromium emitted from this equipment (uncontrolled) shall not exceed 0.15 pounds in any 12 consecutive months. Demonstration of compliance with this requirement is mandated only if concentrations used in the equipment differ from those in Condition 3 above.

CDM A - Compliance with conditions 1, 2 and 3 shall be demonstrated with a log containing process line inspection records and the daily log data outlined in condition 3. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel

CDM B - Compliance with condition 4 shall be demonstrated using calculations or laboratory analysis data which will be performed upon request by AVAQMD. These data, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

124. CONDITIONS APPLICABLE TO GASOLINE DISPENSING FACILITY (non-retail); AVAQMD PERMIT NUMBER N006375; consisting of:

- a. Tanks - Number of Tanks: 1
  - Tank Number: 1
  - 1. Material Stored: (87) Unleaded
  - 2. Volume Gallons: 2,000
  - 3. Aboveground: A
  
- b. Dispensing Equipment:
  - 1. Gasoline Dispensing Nozzle-Product Rating: 1
  - 2. Diesel Dispensing Nozzles: 0
  - 3. Phase II Vapor Recovery System (Type): Balance

**District/State-only enforceable sections**

- 1. Owner/Operator shall conspicuously post in the gasoline dispensing area the operating instructions, the District's toll-free telephone number for complaints and a District-specified warning sign. The toll free number that must be posted is 1-877-723-8070.
- 2. The vapor vent pipes must be equipped with pressure relief valves.
- 3. Owner/Operator must maintain and operate this equipment in compliance with CARB Executive Order G-70-116F.
- 4. Owner/Operator must maintain a log of all inspections, repairs, and maintenance performed on the subject equipment
- 5. Any modifications or changes to the piping or control fittings of the vapor recovery system require prior approval from the District.
- 6. Annual Pressure Decay Tests and Liquid Removal Test (if applicable) are required to ensure that the equipment is vapor tight and operating properly. The test shall be conducted in accordance with CARB Executive Order G-70-116F per test method TP-201.3B and 201.6. The District shall be notified at least 10 days prior to conducting the test and results must be submitted within 30 days after test completion. A passing test report must be received by the District annually not later than September 19 or, if September 19 falls on a weekend by the following Monday.
- 7. Gasoline throughput shall not exceed 500,000 gallons per year.

CDM A - Compliance with conditions 1 through 5 shall be demonstrated with a log of all inspections, repairs, and maintenance on equipment. Such logs or records shall be maintained at the facility for a minimum of 5 years from the date the records were created and shall be made available to District, State or Federal personnel upon request.

CDM B - Compliance with condition 6 shall be demonstrated through test reports that shall be made available to District, State or Federal personnel upon request.

CDM C – Compliance with condition 7 shall be demonstrated through throughput records that shall be made available to District, State or Federal personnel upon request.

125. CONDITIONS APPLICABLE TO GASOLINE DISPENSING FACILITY (non-retail); AVAQMD PERMIT NUMBER N006513; consisting of:

- a. Tanks - Number of Tanks: 2
  - Tank Number: 1 2
  - 1. Material Stored: (87) Unleaded Diesel
  - 2. Volume Gallons: 10,152 10,152
  - 3. Underground(U): A A
  
- b. Dispensing Equipment:
  - 1. Gasoline Dispensing Nozzle-Product Rating: 1
  - 2. Diesel Dispensing Nozzles: 1
  - 3. Phase II Vapor Recovery System (Type): Balance

**District/State-only enforceable sections**

- 1. The toll-free telephone number that must be posted is 1-877-723-8070. [Rule 461]
- 2. The owner/operator (o/o) shall maintain a log of all inspections, repairs, and maintenance on equipment subject to Rule 461. Such logs or records shall be maintained at the facility for at least two (2) years and available to the District upon request. Records of Maintenance, Tests, Inspections, and Test Failures shall be maintained and available to District personal upon request; record form shall be similar to the Maintenance Record form indicated in EO VR-401-B, Figure 2N [EO VR-401-B; Rule 461]
- 3. Any modifications or changes to the piping or control fitting of the vapor recovery system require prior approval from the District. [Rule 204]
- 4. Pursuant to EO VR-401-B, vapor vent pipes are to be equipped with Husky 5885 pressure

relief valves or as otherwise allowed by EO. [EO VR-401-B; Rule 204]

5. The o/o shall perform the following tests within 60 days of construction completion and annually thereafter in accord with the following test procedures:
  - a. Determination of Static Pressure Performance of Vapor Recovery Systems at Gasoline Dispensing Facilities with Aboveground Storage Tanks shall be conducted per EO VR-401-B Exhibit 4. Exhibit 4,
  - b. Phase I Adapters, Emergency Vents, Spill Container Drain Valve, Dedicated gauging port with drop tube and tank components, all connections, and fittings shall NOT have any detectable leaks; test methods shall be per EO VR-401-B Table 2-1, and
  - c. Liquid Removal Test (if applicable) per TP-201.6, and

Summary of Test Data shall be documented on a Form similar to EO VR-401-B Form 1

The District shall be notified a minimum of 10 days prior to performing the required tests with the final results submitted to the District within 30 days of completion of the tests.

The District shall receive passing test reports no later than six (6) weeks prior to the expiration date of this permit.  
[Rule 204]

6. Pursuant to California Health and Safety Code sections 39600, 39601 and 41954, this aboveground tank shall be installed and maintained in accordance with Executive Order (EO) VR-401-B for EVR Phase I, and Standing Loss requirements: <http://www.arb.ca.gov/vapor/eos/eo-vr401/eo-401.htm>

Additionally, Phase II Vapor Recovery System shall be installed and maintained per G-70-162-A with the exception that hanging hardware shall be EVR Balance Phase II type hanging hardware (VST or other CARB Approved EVR Phase II Hardware). [Rule 204]

7. Pursuant to EO VR-401-B: Maintenance and repair of system components, including removal and installation of such components in the course of any required tests, shall be performed by OPW Certified Technicians. [EO VR-401-B]
8. Pursuant to EO VR-401-B, Maintenance Intervals for OPW; Tank Gauge Components; Dust Caps Emergency Vents; Phase I Product and Vapor Adapters, and Spill Container Drain Valve, shall be conducted by an OPW trained technician annually.  
[EO VR-401-B]
9. The annual throughput of gasoline shall not exceed 61,300 gallons per year. Throughput Records shall be kept on site and available to District personnel upon request. Before this annual throughput can be increased the facility may be required to submit to the District a site specific Health Risk Assessment in accord with a District approved plan. In addition

public notice and/or comment period may be required. [Rule 1303]

10. The o/o shall; install, maintain, and operate EVR Phase I in compliance with CARB Executive Order VR-401-B, and Phase II vapor recovery in accordance with G-70-162-A with the exception that hanging hardware shall be EVR Balance Phase II type hanging hardware (VST or other CARB Approved EVR Phase II Hardware). In the event of conflict between these permit conditions and/or the referenced EO's the more stringent requirements shall govern. [Rule 204]

126. CONDITIONS APPLICABLE TO STORAGE TANK, AVAQMD PERMIT # T006381:

1. The tank shall not be used for storing organic liquid having a vapor pressure of 25 mmHg (0.5 psia) or greater under actual storage conditions.
2. Throughput to this tank shall not exceed 3,000 gallons per calendar month. Throughput records shall be maintained.

CDM A - Compliance with conditions 1 and 2 shall be demonstrated with a log containing throughput records and data on the materials stored in the tank. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel

127. CONDITIONS APPLICABLE TO STORAGE TANK, AVAQMD PERMIT # T006465:

1. The tank shall not be used for storing organic liquid having a vapor pressure of 25 mmHg (0.5 psia) or greater under actual storage conditions.
2. Throughput to this tank shall not exceed 9,000 gallons per calendar month. Throughput records shall be maintained.

CDM A - Compliance with conditions 1 and 2 shall be demonstrated with a log containing throughput records and data on the materials stored in the tank. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

128. [RESERVED]:

129. CONDITIONS APPLICABLE TO STORAGE TANK, AVAQMD PERMIT # T006484:

1. The tank shall not be used for storing organic liquid having a vapor pressure of 5 mmHg

- (0.1 psia) or greater under actual storage conditions.
2. Throughput to this tank shall not exceed 3,000 gallons per day midnight to midnight. Throughput records shall be maintained.

CDM A – Compliance with conditions 1 and 2 shall be demonstrated with a log containing throughput records and data on the materials stored in the tank. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

130. [RESERVED]:

131. CONDITIONS APPLICABLE TO STRIPPER TANK, AVAQMD PERMIT # T007374:

1. Tank shall not be used to store anything other than stingray paint stripper.
2. Tank shall be provided with a tight fitting cover, which shall be closed when the tank is not in use.
3. Tank shall have at least 5 inches of freeboard after immersion of items to be cleaned.
4. Parts shall be added and removed in such a manner as to prevent splashing and parts being removed shall be visibly dry.
5. The hoist speed of the removal/addition of parts shall be slow enough to prevent emissions of stripper vapors from the tank.
6. An operator log shall be maintained which contains a self-inspection checklist as well as records of the type of stripper used, the dates and amounts of stripper added, and all maintenance/repairs performed on the tank

CDM A - Compliance with conditions 1, 2, 3, 4, 5 and 6 shall be demonstrated with a log containing self-inspection checklist as well as records of the type of stripper used, the dates and amounts of stripper added, and all maintenance/repairs performed on the tank. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

132. CONDITIONS APPLICABLE TO STILL, PAINT THINNER RECYCLER, AVAQMD PERMIT # T010185:

1. The tank shall not be used for storing organic liquid having a vapor pressure greater than 45 mmHg at a temperature of 20 degrees C (68 deg F.) This requirement does not apply to compounds identified as exempt pursuant to 40 CFR 51.100(s)(1).

CDM A - Compliance with condition 1 shall be demonstrated with a log containing data on the materials stored in the tank. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel. The

log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

133. CONDITIONS APPLICABLE TO STILL, PAINT THINNER RECYCLER, AVAQMD PERMIT # T010186:

1. The tank shall not be used for storing organic liquid having a vapor pressure greater than 45 mmHg at a temperature of 20 degrees C (68 deg F.) This requirement does not apply to compounds identified as exempt pursuant to 40 CFR 51.100(s)(1).

CDM A - Compliance with condition 1 shall be demonstrated with a log containing data on the materials stored in the tank. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

134. RESERVED

**135. Two (2) boilers, each rated at 25.2 mmBtu/hr, located at Site 7, B/722, operated as follows: *Cancelled***

**136. Three (3) boilers, each rated at 8.4 mmBtu/hr, located at Site 2, B/210, operated as follows:**

1. Boiler shall be fired on natural gas. Low sulfur fuel oil shall be used only as a back-up fuel.
2. Equipment shall emit not more than 12 ppm NO<sub>x</sub>, calculated as NO<sub>2</sub>, measured by volume on a dry basis at 3% O<sub>2</sub> and averaged over 15 minutes, except during startup. Equipment shall emit not more than 400 ppm CO, measured by volume on a dry basis at 3% O<sub>2</sub> and averaged over 15 minutes.
3. Perform compliance tests in accordance with the AVAQMD Compliance Test Procedural Manual, at least once every five years. The test report must be submitted to the District no later than six weeks prior to October 1 of the calendar year in which the report is due. Operator must test NO<sub>x</sub>, as NO<sub>2</sub>, in ppmvd at 3% O<sub>2</sub>, using USEPA reference methods 19 and 20 or equivalent and CO, in ppmvd at 3% O<sub>2</sub> using USEPA reference method 10 or equivalent
4. All applicable requirements of Regulation XIII shall be met.

**District/State-only enforceable section**

5. All applicable requirements of Rule 1401 shall be met.

These units will replace Permit Nos. B006360, 6365 and 6376.

**137. Two (2) 1100 BHP diesel-fired emergency IC Engines, located at Plant 10, B/611, operated as follows:**

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. Engine shall operate less than 100 hours per year for maintenance and testing. The requirements of 40 CFR 63 Subpart ZZZZ and 40 CFR 60 Subpart JJJJ do not apply.
4. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
5. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)
6. All applicable requirements of Regulation XIII shall be met.

**District/State-only enforceable sections**

7. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
8. The unit shall be operated no more than 20 hours per calendar year for testing and maintenance, excluding compliance testing. Time required for compliance testing is not counted toward the 20 hour per year limit.
9. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.
10. All applicable requirements of Rule 1401 shall be met.

137a. CONDITIONS APPLICABLE TO DIESEL IC ENGINE, EMERGENCY GENERATOR (PLT 10, BLDG 611), AVAQMD PERMIT # E010468:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. Engine shall operate less than 46 hours per year for maintenance and testing. The requirements of 40 CFR 63 Subpart ZZZZ and 40 CFR 60 Subpart JJJJ do not apply.
4. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
5. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content)
6. All applicable requirements of Regulation XIII shall be met.
7. The owner/operator of this emission unit has voluntarily taken a reduction in the annual maintenance and testing hours of this unit and applied those associated emission reductions as Simultaneous Emission Reductions in the permitting action of E011076. No adjustment of maintenance and testing hours to either unit shall be permitted without an approved District New Source Review action.

**District/State-only enforceable sections**

8. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
9. This unit shall not be used to provide power during a voluntary agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier.
10. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

**138. Spray booth, located at Plant 10, B/646, operated as follows:**

1. The total quantity of VOCs emitted from coating operations within this booth (including hand surface preparation operations and equipment cleanup) shall not exceed 25 pounds per day, midnight to midnight.

2. Equipment shall not be operated unless all exhaust air passes 3-stage exhaust filters.
3. A gauge shall be installed to indicate the static pressure differential across the filters. Owner/operator shall record the air filter pressure differential once per shift. In operation, the pressure differential shall not exceed 2.00 inches of water.

**District/State-only enforceable section**

4. All applicable requirements of Rule 1401 shall be met.

**139. Oven, located at Plant 10, B/646, operated as follows:**

1. Equipment shall only be used to cure materials sprayed in spray booth listed above.

**District/State-only enforceable section**

2. All applicable requirements of Rule 1401 shall be met.

**140. Core coating and drying line, located at Plant 10, B/637A, operated as follows:**

1. Equipment shall not be operated unless vented to air pollution control device, AVAQMD Permit No. C006118.
2. Operator shall log all dates and hours of operation

**District/State-only enforceable section**

3. All applicable requirements of Rule 1401 shall be met

**141. Automated Core Coating Mixing Equipment, B/637, operated as follows**

1. The mixer shall have a tight fitting lid which shall be closed at all times except when materials are being added to or extracted from the equipment.
2. Throughput records shall be maintained.

**District/State-only enforceable section**

3. All applicable requirements of Rule 1401 shall be met.

**142. Process Line and Mist Eliminator, B/651; *Cancelled***

143. CONDITIONS APPLICABLE TO BOOTH, SOLVENT WIPING (PLANT 10/BLDG 636) AVAQMD PERMIT NO. S010655: *Cancelled*

144. CONDITIONS APPLICABLE TO BOOTH, SOLVENT WIPING (PLANT 10/BLDG 636) AVAQMD PERMIT NO. S010656: *Cancelled*

145. CONDITIONS APPLICABLE TO OPEN SPRAY GUN (PLANT 10/BLDG 601) AVAQMD PERMIT NO. P010148:

1. This equipment shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.
2. This equipment shall be operated in compliance with Rules 1107, 1124, 1128, 1136, 1145, 1168, and 1171.
3. This equipment may not be used for the spray application of coatings that contain compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd) to metal and plastic surfaces. [40 CFR 63, Subpart HHHHHH]
4. The total quantity of VOCs emitted from this equipment shall not exceed 24.9 lb in any day, from midnight to midnight.

CDM A - Compliance with condition 4 and 5 shall be demonstrated with Material Safety Data Sheets and Rule 109 daily usage records. MSDSs and Rule 109 records, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel

CDM A - Compliance with conditions 1 shall be demonstrated with a log containing equipment maintenance and inspection records. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

146. CONDITIONS APPLICABLE TO TANK, 3000 GALLON WASTE TO COOLANT STORAGE, AVAQMD PERMIT # T010403:

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall be properly maintained and kept in good operation condition at all times.

3. This equipment shall not be used for storing organic liquids having a vapor pressure greater than 45 mm Hg at a temperature of 20 degrees C (68 deg F). This requirement does not apply to compounds identified as exempt in 40 CFR 51.100(s)(1).

CDM A – Compliance with condition 3 shall be demonstrated with a log containing throughput records and data on the materials stored in the tank. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

147. CONDITIONS APPLICABLE TO TANK, 1500 GAL WASTE WATER FROM PPM, AVAQMD # T010404:

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall be properly maintained and kept in good operation condition at all times.
3. This equipment shall not be used for storing organic liquids having a vapor pressure greater than 45 mm Hg at a temperature of 20 degrees C (68 deg F). This requirement does not apply to compounds identified as exempt in 40 CFR 51.100(s)(1).

CDM A – Compliance with condition 3 shall be demonstrated with a log containing throughput records and data on the materials stored in the tank. The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel.

148. CONDITIONS APPLICABLE TO DIESEL IC ENGINE, EMERGENCY GENERATOR (PLT 10, BLDG 608 AREA), AVAQMD PERMIT # E011076:

1. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.
2. Engine shall operate less than 200 hours per calendar year including operation during emergencies.
3. Engine shall operate less than 40 hours per year for maintenance and testing. The requirements of 40 CFR 63 Subpart ZZZZ and 40 CFR 60 Subpart JJJJ do not apply.
4. An operational non-resettable four-digit (9,999) totalizing time meter, and a non-resettable fuel meter or acceptable alternative, shall be installed and maintained on the engine.
5. Owner/operator shall maintain records on the date and duration (in hours) of each use, the reason for use (testing and maintenance, emergency, compliance testing), the cumulative annual hours of operation, the cumulative annual fuel consumption (in gallons) and the fuel sulfur concentration (owner/operate may use the supplier's certification of sulfur content).
6. This emission unit has been permitted in accordance with District Regulation XIII,

utilizing Simultaneous Emission Reductions (SERs) resulting from restriction of use placed on emission unit with valid District permit # E010468.

**District/State-only enforceable sections**

7. Engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or if the utility expects to order such outages. The engine may operate for no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer in effect or imminent.
8. This unit shall not be used to provide power during a voluntary agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier.
9. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of a conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

149. CONDITIONS APPLICABLE TO DIESEL IC ENGINE, EMERGENCY GENERATOR (SITE 2), AVAQMD PERMIT # E011311 and E011312:

1. This certified, stationary, compression-ignited, internal combustion engine shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit. [District Rule 201 and 40 CFR Part 60, Subpart IIII - NSPS for Stationary Compression Ignition ICE ]
2. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time. [17 CCR 93115 - Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines and 40 CFR Subpart IIII]
3. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15ppm) on a weight per weight basis per CARB Diesel or equivalent requirements. [17 CCR 93115 and 40 CFR 80.510, Standards and Marker Requirements for NRLM diesel fuel]
4. Engine may operate in response to notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or expects to order such outages at a particular time, the engine is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect. [17 CCR 93115 and 40CFR 63 Subpart IIII]

5. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted. In addition, this unit shall be operated no more than 50 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 50 hour per year limit. Furthermore, pursuant to District Rule 1110.2, this unit shall be operated less than 200 hours per calendar year. This requirement includes usage during emergencies. [17 CCR 93115, and 40 CFR Subpart III]
6. The o/o shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below:
  - a. Date of each use and duration of each use (in hours);
  - b. Reason for use (testing & maintenance, emergency, required emission testing);
  - c. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
  - d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log). [17 CCR 93115]
7. This unit shall not be used to provide power during a voluntary agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier. [17 CCR 93115]
8. This genset is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115) and Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40 CFR Part 60, Subpart III). In the event of conflict between these conditions and the ATCM or NSPS, the more stringent requirements shall govern.

150. CONDITIONS APPLICABLE TO DIESEL IC ENGINE, EMERGENCY GENERATOR (SITE 7-, BUIDING 780), AVAQMD PERMIT # E011477:

1. This certified, stationary, compression-ignited, internal combustion engine and control devices shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.  
[40 CFR 60.4211(a) - Subpart III - NSPS for Stationary Compression Ignition ICE]
2. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.  
[17 CCR 93115, ATCM for Stationary Compression Engines and 40 CFR 60.4209(a), Subpart III - NSPS for Stationary Compression Ignition ICE]

3. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15ppm) on a weight per weight basis per CARB Diesel or equivalent requirements.  
[17 CCR 93115, ATCM for Stationary Compression Engines and 40 CFR 80.510, Standards and Marker Requirements for NRLM diesel fuel]
4. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted. In addition, this unit shall be operated no more than 20 hours per year for testing and maintenance. Furthermore, pursuant to District Rule 1110.2, this unit shall be operated less than 200 hours per calendar year, including usage during emergencies.  
[District Rule 1110.2, Emissions from Stationary, Non-road & Portable Internal Combustion Engines, 17 CCR 93115, ATCM for Stationary Compression Engines, and 40 CFR 60.4211(e), Subpart III - NSPS for Stationary Compression Ignition ICE]
5. The owner/operator shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below:
  - a. Date of each use and duration of each use (in hours);
  - b. Reason for use (testing & maintenance, emergency, required emission testing, etc.);
  - c. Monthly and calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
  - d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).[17 CCR 93115, ATCM for Stationary Compression Engines]
6. Engine may operate in response to notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or expects to order such outages at a particular time, the engine is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect.  
[17 CCR 93115, ATCM for Stationary Compression Engines]
7. This unit shall not be used to provide power during a voluntary agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier.  
[17 CCR 93115, ATCM for Stationary Compression Engines]
8. This genset is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115) and the

New Source Performance Standards (NSPS) for Stationary Compression Ignition IC Engines (40 CFR 60, Subpart IIII). In the event of conflict between these conditions, the ATCM, and the NSPS, the more stringent requirements shall govern.

9. This equipment was offset using ERCs for VOC; therefore, this equipment shall not be included in the facility's VOC emission cap.
10. This equipment shall comply with all the applicable requirements of this facility's current federal operating permit including Part II - Facilitywide Applicable Requirements.
11. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, upon District request.

151. CONDITIONS APPLICABLE TO (2) PORTABLE HVLP PAINT SPRAY SYSTEM, AVAQMD PERMIT #'s P011695 AND P011696:

1. The total quantity of VOCs emitted from surface coating operations (including hand surface preparation operations and equipment clean-up) from this HVLP spray gun system shall not exceed 25 lbs in any day, from midnight to midnight. [BACT limiting condition, District Rule 1303 (A)(1)]
2. Paint cup capacity must be equal to or less than 3.0 fluid ounces (89 cubic centimeters) when conducting spray application of coatings to a plastic and/or metal substrate where the coatings contain compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd), collectively referred to as Target HAPs (defined at 40 CFR 63.11180). [Exemption- 40 CFR 63.11170(a)(2)]
3. Owner/operator shall track the use of Target HAPs in this equipment through records of coating formulation data provided by the manufacturer or supplier, such as the material safety data sheet (MSDS). Such records shall be kept for a minimum of five years and provided to District, State, or Federal Personnel upon request.
4. Hexavalent chromium emissions from this equipment and that with valid District permit P011696 may not exceed a combined total of 2.03E-04 pounds per year. [District Rule 1401]
5. This equipment must be installed, operated, and maintained in accordance with manufacturer specifications. Specifically, the air compressor powering this equipment must be capable of holding 40 psi when spraying, and air hose lengths up to 50 feet, and greater than 50 feet, must have inner diameters of 3/8 inch and 1/2 inch, including fittings, respectively. [District Rule 1302 (C)(2)(a)]

6. This equipment may not be used unless properly vented to air pollution control device with valid District permit C011697 or C011698. [District Rule 1401]
7. Owner/operator shall maintain adequate records to verify daily usage and daily VOC emissions in accordance with Rule 109. The records, either paper or computerized, shall be kept on-site and available for review upon request by District, State or Federal personnel. [District Rule 109]

152. CONDITIONS APPLICABLE TO (2) PORTABLE AIR POLLUTION CONTROL EQUIPMENT (PAPCE), AVAQMD PERMIT #'s C011697 AND C011698:

1. A gauge shall be installed to indicate the static pressure differential across the filters. O/o shall establish maximum pressure differential using manufacturer suggested guidance. [1302 (C)(2)(a)]
2. Owner/operator shall log the date of all repairs to and replacements of the filter media. [1302 (C)(2)(a)]
3. While in operation this equipment shall not be operated unless all exhaust air passes through a HEPA filter with a 99.97% control efficiency design. [1302 (C)(2)(a)]
4. A log shall be maintained containing the following:
  - a. System inspection records;
  - b. Pressure differential recordings ( in inches water column);
  - c. Pressure differential operating range ( in inches water column) and
  - d. Filter repair/replacement records.The log, either paper or computerized, shall be kept on-site and available for review at any time by District, State or Federal personnel. [1302 (C)(2)(a)]
5. While in use the air inlet ducts shall be positioned according to manufactures recommendations and/or in such a manner that emissions during coating operations are minimized to the greatest extent possible. [1302 (C)(2)(a)]

## PART IV STANDARD CONDITIONS

### A. STANDARD FEDERAL OPERATING PERMIT CONDITIONS

1. If any portion of this Federal Operating Permit is found to be invalid by the final decision of a court of competent jurisdiction the remaining portion(s) of this Federal Operating Permit shall not be affected thereby.  
[40 CFR 70.6(a)(5); Rule 3003(D)(1)(f)(i)]
2. The Owner/Operator shall comply with all condition(s) contained herein. Noncompliance with any condition(s) contained herein constitutes a violation of the Federal Clean Air Act and of AVAQMD Regulation XXX and is grounds for enforcement action; termination, revocation and re-issuance, or modification of this Federal Operating Permit; and/or grounds for denial of a renewal of this Federal Operating Permit.  
[40 CFR 70.6(a)(6)(i); Rule 3003(D)(1)(f)(ii)]
3. It shall not be a defense in an enforcement action brought for violation(s) of condition(s) contained in this Federal Operating Permit that it would have been necessary to halt or reduce activity to maintain compliance with those condition(s).  
[40 CFR 70.6(a)(6)(ii); Rule 3003(D)(1)(f)(iii)]
4. This Federal Operating Permit may be modified, revoked, reopened or terminated for cause.  
[40 CFR 70.6(a)(6)(iii); Rule 3003(D)(1)(f)(iv)]
5. The filing of an application for modification; a request for revocation and re-issuance; a request for termination; notifications of planned changes; or anticipated noncompliance with condition(s) does not stay the operation of any condition contained in this Federal Operating Permit.  
[40 CFR 70.6(a)(6)(iii); Rule 3003(D)(1)(f)(v)]
6. The issuance of this Federal Operating Permit does not convey any property rights of any sort nor does it convey any exclusive privilege.  
[40 CFR 70.6(a)(6)(iv); Rule 3003(D)(1)(f)(vi)]
7. The Owner/Operator shall furnish to the AVAQMD, within a reasonable time as specified by the AVAQMD, any emissions or compliance-related information that the AVAQMD may request in writing.  
[40 CFR 70.6(a)(6)(v); Rule 3003(D)(1)(f)(vii)]

8. The Owner/Operator shall furnish to District, State or Federal personnel, upon request, copies of any records required to be kept pursuant to condition(s) of this Federal Operating Permit.  
[40 CFR 70.6(a)(6)(v); Rule 3003(D)(1)(f)(viii)]
9. Any records required to be generated and/or kept by any portion of this Federal Operating Permit shall be retained by the facility Owner/Operator for at least five (5) years from the date the records were created.  
[40 CFR 70.6(a)(3)(ii)(B); Rule 3003(D)(1)(d)(ii)]
10. The Owner/Operator shall pay all applicable fees as specified in AVAQMD Regulation III, including those fees related to permits as set forth in Rules 301 and 312.  
[40 CFR 70.6(a)(7); Rule 3003(D)(1)(f)(ix)]
11. The Owner/Operator shall not be required to revise this permit for approved economic incentives, marketable permits, emissions trading or other similar programs provided for in this permit.  
[40 CFR 70.6(a)(8); Rule 3003(D)(1)(f)(x)]
12. Compliance with condition(s) contained in this Federal Operating Permit shall be deemed compliance with the Applicable Requirement underlying such condition(s).  
[40 CFR 70.6(f)(1); Rule 3003(G)(1)]
13. The Permit Shield, if applicable, shall not be construed to limit the emergency powers of USEPA as set forth in 42 U.S.C. §7603.  
[40 CFR 70.6(f)(3)(i); Rule 3003(G)(3)(a)]
14. The Permit Shield, if applicable, shall not be construed to limit liability for violations which occurred prior to the issuance of this Federal Operating Permit.  
[40 CFR 70.6(f)(3)(ii); Rule 3003(G)(3)(b)]
15. The Permit Shield, if applicable, shall not be construed to alter any Applicable Requirement Contained in the Acid Rain Program.  
[40 CFR 70.6(f)(3)(iii); Rule 3003(G)(3)(c)]
16. The Permit Shield, if applicable, shall not be construed to limit the ability of USEPA or the AVAQMD to obtain information pursuant to other provisions of law including but not limited to 42 U.S.C. §7414. [40 CFR 70.6(f)(3)(iv); Rule 3003(G)(3)(d)]
17. The Permit Shield, if applicable, shall not be construed to apply to emissions trading pursuant to provisions contained in an applicable State Implementation Plan.  
[40 CFR 70.4(b)(12)(ii)(B); Rule 3003(G)(3)(e)]

18. The Permit Shield, if applicable, shall not be construed to apply to changes made which are not expressly allowed by this Federal Operating Permit.  
[40 CFR 70.4(b)(14)(iii); Rule 3003(G)(3)(f)]
19. The Permit Shield, if applicable, shall not be construed to apply to changes made pursuant to the Significant Permit Modification provisions until such changes are included in this Federal Operating Permit.  
[40 CFR 70.5(a)(1)(ii), 70.7(e)(2)(vi); Rule 3003 (G)(3)(g)]
20. If the Owner/Operator performs maintenance on, or services, repairs, or disposes of appliances, the Owner/Operator shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. These requirements are Federally Enforceable through this Title V Permit.  
[40 CFR Part 82, Subpart F]
21. If the Owner/Operator performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the Owner/Operator shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. These requirements are Federally Enforceable through this Title V Permit.  
[40 CFR Part 82, Subpart B]
22. Notwithstanding the testing requirements contained elsewhere in this Title V Permit, any credible evidence may be used to establish violations, including but not limited to; reference test methods, engineering calculations, indirect estimates of emissions, CEMS data, and parametric monitoring data. Data need not be required to be collected in a Title V permit in order to be considered credible.  
[Section 113(a) of the Clean Air Act]

## B. ADMINISTRATIVE CONDITIONS

1. Any data and records required to be generated and/or kept by any portion of this permit shall be kept current and on site for a minimum of five (5) years from the date generated pursuant to Title V Program requirements and shall be provided to District, State, or Federal personnel upon request.  
[40 CFR 70.6(a)(3)(ii)(B); Rule 3003(D)(1)(d)(ii)]
2. Any reports generated from monitoring required by any portion of this permit shall be submitted by the facility Owner/Operator to the AVAQMD at least every six (6) months unless another time period is specified in the specific provision requiring monitoring.  
[40 CFR 70.6(a)(3)(iii)(A); Rule 3003(D)(1)(e)(i)]
3. Any Compliance/Performance testing required by this Federal Operating Permit shall follow the administrative procedures contained in the District's Compliance Test Procedural Manual. Any required annual Compliance and/or Performance Testing shall be accomplished by obtaining advance written approval from the District pursuant to the District's Compliance Test Procedural Manual. All emission determinations shall be made as stipulated in the Written Test Protocol accepted by the District. When proposed testing involves the same procedures followed in prior District approved testing, then the previously approved Written Test Protocol may be used with District concurrence.  
[40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements](For Periodic Monitoring Requirements; see Part II and Part III conditions)
4. Owner/Operator shall promptly report all deviations from federal operating permit requirements including, but not limited to; any emissions in excess of permit conditions, and any other deviations from permit conditions. Such reports shall include the probable cause of the deviation and any corrective action or preventative measures taken as a result of the deviation. [Rule 3003(D)(1)(e)(ii)]

Prompt reporting shall be determined as follows:

- (a) For deviations involving excess emissions of air contaminants, but not including those caused by a breakdown and reported pursuant to Rule 430 {Part IV Condition 13}, prompt reporting shall be within ten days of the occurrence of the excess emission or within ten days of the time a person knew or reasonably should have known of the excess emission. Documentation and other relevant evidence regarding the excess emission shall be submitted to the District within sixty (60) days of the date the excess emission was reported to the District.
- (b) For other deviations from permit conditions not involving excess emissions of air contaminants shall be submitted to the District with any required monitoring reports at least every six (6) months. [Rule 3003(D)(1)(e)(i)]

5. The Owner/Operator shall allow an authorized representative of the AVAQMD to enter the permit holder's premises where a source is located, an emissions-related activity is located, or where records are kept, at reasonable times, with or without notice.  
[40 CFR 70.6(c)(2)(i); Rule 3003(D)(1)(g)(i)]
6. The Owner/Operator shall allow an authorized representative of the AVAQMD to have access to and copy any records that must be kept under condition(s) of this Federal Operating Permit.  
[40 CFR 70.6(c)(2)(ii); Rule 3003(D)(1)(g)(ii)]
7. The Owner/Operator shall allow an authorized representative of the AVAQMD to inspect any equipment, practice or operation contained in or required under this Federal Operating Permit.  
[40 CFR 70.6(c)(2)(iii); Rule 3003(D)(1)(g)(iii)]
8. The Owner/Operator shall allow an authorized representative of the AVAQMD to sample and/or otherwise monitor substances or parameters for the purpose of assuring compliance with this Federal Operating Permit or with any applicable requirement.  
[40 CFR 70.6(c)(2)(iv); Rule 3003(D)(1)(g)(iv)]
9. If the Owner/Operator is operating pursuant to a Schedule of Compliance contained herein then the Owner/Operator shall submit a Progress Report regarding that Schedule of Compliance on a semiannual [6 month] basis unless a shorter time is set forth in the Schedule of Compliance itself.  
[40 CFR 70.6(c)(5)(i); Rule 3003(D)(1)(g)(vi)]
10. Owner/Operator shall remain in compliance with all applicable requirements / federally enforceable requirements by complying with all compliance, monitoring, record-keeping, reporting, testing, and other operational conditions contained in this Federal Operating Permit. Except as to district- or state-only requirements, any noncompliance constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; the termination, revocation and re-issuance, or modification of this Federal Operating Permit; and/or grounds for denial of a renewal application.  
[Rule 3003 (D)(1)(f)(ii)]
11. Owner/Operator shall comply in a timely manner with all applicable requirements / federally enforceable requirements that become effective during the term of this permit.  
[Rule 3001 (I)(2)]  
[Rule 3003 (F)(1)]
12. If any equipment is determined to not be in compliance with any federally enforceable requirement during the 5 year permit term, the Owner/Operator shall obtain a *Schedule of*

*Compliance* approved by the District Hearing Board pursuant to the requirements of AVAQMD Regulation 5 (Rules 501 - 518). In addition, the Owner/Operator shall submit a *Progress Report* on the implementation of the *Schedule of Compliance*. The *Schedule of Compliance* shall contain the information outlined in (b), below. The *Progress Report* shall contain the information outlined in (c), below. The *Schedule of Compliance* shall become a part of this Federal Operating Permit by administrative incorporation. The *Progress Report* and *Schedule of Compliance* shall comply with Rule 3001(I)(3)(iii) and shall include:

- (a) A narrative description of how the facility will achieve compliance with such requirements; and
- (b) A *Schedule of Compliance* which contains a list of remedial measures to be taken for the facility to come into compliance with such requirements, an enforceable sequence of actions, with milestones, leading to compliance with such requirements and provisions for the submission of *Progress Reports* at least every six (6) months. The *Schedule of Compliance* shall include any judicial order, administrative order, and/or increments of progress or any other schedule as issued by any appropriate judicial or administrative body or by the District Hearing Board pursuant to the provisions of Health & Safety Code §42350 et seq.; and
- (c) *Progress Reports* submitted under the provisions of a *Schedule of Compliance* shall include: Dates for achieving the activities, milestone, or compliance required in the *Schedule of Compliance*; and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the *Schedule of Compliance* were not or will not be met; and any preventive or corrective measures adopted due to the failure to meet dates in the schedule of compliance.

[Rule 3001 (I)(3)(iii); Rule 1203 (D)(1)(e)(ii); Rule 3003 (D)(1)(g)(v)]

[Rule 430 - *Breakdown Provisions*, Version in SIP = Not SIP]

13. Owner/Operator shall submit, on a *semi-annual* basis a *Monitoring Report* to the APCO/District pursuant to District Rule 3003. Each *Monitoring Report* shall cover the periods from July 2 to December 31 and from January 1 to July 1, and be postmarked by the 30 day of the end of the reporting period. This monitoring report shall be certified to be true, accurate, and complete by a responsible official, and may include the following information and/or data:

- (a) Summary of deviations from any federally-enforceable requirement in this permit.
- (b) Summary of all emissions monitoring and analysis methods required by any Applicable Requirement / federally - enforceable requirement.
- (c) Summary of all periodic monitoring, testing or record keeping (including test methods sufficient to yield reliable data) to determine compliance with any Applicable Requirement / federally - enforceable requirement that does not directly require such monitoring.

[Rule 3003 (D)(1)(e)(i); and 3003 (D)(1)(c)(i - iii)]

14. Owner/operator shall submit a *Compliance Certification Report* to the APCO/District on an *annual* basis pursuant to District Rule 3003. The *Compliance Certification Report* shall be postmarked by August 1 of each year and the report must cover the previous calendar year. This report shall identify each Applicable Requirement/federally-enforceable requirement in this permit, the compliance status of each subject process unit, whether the compliance was continuous or intermittent since the last certification, and the method(s) used to determine or monitor compliance. Each report shall be certified to be true, accurate, and complete by a responsible official and a copy of this annual report shall also be contemporaneously submitted to the EPA Region IX Administrator.  
[Rule 3003 (D)(1)(g)(vii - x:)]
  
15. Owner/Operator shall comply with any additional certification requirements as specified in 42 U.S.C §7414(a)(3), Recordkeeping, Inspections, Monitoring and Entry (Federal Clean Air Act §114(a)(3)) and 42 U.S.C. §7661c(b), Permit Requirements and Conditions (Federal Clean Air Act §503(b)), or in regulations promulgated there under.  
[Rule 3003 (D)(1)(g)(x)]

### C. PERMIT TO OPERATE ADMINISTRATIVE CONDITIONS

1. A permit is required to operate this facility.

[Rule 203 - *Permit to Operate*; [Version in SIP = 8/19/1997 Approved 2/22/2005, 70 FR 8557, 40 CFR 52.220(c)(254)(i)(E)(3); Current Rule Version = 8/19/1997]

2. The equipment shall not be operated contrary to the conditions specified in the permit to operate.

[Rule 203 - *Permit to Operate*; [Version in SIP = 8/19/1997 Approved 2/22/2005, 70 FR 8557, 40 CFR 52.220(c)(254)(i)(E)(3); Current Rule Version = 8/19/1997]

3. The Air Pollution Control Officer may impose written conditions on any permit.

[Rule 204 – *Permit Conditions*; [Version in SIP = 8/19/1997 Approved 2/22/2005, 70 FR 8557, 40 CFR 52.220(c)(254)(i)(E)(3); Current Rule Version = 8/19/1997]

4. Commencing work or operation under a permit shall be deemed acceptance of all the conditions so specified.

[Rule 204 – *Permit Conditions*; [Version in SIP = 8/19/1997 Approved 2/22/2005, 70 FR 8557, 40 CFR 52.220(c)(254)(i)(E)(3); Current Rule Version = 8/19/1997]

5. Posting of the permit to operate is required on or near the equipment or as otherwise approved by the APCO/District.

[Rule 206 - *Posting of Permit to Operate*; [Version in SIP = 1/9/1976 Approved 11/9/1978, 43 FR 52237, 40 CFR 52.220(c)(39)(iii)(B); Approved 11/9/1978, 43 FR 52237, 40 CFR 52.220(c)(31)(vi)(C,) Submitted as amended 8/19/1997 on 3/10/1998; Current Rule Version = 8/19/1997: *Current rule adds a provision for facility permits and requires that they be kept at the location for which they are issued. For compliance purposes the current version of the rule shall apply.*]

6. A person shall not willfully deface, alter, forge, or falsify any permit issued under District rules.

[Rule 207 - *Altering or Falsifying Of Permit*; {Version in SIP = 1/9/1976 Approved 11/9/1978, 43 FR 52237, 40 CFR 52.220(c)(39)(iii)(B); Approved 11/9/1978, 43 FR 52237, 40 CFR 52.220(c)(31)(vi)(C,); Current Rule Version = 1/9/1976]

7. A permit shall not be transferable, whether by operation of law or otherwise, either from

one location to another, from one piece of equipment to another, or from one person to another.

[Rule 209 - *Transfer And Voiding Of Permits*; [Version in SIP = 1/9/1976 Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(iii)(B) and 40 CFR 52.220(c)(31)(vi)(C)]: Submitted as amended 1/5/1990 on 12/31/1990; Submitted as amended 11/1/1985 on 6/4/1986; Current Rule Version = 1/5/1990]

8. The Air Pollution Control Officer may require the applicant or permittee to provide and maintain such facilities as are necessary for sampling and testing.

[Rule 217 - *Provision for Sampling and Testing Facilities*; [Version in SIP = 8/19/1997 Approved 2/22/2005, 70 FR 8557, 40 CFR 52.220(c)(254)(i)(E)(3); Current Rule Version = 8/19/1997]

9. The equipment at this facility shall not require a District permit or be listed on the Title V permit if such equipment is listed in Rule 219 and meets the applicable criteria contained in Rule 219 (B). However, any exempted insignificant activities/equipment are still subject to all applicable facility-wide requirements.

[Rule 219 - *Equipment Not Requiring a Written Permit*; Version in SIP = 9/4/1981 Approved 7/6/1982 47 FR 29231, 40 CFR 52.220(103)(xviii)(A), Submitted as amended on 2/16/1999; Current Rule Version = 11/15/2005; *Current rule includes exemption for portable IC engines qualified as Military Tactical Support Equipment and registered pursuant to Portable Equipment Registration Program and other pertinent exemptions – For compliance purposes the current version of the rule shall apply*]

10. The Owner/Operator of this facility shall obtain a Federal Operating Permit for operation of this facility.

[Rule 225 - *Federal Operating Permit Requirement*; SIP: SIP Pending;: Submitted as adopted 3/17/1998 on 2/16/1999, Current Rule Version = 3/17/1998]

11. Owner/Operator shall pay all applicable AVAQMD permit fees.

[Rule 301 - *Permit Fees*; Version in SIP = Not SIP]

12. Owner/Operator shall pay all applicable AVAQMD Title V Permit fees.

[Rule 312 - *Supplemental Fees for Federal Operating Permits*; Not SIP]

13. The APCO in his/her discretion, may refrain from enforcement action against an owner/operator of any equipment which has violated a technology-based emission limitation, including but not limited to conditions contained in any permit issued by the

District establishing such emission limitation, provided that a Breakdown has occurred and:

- (a) Any Breakdown which results in emissions exceeding a technology-based emission limitation is reported to the District within one hour of such Breakdown or within one hour of the time a person knew or reasonably should have known of the occurrence of such Breakdown; and
- (b) An estimate of the repair time is provided to the District as soon as possible after the report of the Breakdown; and
- (c) All reasonable steps are immediately taken to minimize the levels of emissions and to correct the condition leading to the excess emissions.
- (d) The equipment is operated only until the end of a cycle or twenty-four (24) hours, whichever is sooner, at which time it shall be shut down for repairs unless a petition for an emergency variance has been filed with the Clerk of the Hearing Board in accordance with Regulation V.
- (e) If the Breakdown occurs outside normal District working hours the intent to file an emergency variance shall be transmitted to the District in a form and manner prescribed by the Air Pollution Control Officer.

[Rule 430 - *Breakdown Provisions*, Version in SIP = Not SIP]

14. Owner/Operator shall not burn or allow the burning of combustible materials in an open outdoor fire within the District without first obtaining a written permit, as required by District Rule 208, for such burning from the Executive Officer and, when required, from the local fire protection agency.

[Rule 444 – Open Fires, Version in SIP = 10/2/1981 approved 7/6/1982 47 FR 29231, 40 CFR 52.220(c)(104)(ii)(A), Submitted as amended 10/2/1987 on 3/23/1988; Current Rule Version = 10/2/1987]

## PART V OPERATIONAL FLEXIBILITY

### A. ALTERNATIVE OPERATING SCENARIO(S):

#### OFF PERMIT CHANGES:

- I. Permittee may make a proposed change to equipment covered by this permit that is not expressly allowed or prohibited by this permit if:
  - A. Permittee has applied for and obtained all permits and approvals required by AVAQMD Regulation II and Regulation XIII unless the equipment involved in the change is exempt from obtaining such permits and approvals pursuant to the provisions of Rule 219; and
    1. The proposed change is not:
      - a. Subject to any requirements under Title IV of the Federal Clean Air Act; or *[See 3003(E)(1)(c)(i)b.]*
      - b. A modification under Title I of the Federal Clean Air Act; or
      - c. A modification subject to Regulation XIII; and *[See 3003(E)(1)(c)(i) b.]*
      - d. The change does not violate any Federal, State or Local requirement, including an applicable requirement; and *[See 3003(E)(1)(c)(i)b.]*
      - e. The change does not result in the exceedance of the emissions allowable under this permit (whether expressed as an emissions rate or in terms of total emissions). *[See 3003(E)(1)(c)(i)b.]*
- II. Procedure for “Off Permit” Changes
  - A. If a proposed “Off Permit Change” qualifies under Part V, Section (A)(I)(A)(1) above, permittee shall implement the change as follows:
    1. Permittee shall apply for an Authority To Construct permit pursuant to the provisions of Regulation II. *[See 3003(E)(1)(c)(ii)a.]*
    2. In addition to the information required pursuant to the provisions of Regulation II and Regulation XIII such application shall include:
      - a. A notification that this application is also an application for an “Off Permit” Change pursuant to this condition; and *[See 3003(E)(1)(c)(ii)b.]*
      - b. A list of any new Applicable Requirements which would apply as a result of the change; and *[See 3003(E)(1)(c)(ii)b.]*
      - c. A list of any existing Applicable Requirements which would cease to apply as a result of the change. *[See 3003(E)(1)(c)(ii)b.]*
    3. Permittee shall forward a copy of the application and notification to

USEPA upon submitting it to the District. *[See 3003(E)(1)(c)(ii)c.]*

- B. Permittee may make the proposed change upon receipt from the District of the Authority to Construct Permit or thirty (30) days after forwarding the copy of the notice and application to USEPA whichever occurs later. *[See 3003(E)(1)(c)(ii)a. and e.]*
  - C. Permittee shall attach a copy of the Authority to Construct Permit and any subsequent Permit to Operate which evidences the Off Permit Change to this Title V permit. *[See 3003(E)(1)(c)(ii)d.]*
  - D. Permittee shall include each Off-Permit Change made during the term of the permit in any renewal application submitted pursuant to Rule 3002(B)(3)(b). *[See 3003(E)(1)(c)(ii)d.]*
- III. Other Requirements:
- A. The provisions of Rule 3005 – Modifications do not apply to an Off Permit Change made pursuant to this condition.
  - B. The provisions of Rule 3003(G) – Permit Shield do not apply to an Off Permit Change made pursuant to this condition. *[See 40 CFR 70.4(b)(i)(B)]*

[Rule 3003(E)(1)(c)]

## PART VI CONVENTIONS, ABBREVIATIONS, DEFINITIONS

A. The following referencing conventions are used in this Federal Operating Permit:

- 40CFR60, Standards of Performance for New Stationary Sources (NSPS)
- 40CFR60, Appendix F, Quality Assurance Procedures
- 40CFR61, National Emission Standards for Hazardous Air Pollutants (NESHAPS)
- 40CFR61, Subpart M, National Emission Standards for Asbestos
- 40CFR63, National Emission Standards for Hazardous Air Pollutants (NESHAPS)

B. Other conventions:

1. Unless otherwise noted, a “day” shall be considered a 24 hour period from midnight to midnight (i.e., calendar day).
2. The process unit identifications represent the District permit number designations. These numbers are not sequential. The use of District permit numbers provides continuity between the District and Federal Operating Permit systems.

C. Abbreviations used in this permit are as follows:

CFR	Code of Federal Regulations
APCO	Air Pollution Control Officer
bhp	brake horse power
Btu	British thermal units
CCR	California Code of Regulations
CDM	compliance demonstration method
CEMS	continuous emissions monitoring system
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
District	Antelope Valley Air Quality Management District
AVAQMD	Mojave Desert Air Quality Management District
AV	Antelope Valley Air Quality Management District
gr/dscf	grains per dry standard cubic foot
gpm	gallons per minute
gph	gallons per hour
hp	horse power
H&SC	California Health and Safety Code
lb	pounds
lb / hr	pounds per hour

lb / MM Btu	pounds per million British thermal units
MM Btu	million British thermal units
MM Btu/hr	million British thermal units per hour
MW	Megawatt electrical power
MW(e) net	net Megawatt electrical power
NH <sub>3</sub>	ammonia
NMOC	non-methane organic compounds
NO <sub>x</sub>	oxides of nitrogen
NO <sub>2</sub>	nitrogen dioxide
O <sub>2</sub>	oxygen
pH	pH (acidity measure of solution)
PM <sub>10</sub>	particulate matter less than 10 microns aerodynamic diameter
ppmv	parts per million by volume
psig	pounds per square inch gauge pressure
QA	quality assurance
rpm	revolutions per minute
RVP	Reid vapor pressure
SCAQMD	South Coast Air Quality Management District
scfm	standard cubic feet per minute
scfh	standard cubic feet per hour
SIC	Standard Industrial Classification
SIP	State of California Implementation Plan
SO <sub>x</sub>	oxides of sulfur
SO <sub>2</sub>	sulfur dioxide
tpy	tons per year
TVP	true vapor pressure

D. DEFINITIONS:

For the purposes of AVAQMD rules and their use in this Federal Operating Permit, the definitions contained in the specified AVAQMD rule shall apply.

## APPENDIX A

Applicable rule references;

Rule 109- *Recordkeeping For Volatile Organic Compound Emissions*

Rule 442 - *Usage of Solvents*

Rule 1107 - *Coating Of Metal Parts And Products*

Rule 1113 - *Architectural Coatings*

Rule 1124 - *Aerospace Assembly And Component Manufacturing Operations*

Rule 1136 - *Wood Products Coatings*

Rule 1140 – *Abrasive Blasting*

Rule 1145 – *Plastic, Rubber and Glass Coatings*

Rule 1162 – *Polyester Resin Operations*

Rule 1168 – *Adhesive Applications*

Rule 1171- *Solvent Cleaning*

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APPENDIX B

Permit by location:

<b>Plant</b>	<b>Building</b>	<b>Permit No.</b>	<b>Equipment Description</b>
10	601	A006508	Abrasive Blasting Cabinet
10	601	A006389/C006388	Abrasive Blasting Cabinet & Baghouse/Dust Collector
10	601	A006408/C006400	Abrasive Blasting Cabinet & Baghouse/Dust Collector
10	601	A006888/C006391	Abrasive Blasting Room & Baghouse/Dust Collector
10	601	E006453	Emergency IC Engine
10	601	E006454	Emergency IC Engine
10	601	S008564	Paint Spray Booth
10	601	S008708	Paint Spray Booth
10	601	S007053	Paint Spray Booth
10	601	S007589	Paint Spray Booth
10	601	P006395	Spray Gun
10	601	P010148	Spray Gun
10	ESH	P010051	Spray Gun
10	602	P010052	Spray Gun
10	601	P010178	Spray Gun
10	601	P010179	Spray Gun
10	601	P010180	Spray Gun
10	601	C007375	Portable Air Pollution Control Device
10	601	B010110	Curing Oven
10	602	E006470	Emergency IC Engine
10	602	C007747	Portable Air Pollution Control Device
10	602	P006362	Spray Gun
10	602	P006363	Spray Gun
10	602	P009886	Spray Gun
10	602	P009887	Spray Gun
10	602	P009888	Spray Gun
10	602	S010188	Spray Booth
10	603	B006491	Boiler #1
10	603	B006488	Boiler #2
10	603	B006436/C006459	Boiler #3 & SCR
10	603	E006498	Emergency IC Engine
10	604	E006811	Emergency IC Engine
10	604	E006812	Emergency IC Engine

<b>Plant</b>	<b>Building</b>	<b>Permit No.</b>	<b>Equipment Description</b>
10	604	E007217	Emergency IC Engine
10	604	P006440	Spray Gun
10	604	P006885	Spray Gun
10	608	E011076	Emergency IC Engine
10	609	S009629	Paint Spray Booth
10	610	A007056/C007651	Abrasive Blasting Cabinet & Baghouse/Dust Collector
10	610	A007054/S006448/ C007055	Abrasive Blasting Room/Spray Booth & Baghouse/Dust Collector
10	610	E006124	Emergency IC Engine
10	610	S006441	Paint Spray Booth
10	610	S006442	Paint Spray Booth
10	610	S006443	Paint Spray Booth
10	610	S006451	Paint Spray Booth
10	610	S006478	Paint Spray Booth
10	611	E010	Emergency IC Engine
10	611	E006427	Emergency IC Engine
10	612	E006496	Emergency IC Engine
10	613	B006432/C006429	Shredder & Baghouse/Dust Collector
10	615	E006420	Emergency IC Engine
10	615	E006446	Emergency IC Engine
10	615	E006510	Emergency IC Engine
10	615	E006511	Emergency IC Engine
10	616	E006472	Emergency IC Engine
10	616	E006486	Emergency IC Engine
10	616	E006499	Emergency IC Engine
10	616	E006516	Emergency IC Engine
10	617	N006513	Gasoline Dispensing, Non-Retail
10	627	S006493	Paint Spray Booth
10	629	T010185	Still – Paint Thinner Recycler
10	636	A006500	Abrasive Blasting Room
10	636	B006435	Oven
10	636	B006886	Oven
10	636	B006423	Silk Screening Equipment
10	636	C010991	Concentrator/RTO

10	636	B009972	Coating and Curing Oven Line
<b>Plant</b>	<b>Building</b>	<b>Permit No.</b>	<b>Equipment Description</b>
10	629	T006465	Storage Tank
10	637	T006484	Storage Tank
10	641	S006476	Paint Spray Booth
10	645	S006439	Paint Spray Booth
10	645	B010253	Polyurethane Foam Processing System
10	646	A006505/C006506/ C006507	Abrasive Blasting Room & 2 Baghouse/Dust Collector
10	646	A006431/C006482	Abrasive Blasting Room & Baghouse/Dust Collector
10	646	B008122	Oven
10	646	B008123	Oven
10	646	B008124	Oven
10	646	S008119	Paint Spray Booth
10	646	S008120	Paint Spray Booth
10	646	S008121	Paint Spray Booth
10	636A	S006480	Paint Spray Booth
10	636A	T007374	Strip Tank
10	637A	A006421	Abrasive Blasting Room
10	637A	B008132	Coating Line
10	637A	B008133	Coating Line
10	637A	B006456	Flow Coater
10	637A	B006509	Flow Coater
10	637A	T008033	Flow Coater
10	637A	T008515	Flow Coater
10	637A	B006116	Oven
10	637A	B006117	Oven
10	637A	C006118	UVOX
10	637A	B010207	Batch Ink Mixing Equipment
10	650	T010186	Storage Tank, Clean Coolant
10	637	B008422	Process Line

