

# South Coast Air Quality Management District

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

May 13, 2011

Mr. Mike Hanna  
General Manager  
United Airlines, Inc.  
PO Box 92245 LAXOZ  
Los Angeles, CA 90009

**SUBJECT:** RECLAIM/Title V Facility Permit Administrative Revision (Facility ID:  
009755)

Dear Mr. Hanna:

Please find attached the revised Table of Contents, Sections A, D, J and K, and Appendix A of your RECLAIM/Title V Facility Permit. This administrative permit revision includes:

- Change of serial number of the device D32
- Removal of devices D14, D15, D25, D26, D27, D30, D34, D43 and D55
- Inclusion of applicable Rules 1171, 1168, 1113 and 40CFR Part 63 subpart HHHHHH
- Update of information of the contact person at the facility
- Update Rule 219-exempt equipment list

Please review the attached sections carefully. Insert the enclosed sections into your RECLAIM/Title V Facility Permit and discard the earlier version. Questions concerning changes to your permit should be directed to Mr. Thai Tran at (909) 396-2562.

Sincerely,

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

BLY:DR:TT

Attachment

cc: Gerardo Rios, EPA Region IX



## FACILITY PERMIT TO OPERATE

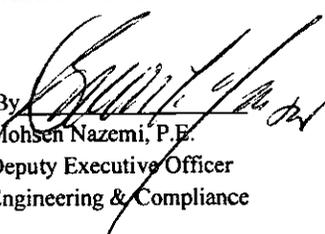
**UNITED AIRLINES INC  
6010 & 6020 AVION DR  
LOS ANGELES, CA 90045**

### NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.  
EXECUTIVE OFFICER

By   
Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering & Compliance



**FACILITY PERMIT TO OPERATE  
UNITED AIRLINES INC**

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**FACILITY PERMIT TO OPERATE  
UNITED AIRLINES INC**

**SECTION A: FACILITY INFORMATION**

**LEGAL OWNER &/OR OPERATOR:** UNITED AIRLINES INC

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

**EQUIPMENT LOCATION:** 6010 & 6020 AVION DR  
LOS ANGELES, CA 90045

**MAILING ADDRESS:** P.O. BOX 92245  
LOS ANGELES, CA 90009

**RESPONSIBLE OFFICIAL:** MIKE HANNA

**TITLE:** GENERAL MANAGER

**TELEPHONE NUMBER:** (310) 342-8100

**CONTACT PERSON:** CATHY OARD

**TITLE:** ENVIRONMENTAL COORDINATOR

**TELEPHONE NUMBER:** (310) 342-8437

**TITLE V PERMIT ISSUED:** May 13, 2008

**TITLE V PERMIT EXPIRATION DATE:** May 12, 2013

<b>TITLE V</b>	<b>RECLAIM</b>
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<b>YES</b>	<b>NOx:</b>	<b>YES</b>
	<b>SOx:</b>	<b>NO</b>
	<b>CYCLE:</b>	<b>2</b>
	<b>ZONE:</b>	<b>COASTAL</b>



**FACILITY PERMIT TO OPERATE  
UNITED AIRLINES INC**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION ENGINE</b>					
<b>System 1: NON-EMERGENCY, PORTABLE I.C.E.</b>					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, AP259, DIESEL FUEL, DEUTZ, MODEL BF6M 1013E, S/N 154554, WITH TURBOCHARGER, 194 BHP A/N: 336621	D29		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]; NOX: 6.9 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]; NOX: 304 LBS/1000 GAL DIESEL (1) [RULE 2002, 2-14-1997]; PM10: 0.38 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]; ROG: 1 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]	D12.2, D323.2, K67.2
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, AP540, DIESEL FUEL, DEUTZ, MODEL BF6M 1013E, S/N 146096, WITH TURBOCHARGER, 194 BHP A/N: 336623	D31		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]; NOX: 6.9 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]; NOX: 304 LBS/1000 GAL DIESEL (1) [RULE 2002, 2-14-1997]; PM10: 0.38 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]; ROG: 1 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]	D12.2, D323.2, K67.2

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

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



**FACILITY PERMIT TO OPERATE  
UNITED AIRLINES INC**

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION ENGINE</b>					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, AP541, DIESEL FUEL, DEUTZ, MODEL BF6M 1013E, S/N 154552, WITH TURBOCHARGER, 194 BHP A/N: 495867	D32		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]; NOX: 6.9 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]; PM10: 0.38 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]; ROG: 1 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]	D12.2, D323.2, K67.2
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, AP542, DIESEL FUEL, DEUTZ, MODEL BF6M 1013E, S/N 495513, WITH TURBOCHARGER, 194 BHP A/N: 336625	D33		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]; NOX: 6.9 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]; PM10: 0.38 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]; ROG: 1 GRAM/BHP-HR DIESEL (8) [40CFR 89 Subpart B, 7-1-2000]	D12.2, D323.2, K67.2
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, AP323, DIESEL FUEL, DEUTZ, MODEL BF6M 1013E, S/N 165743, WITH AFTERCOOLER, TURBOCHARGER, 194 BHP A/N: 385781	D52		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (8) ; NOX: 6.9 GRAM/BHP-HR DIESEL (8) ; PM10: 0.38 GRAM/BHP-HR DIESEL (8) ; ROG: 1 GRAM/BHP-HR DIESEL (8)	C1.10, D12.2, D323.2, K67.2
<b>System 2: EMERGENCY</b>					

\* (1) (1A) (1B) Denotes RECLAIM emission factor  
 (3) Denotes RECLAIM concentration limit  
 (5) (5A) (5B) Denotes command and control emission limit  
 (7) Denotes NSR applicability limit  
 (9) See App B for Emission Limits  
 (2) (2A) (2B) Denotes RECLAIM emission rate  
 (4) Denotes BACT emission limit  
 (6) Denotes air toxic control rule limit  
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (10) See section J for NESHAP/MACT requirements  
 \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION ENGINE</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL QST30-G1, AFTERCOOLED, WITH TURBOCHARGER, 1135 BHP A/N: 386533	D38		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 308 LBS/1000 GAL DIESEL (1) [RULE 2002, 2-14-1997; RULE 2005, 4-20-2001]; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]	C1.7, C1.13, D12.2, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DETROIT DIESEL, MODEL 12V-92TA, AFTERCOOLED, WITH TURBOCHARGER, 830 BHP A/N: 385017	D42		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) ; PM10: 0.38 GRAM/BHP-HR DIESEL (4)	C1.7, C1.12, C177.1, D12.2, K67.2
<b>Process 2: COATING OPERATION</b>					
<b>System 2: SPRAY BOOTH</b>					
SPRAY COATING OPERATION, SOLVENT, BINKS, MODEL TA-546-T, AUTOMOTIVE FILTER TYPE, WITH SPRAY BOOTH A/N: 389170	D9			HAP: (10) [40CFR 63SubpartHHHHHH, 2-13-2008]	C1.6, C6.1, D12.1, D322.1, E175.1, H23.1, K67.1, K67.4
SPRAY COATING OPERATION, SOLVENT, CUSTOM MADE, FLOOR TYPE, WITH SPRAY BOOTH A/N: 349208	D10			HAP: (10) [40CFR 63SubpartHHHHHH, 2-13-2008]	C1.6, C6.1, D12.1, D322.1, E175.1, H23.1, K67.1, K67.4
<b>Process 3: FUEL STORAGE &amp; DISPENSING SYSTEM</b>					
<b>System 3: AIRCRAFT &amp; GASOLINE FUELING</b>					

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

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



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 3: FUEL STORAGE &amp; DISPENSING SYSTEM</b>					
FUGITIVE EMISSIONS, VALVES, JET-A FUEL, SIX PIT VALVES, J.C. CARTER, MODEL 554, @ HANGAR MAINT. A/N: 228284	B20				C1.3
FUGITIVE EMISSIONS, VALVES, JET-A FUEL, 23-PIT VALVES, J.C. CARTER, MODEL 554, @ TERMINAL 7 A/N: 228284	B21				C1.3
FUGITIVE EMISSIONS, VALVES, JET-A FUEL, 15-PIT VALVES, J.C. CARTER, MODEL 554, @ TERMINAL 8 A/N: 228284	B22				A63.3, C1.3
FUGITIVE EMISSIONS, VALVES, JET-A FUEL, 14-PIT VALVES, J.C. CARTER, MODEL 554, @ TERMINAL 6 A/N: 432561	B57				C1.3
<b>Process 5: RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC REQUIREMENTS</b>					
<b>System 1: RULE 219 EXEMPT EQUIPMENT</b>					
RULE 219 EXEMPT EQUIPMENT, SMALL BOILERS, WATER HEATERS AND PROCESS HEATERS, >1 MMBTU/HR AND <= 2 MMBTU/HR	E44			CO: 400 PPMV NATURAL GAS (5) [RULE 1146.2, 5-5-2006]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (5) [RULE 1146.2, 5-5-2006]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E45				H23.6

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

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



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 5: RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC REQUIREMENTS</b>					
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E46				H23.6
RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS,	E47				H23.6
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, <= 53 FT3, WITH DUST FILTER	E48			<b>PM: (9) [RULE 1140, 8-2-1985; RULE 404, 2-7-1986; RULE 405, 2-7-1986]</b>	H23.2
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT	E49			<b>ROG: (9) [RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]</b>	H23.3
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E50			<b>ROG: (9) [RULE 1151, 12-11-1998]</b>	H23.4
RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT USING HALONS	E51				H23.5

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

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



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**FACILITY PERMIT TO OPERATE  
UNITED AIRLINES INC**

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**SECTION D: DEVICE ID INDEX**

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



**FACILITY PERMIT TO OPERATE  
UNITED AIRLINES INC**

**SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
D9	3	2	2
D10	3	2	2
B20	4	3	3
B21	4	3	3
B22	4	3	3
D29	1	1	1
D31	1	1	1
D32	2	1	1
D33	2	1	1
D38	3	1	2
D42	3	1	2
E44	4	5	1
E45	4	5	1
E46	5	5	1
E47	5	5	1
E48	5	5	1
E49	5	5	1
E50	5	5	1
E51	5	5	1
D52	2	1	1
B57	4	3	3



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

#### FACILITY CONDITIONS

F14.1 The operator shall not use diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

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

#### DEVICE CONDITIONS

##### A. Emission Limits

A63.3 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 4 LBS IN ANY ONE DAY

[RULE 1304(c)-Offset Exemption, 6-14-1996]

[Devices subject to this condition : B22]

##### C. Throughput or Operating Parameter Limits

C1.3 The operator shall limit the fuel usage to no more than 2.85e+07 gallon(s) per month.

For the purpose of this condition, fuel usage shall be defined as combined JET-A fuel, for aircraft fueling systems, at Terminals 6, 7, 8, and Hangar Maintenance.



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

**[RULE 1303(b)(2)-Offset, 5-10-1996]**

[Devices subject to this condition : B20, B21, B22, B57]

- C1.6 The operator shall limit the coating and solvent usage to no more than 20 gallon(s) per day.

**[RULE 1303(b)(2)-Offset, 5-10-1996]**

[Devices subject to this condition : D9, D10]

- C1.7 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

In addition to maintenance and testing of this engine, this engine shall only operate during emergencies resulting in an interruption of service of the primary power supply or during Stage II or Stage III electrical emergency declared by the California Independent System Operator.

**[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1304(c)-Offset Exemption, 6-14-1996]**

[Devices subject to this condition : D38, D42]

- C1.10 The operator shall limit the operating time to no more than 2448 hour(s) in any one year.

**[RULE 1401, 6-15-2001]**

[Devices subject to this condition : D52]

- C1.12 The operator shall limit the maintenance testing to no more than 20 hour(s) in any one year.



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

**[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1304(c)-Offset Exemption, 6-14-1996; RULE 1470, 6-1-2007]**

[Devices subject to this condition : D42]

- C1.13 The operator shall limit the maintenance testing to no more than 50 hour(s) in any one year.

**[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1304(c)-Offset Exemption, 6-14-1996; RULE 1470, 6-1-2007]**

[Devices subject to this condition : D38]

- C6.1 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 0.25 inches water column.

To comply with this condition, the operator shall monitor and record the differential pressure as specified in condition number 12-1.

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

[Devices subject to this condition : D9, D10]

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

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

[Devices subject to this condition : D42]

#### **D. Monitoring/Testing Requirements**



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D12.1 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter.

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

[Devices subject to this condition : D9, D10]

D12.2 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 2012, 12-7-1995; RULE 2012, 3-16-2001]

[Devices subject to this condition : D29, D31, D32, D33, D38, D42, D52]

D322.1 The operator shall perform a weekly inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

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

[Devices subject to this condition : D9, D10]



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D323.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. All inspections shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

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

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

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



**FACILITY PERMIT TO OPERATE  
UNITED AIRLINES INC**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

[Devices subject to this condition : D29, D31, D32, D33, D52]

**E. Equipment Operation/Construction Requirements**

E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

filter media at least 2 inches thick

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

[Devices subject to this condition : D9, D10]

**H. Applicable Rules**

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

Contaminant	Rule	Rule/Subpart
ROG	District Rule	1124
ROG	District Rule	1171
ROG	District Rule	1107
ROG	District Rule	1151

[**RULE 1107, 11-9-2001; RULE 1107, 1-6-2006; RULE 1124, 9-21-2001; RULE 1151, 12-11-1998; RULE 1151, 12-2-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009**]

[Devices subject to this condition : D9, D10]



**FACILITY PERMIT TO OPERATE  
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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

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

Contaminant	Rule	Rule/Subpart
PM	District Rule	1140

[RULE 1140, 2-1-1980; RULE 1140, 8-2-1985]

[Devices subject to this condition : E48]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
ROG	District Rule	1122
ROG	District Rule	1171

[RULE 1122, 10-1-2004; RULE 1122, 5-1-2009; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]

[Devices subject to this condition : E49]

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

Contaminant	Rule	Rule/Subpart
ROG	District Rule	1151
ROG	District Rule	1171



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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

[RULE 1151, 12-11-1998; RULE 1151, 12-2-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]

[Devices subject to this condition : E50]

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

Contaminant	Rule	Rule/Subpart
Halon	District Rule	1418
Halon	40CFR82, SUBPART	H

[RULE 1418, 9-10-1999; 40CFR 82SubpartH, 3-5-1998]

[Devices subject to this condition : E51]

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

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

[RULE 1415, 10-14-1994; 40CFR 82 Subpart F, 5-14-1993; 40CFR 82SubpartG, 3-28-2007]

[Devices subject to this condition : E45, E46, E47]

**K. Record Keeping/Reporting**



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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

VOC content of coatings and solvents

daily and monthly VOC emissions from each coating and solvent used

record keeping requirements for Rule 109

**[RULE 109, 5-2-2003]**

[Devices subject to this condition : D9, D10]

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

date of operation and the elapsed time, in hours.

**[RULE 2012, 5-6-2005]**

[Devices subject to this condition : D29, D31, D32, D33, D38, D42, D52]

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

the name of the person performing the inspection and/or maintenance of the filter

the date, time and results of the inspection

the date, time and description of any maintenance or repairs resulting from the inspection

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



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**FACILITY PERMIT TO OPERATE  
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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

[Devices subject to this condition : D9, D10]



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**SECTION J: AIR TOXICS  
[40CFR 63 Subpart HHHHHH 02-13-2008]**

[40CFR 63 Subpart HHHHHH 02-13-2008]

**NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS: PAINT STRIPPING AND  
MISCELLANEOUS SURFACE COATING OPERATIONS AT AREA SOURCES**

1. The owner or operator shall comply with all applicable requirements of 40 CFR 63, Subpart HHHHHH – National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operation at Area Sources.
2. The owner or operator of regulated sources conducting paint stripping and using methylene-chloride (MeCl) containing stripper shall implement management practices and, if applicable, MeCl minimization plan as described in Section 63.11173.
3. Spray guns, spray booths and air filters that are utilized in all motor vehicle and mobile equipment surface coating operations and those miscellaneous surface coating operations shall meet all applicable requirements of this subpart. Painters from these operations shall be trained, retrained and certified as required by Section 63.11173.
4. Owners or operators of these sources shall submit initial notification and notification of compliance status, if applicable, in accordance to Section 63.11175.
5. Owner or operator of these sources shall submit an Annual Notification of Change Report to the District and/or EPA no later than 60 days after the yearly anniversary of the compliance date when there is any change as described in Section 63.11176.
6. Applicable records as described in Section 63.11177 shall be kept in accordance to Section 63.11178 for at least five years and made available to District personnel upon request.
7. The owner or operator may petition for an exemption from this subpart by following the procedures described in this subpart.



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION K: TITLE V Administration

#### GENERAL PROVISIONS

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

#### Permit Renewal and Expiration

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

#### Duty to Provide Information

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

#### Payment of Fees

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



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION K: TITLE V Administration

#### Reopening for Cause

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

#### COMPLIANCE PROVISIONS

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

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



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION K: TITLE V Administration

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



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION K: TITLE V Administration

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



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION K: TITLE V Administration EMERGENCY PROVISIONS

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

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



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION K: TITLE V Administration RECORDKEEPING PROVISIONS

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

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

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

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

### REPORTING PROVISIONS

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

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



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION K: TITLE V Administration

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



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION K: TITLE V Administration

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

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

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

### PERIODIC MONITORING

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



## FACILITY PERMIT TO OPERATE UNITED AIRLINES INC

### SECTION K: TITLE V Administration

#### FACILITY RULES

*This facility is subject to the following rules and regulations*

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 109	5-2-2003	Federally enforceable
RULE 1107	1-6-2006	Non federally enforceable
RULE 1107	11-9-2001	Federally enforceable
RULE 1110.2	7-9-2010	Non federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	7-13-2007	Non federally enforceable
RULE 1122	10-1-2004	Federally enforceable
RULE 1122	5-1-2009	Non federally enforceable
RULE 1124	9-21-2001	Federally enforceable
RULE 1140	2-1-1980	Federally enforceable
RULE 1140	8-2-1985	Non federally enforceable
RULE 1146.2	5-5-2006	Federally enforceable
RULE 1151	12-11-1998	Federally enforceable
RULE 1151	12-2-2005	Non federally enforceable
RULE 1168	1-7-2005	Federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable



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### SECTION K: TITLE V Administration

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 1304(c)-Offset Exemption	6-14-1996	Federally enforceable
RULE 1401	9-10-2010	Non federally enforceable
RULE 1415	10-14-1994	Non federally enforceable
RULE 1418	9-10-1999	Non federally enforceable
RULE 1470	6-1-2007	Non federally enforceable
RULE 2002	2-14-1997	Federally enforceable
RULE 2005	4-20-2001	Federally enforceable
RULE 2012	5-6-2005	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
40CFR 63SubpartHHHHHH	2-13-2008	Federally enforceable
40CFR 82 Subpart F	5-14-1993	Federally enforceable
40CFR 82SubpartG	3-28-2007	Federally enforceable
40CFR 82SubpartH	3-5-1998	Federally enforceable
40CFR 89 Subpart B	7-1-2000	Federally enforceable



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

1. CENTRAL FURNACES, NATURAL GAS FIRED, 2 MILLION BTU PER HOUR
2. PORTABLE ENGINES, REGISTERED PURSUANT TO THE CA STATEWIDE PR
3. SPACE HEATERS, PROPANE FIRED, 2 MILLION BTU PER HOUR OR LESS
4. INTERNAL COMBUSTION ENGINES, DIESEL, 50 B.H.P. OR LESS
5. INTERNAL COMBUSTION ENGINES, GASOLINE FIRED, 50 B.H.P. OR LESS
6. BOILERS, NATURAL GAS FIRED, 2 MILLION BTU PER HOUR OR LESS