South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

April 12, 2013

Mr. Gerardo C. Rios
Chief, Permit Office
US EPA Region IX Air 3
75 Hawthorne Street
San Francisco, CA 94105-3901

Dear Mr. Rios:

Reference: Transmittal of Proposed Title V Renewal Permit

Enclosed are the proposed Title V renewal permit, permit summary, statement of basis, permit application and public notice for United Airlines, Inc. located at 6010 & 6020 Avion Dr., CA 90045. With your receipt of the proposed Title V permit today, we will note that the EPA 45-day review period begins on April 12, 2013.

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

Sincerely,

Mohsen Nazemi
Deputy Executive Officer
Engineering and Compliance

MN:AYL:DR:TT

Enclosures:
Proposed Title V Permit
Permit Summary
Statement of Basis
Permit Application
Public Notice

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Title V Permit Summary

AQMD Facility ID: 009755	Company Name: UNITED AIRLINES, INC.		
Equipment Location: 6010-6020 Avion Dr., Los Angeles, Ca 90045		SIC Code: 45121	
Permit Renewal #:	Renewal Date:	Facility Permit Section(s) Affected: All	
Application #(s): 544739	Application Submittal Date(s): 11/13/2012		
AQMD Contact Person: THAI TRAN	Phone #: (909) 396-2562	E-Mail Address: ttran@aqmd.gov	

Project Description: This facility is applying for a second renewal Title V permit. This facility is in the business of providing scheduled passenger transportation and support services. It is operating 6 fire pumps, 2 emergency generators, 6 portable power generators, 3 spray booths, 1 abrasive blasting cabinet, 1 Jet-A fuel hydrant facility, 1 propane storage tank, 2 soil vapor extraction and treatment systems, and other equipment that are exempt from permit requirements under Rule 219.

Permit Type: ☐ Initial Title V Permit ☐ Significant Revision
☒ Permit Renewal

Permit Features:
- ☐ Federally Enforceable Emission Cap For Exemption From Certain NESHAP Requirements
- ☐ Permit Shield Applies
- ☒ Permit Contains Conditions Allowing Emission Trading
- ☐ Alternative Operating Scenario
- ☐ Permit Streamlines Overlapping or Outdated Requirements
- ☐ Other: _____
- ☐ Source Out of Compliance With Applicable Requirements and/or Operating Under a Variance

Toxic Air Contaminant Emissions (TAC) - Annual Reported Emissions for 2012

☐ No TACs Reported

☒TACs Reported:	Emissions (lbs/yr):	☒TACs Reported:	Emissions (lbs/yr):
Ammonia	79.18	Formaldehyde	167.98
Arsenic	0.126	Lead	0.65
Benzene	20.51	Methylene chloride	0.01
1,3-Butadiene	18.63	2-Methyl Naphthalene	0.016
Cadmium	0.12	Nathalene	1.80
Carbon tetrachloride	0.02	Nickel	0.31
Chromium (VI)	0.01	PAH's	2.86
Ethylene dibromide	0.02	Phenanthrene	0.01
Ethylene dichloride	0.01	Vinyl chloride	0.01

Health Risk From Toxic Air Contaminants:
- ☐ Health Risk Reduction Plan in Force (AQMD Rule 1402) (date):
- ☐ Health Risk Assessment Required for this Permit Action (AQMD Rule 1401)
- ☒ Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588)
  - ☐ Facility Determined to be Exempt from AB2588 Requirements
  - ☒ AQMD is Tracking Status of Facility under AB2588
  - ☐ Health Risk Assessment Submitted to AQMD and Is Being Reviewed
  - ☐ Final Facility Health Risk Approved _____
    - Cancer Risk = in one million
    - Acute Hazard Index = _____
    - Chronic Hazard Index = _____

Criteria Pollutant Emissions Annual Reported Emissions (tons/year) for Reporting Year: 2012				
☒NOx	13.66	☒PM	1.36	
☒CO	7.33	☒SOx	0.01	
☒VOC	5.83	☐ Other:		

Compliance History:
- ☐ Citizen Complaints Filed in Last Two Calendar Years: 0
- ☒ Notices to Comply Issued in Last Two Calendar Years: 1
- ☐ Notices of Violation Issued in Last Two Calendar Years: 0

Comments: The Notice to Comply was issued in late 2012 to the facility for incorrectly reporting emissions from Process Unit equipment and Rule 219-exempt equipment. The facilty corrected the reports and the violation was resolved shortly later.

South Coast Air Quality Management District

Statement of Basis

Proposed Renewal Title V Permit

Facility Name:	**United Airlines, Inc.**
Facility ID:	**009755**
SIC Code:	**4512**
Equipment Location:	**6010-6020 Avion Drive Los Angeles, CA 90045**
Application #(s):	**544739**
Application Submittal Date(s):	**11/13/2012**
Permit Revision #:	**7**
Revision Date:	**03/08/2013**
Permit Section(s) Affected:	**All**
AQMD Contact Person:	**Thai Tran, Air Quality Engineer**
Phone Number:	**(909) 396-2562**
E-Mail Address:	**ttran@aqmd.gov**

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1. Introduction and Scope of Permit

Title V is a national operating permit program for air pollution sources. Facilities subject to Title V must obtain a Title V permit and comply with specific Title V procedures to modify the permit. This permit replaces the facility's other existing permits. Title V does not necessarily include any new requirements for reducing emissions. It does, however, include new permitting, noticing, recordkeeping, and reporting requirements.

Pursuant to Title V of the federal Clean Air Act and AQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance unless such permit has been renewed. Accordingly, each facility is required to submit a Title V renewal application and request the AQMD to renew their Title V permit. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to the facility.

The AQMD implements Title V through Regulation XXX – Title V Permits, adopted by the AQMD Governing Board in order to comply with EPA's requirement that local air permitting authorities develop a Title V program. Regulation XXX was developed with the participation of the public and affected facilities through a series of public workshops, working group meetings, public hearings and other meetings.

The Title V major source threshold for a particular pollutant depends on the attainment status of the pollutant. NO_2, SO_2, CO, and lead are in attainment with federal standards. The status for PM-10 is serious nonattainment. The status for ozone is currently extreme nonattainment.

A Title V permit is proposed to be issued to cover the operations of United Airlines, Inc. located at 6010-6020 Avion Dr., Los Angeles, CA 90045. This facility is subject to Title V requirements because it is a major source.

2. Facility Description

This existing facility is in the business of providing scheduled passenger transportation and support services. This facility is operating 6 fire pumps, 2 emergency generators, 6 portable power generators, 3 spray booths, 1 abrasive blasting cabinet, 1 Jet-A fuel hydrant facility, 1 propane storage tank, 2 soil vapor extraction and treatment systems, and other equipment that are exempt from permit requirements under Rule 219.

3. Construction and Permitting History

The facility has been in constant operation for many years. Numerous permits to construct and permits to operate have been issued to the facility since 1990 due to the amendment of Rule 219 in 1988. An initial Title V permit was issued to the facility on May 1, 2002 and was renewed on May 13, 2008. There were six revisions since the initial Title V permit was issued.

4. Regulatory Applicability Determinations

Applicable legal requirements for which this facility is required to comply are required to be identified in the Title V permit. Applicability determinations (i.e., determinations made by the District with respect to what legal requirements apply to a specific piece of equipment, process, or operation) can be found in the Engineering Evaluations.

5. Monitoring and Operational Requirements

Applicable monitoring and operational requirements for which the facility is required to comply are identified in the Title V permit (for example, Sections D, F, and J and Appendix B of the proposed Title V permit). Discussion of any applicable operational requirements can be found in the Engineering Evaluations. All periodic monitoring requirements were developed using strict adherence to the following applicable guidance documents: SCAQMD Periodic Monitoring Guidelines for Title V Facilities (November 1997); CAPCOA/CARB/EPA Region IX Periodic Monitoring Recommendations for Generally Applicable Requirements in SIP (June 1999); and CAPCOA/CARB/EPA Region IX Recommended Periodic Monitoring for Generally Applicable Grain Loading Standards in the SIP: Combustion Sources (July 2001). Compliance Assurance Monitoring (CAM) requirements of 40 CFR Part 64 do not apply to any of the permitted emission sources at this facility.

6. Permit Features

Permit Shield

A permit shield is an optional part of a Title V permit that gives the facility an explicit protection from requirements that do not apply to the facility. A permit shield is a provision in a permit that states that compliance with the conditions of the permit shall be deemed compliance with all identified regulatory requirements. To incorporate a permit shield into the Title V permit involves submission of applications for change of conditions for each equipment affected by the permit shield. Permit shields are addressed in Rule 3004 (c). This facility has not applied for a permit shield.

Streamlining Requirements

Some emission units may be subject to multiple requirements which are closely related or redundant. The conditions may be streamlined to simplify the permit conditions and compliance. Emission limits, work practice standards, and monitoring, recordkeeping, and reporting requirements may be streamlined. Compliance with a streamlined condition will be deemed compliance with the underlying requirements whether or not the emission unit is actually in compliance with the specific underlying requirement. This facility has not applied for any streamlined conditions.

7. Summary of Emissions and Health Risks

Criteria Pollutant Emissions (tons/year)
Annual Reported Emissions for Reporting Period 2012

Pollutant	Emissions (tons/year)
NOx	13.66
CO	7.33
VOC	5.83
PM	1.36
SOx	0.01

Toxic Air Contaminants Emissions (TAC)
Annual Reported Emissions for Reporting Period 2012

The Following TACs Were Reported	Emissions (lbs/yr)
1,3-Butadiene	18.63
2-Methyl naphthalene [PAH, POM]	0.016
Ammonia	79.18
Arsenic	0.126
Benzene	20.51
Cadmium	0.12
Carbon tetrachloride	0.02
Chromium (VI)	0.01
Ethylene dibromide	0.02
Ethylene dichloride	0.01
Formaldehyde	167.98
Lead	0.65
Methylene Chloride	0.01
Naphthalene	1.80
Nickel	0.31
PAH	2.86
Phenanthrene	0.01
Vinyl chloride	0.01

Health Risk from Toxic Air Contaminants

The facility is subject to review by the Air Toxics Information and Assessment Act (AB2588). AQMD is tracking this facility under AB2588.

8. Compliance History

As noted, the facility has been in constant operation for many years. The facility has been subject to both self-reporting requirements and AQMD inspections. The facility has had 0 citizen complaints filed, 1 Notice to Comply issued, and 0 Notices of Violation issued in the last two calendar year. The Notice to Comply was issued in late 2012 to the facility for incorrectly reporting emissions from Process Unit equipment and Rule 219-exempt equipment. The facilty corrected the reports and the violation was resolved. The facility is in compliance.

9. Compliance Certification

By virtue of the Title V permit application and issuance of this permit, the reporting frequency for compliance certification for the facility shall be annual.

10. Comments

In this renewal, the applicable Rules and Regulations are updated.

In 2012, Continental Airlines (CA) merged into United Airlines (UA) so six fire pumps, a portable power generator, a spray booth, a propane storage tank, an abrasive blasting cabinet, two soil vapor extracting and treatment systems, and some pieces of Rule 219-exempt equipment were added to UA. The added equipment was evaluated for compliance with applicable rules and regulations, particularly Regulations 20 and 30 because CA had not been a RECLAIM or Title V facility.

Applicable requirements of 40CFR part 63 subpart ZZZZ are incorporated in this TV Renewal.

This is the second renewal of the Title V permit for this facility. The facility has demonstrated that it is in full compliance with the Rules and Regulations. A Title V renewal permit is recommended.

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

NOTICE OF PROPOSED
TITLE V RENEWAL PERMIT

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

United Airlines, Inc.
6010 & 6020 Avion Dr.
Los Angeles, CA 90045
Facility ID# 009755

Contact Person:
Jim Hanselmann
Managing Director
PO Box LAXOZ
Los Angeles, CA 90009

This is an existing facility, applying for a Title V permit renewal that is in the business of providing scheduled passenger transportation and support services. This facility is operating six fire pumps, two emergency generators, six portable power generators, three spray booths, one abrasive blasting cabinet, one Jet-A fuel hydrant facility, one propane storage tank, two soil vapor extraction and treatment systems, and other equipment that are exempt from permit requirements under District Rule 219.

Pursuant to Title V of the federal Clean Air Act and AQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance unless such permit has been renewed. Accordingly, the above facility has submitted a Title V renewal application and requested the AQMD to renew their Title V permit. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to the facility.

The proposed permit is available for public review at AQMD, 21865 Copley Dr., Diamond Bar, CA 91765 and at the El Segundo Public Library, 111 West Mariposa Avenue, El Segundo, CA 90245. Information regarding the facility owner's compliance history submitted to the AQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to the AQMD based on credible information, is also available from the AQMD for public review. For more information or to review additional supporting documents, call the AQMD's Title V hotline at (909) 396-3013. Written comments should be submitted to:

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

Comments must be received by May 21, 2013. The AQMD will consider all public comments and may revise the Title V permit in accordance with AQMD rules and regulations.

The public may request AQMD to conduct a public hearing on the proposed permit by submitting a Hearing Request Form (Form 500-G) to Thai Tran at the above AQMD address. The AQMD will hold a public hearing if there is evidence that the proposed permit is not correct or is not adequate to ensure compliance with regulatory requirements, and a hearing will likely provide additional information that will affect the drafting and/or issuance of the permit. A public hearing request form and the public hearing schedule may be obtained from the AQMD by calling the Title V hotline at (909) 396-3013, or from the internet at *http://www.aqmd.gov/titlev*. The request for a public hearing is due by May 7, 2013. A copy of the hearing request must also be sent by first class mail to the appropriate facility contact person listed above.

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 LAXOZ LOS ANGELES, CA 90009
RESPONSIBLE OFFICIAL:	JIM HANSELMANN
TITLE:	MANAGING DIRECTOR
TELEPHONE NUMBER:	(310) 342-8100
CONTACT PERSON:	AZADEH KHOROUSHI
TITLE:	SOUTHERN CALIFORNIA AIR COMPLIANCE
TELEPHONE NUMBER:	(310) 342-8405
TITLE V PERMIT ISSUED:	May 13, 2008
TITLE V PERMIT EXPIRATION DATE:	May 12, 2013

TITLE V	RECLAIM	
YES	NOx:	YES
	SOx:	NO
	CYCLE:	2
	ZONE:	COASTAL

FACILITY PERMIT TO OPERATE
UNITED AIRLINES INC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC [1] Holding as of 07/01/2012 (pounds)	Non-Tradable [2] Non-Usable RTCs (pounds)
7/2009	6/2010	Coastal	2112	3	114
1/2010	12/2010	Coastal	0	0	0
7/2010	6/2011	Coastal	2112	74	171
1/2011	12/2011	Coastal	0	0	0
7/2011	6/2012	Coastal	2112	3678	228
1/2012	12/2012	Coastal	0	39103	0
7/2012	6/2013	Coastal	2112	1637	228
7/2013	6/2014	Coastal	2112	1637	228
7/2014	6/2015	Coastal	2112	1637	228
7/2015	6/2016	Coastal	2112	1637	228
7/2016	6/2017	Coastal	2112	1637	228
7/2017	6/2018	Coastal	2112	1637	228
7/2018	6/2019	Coastal	2112	1637	228
7/2019	6/2020	Coastal	2112	1637	228
7/2020	6/2021	Coastal	2112	1637	228
7/2021	6/2022	Coastal	2112	1637	228
7/2022	6/2023	Coastal	2112	1637	228

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE
UNITED AIRLINES INC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC [1] Holding as of 07/01/2012 (pounds)	Non-Tradable [2] Non-Usable RTCs (pounds)
7/2023	6/2024	Coastal	2112	1637	228
7/2024	6/2025	Coastal	2112	1637	228
7/2025	6/2026	Coastal	2112	1637	228
7/2026	6/2027	Coastal	2112	1637	228

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE
UNITED AIRLINES INC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase in an annual allocation to a level greater than the facility's starting Allocation plus Non-Tradable credits as listed below, the application will be evaluated for compliance with Rule 2005 (c)(4). Rule 2005 (e) - Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year		Zone	NOx RTC Starting Allocation (pounds)	Non-Tradable Credits(NTC) (pounds)
Begin (month/year)	End			
7/1994	6/1995	Coastal	42355	24257

FACILITY PERMIT TO OPERATE
UNITED AIRLINES INC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase in an annual allocation to a level greater than the facility's starting Allocation plus Non-Tradable credits as listed below, the application will be evaluated for compliance with Rule 2005 (c)(4). Rule 2005 (e) - Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year Begin (month/year)	Year End (month/year)	Zone	SOx RTC Starting Allocation (pounds)	Non-Tradable Credits(NTC) (pounds)
7/1994	6/1995	Coastal	0	0

FACILITY PERMIT TO OPERATE
UNITED AIRLINES INC

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

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
Process 1: INTERNAL COMBUSTION ENGINE					
System 1: NON-EMERGENCY					
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 2012, 5-6-2005]**; **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, H23.8, 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 2012, 5-6-2005]**; **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, H23.8, K67.2

* (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
Process 1: INTERNAL COMBUSTION ENGINE					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, AP541, DIESEL FUEL, DEUTZ, MODEL BF6M 1013E, S/N 21501698, WITH TURBOCHARGER, 194 BHP A/N: 522810	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]**; **NOX**: 304 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **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, H23.8, 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]**; **NOX**: 304 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **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, H23.8, K67.2

* (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
Process 1: INTERNAL COMBUSTION ENGINE					
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) **[RULE 1303(a)(1) -BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]; **NOX**: 6.9 GRAM/BHP-HR DIESEL (8) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1) -BACT, 12-6-2002*]; **NOX**: 304 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM10**: 0.38 GRAM/BHP-HR DIESEL (8) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1) -BACT, 12-6-2002*]; **ROG**: 1 GRAM/BHP-HR DIESEL (8) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1) -BACT, 12-6-2002*]	C1.10, D12.2, D323.2, H23.8, K67.2

* (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
Process 1: INTERNAL COMBUSTION ENGINE					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, GPU T42, DIESEL FUEL, DEUTZ, MODEL BF6M 1013E, ON-SITE PORTABLE, WITH TURBOCHARGER, 184 BHP A/N: 520589	D61		NOX: PROCESS UNIT**	**CO**: 8.5 GRAM/BHP-HR DIESEL (8) **[RULE 1303(a)(1) -BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]; **NOX**: 6.9 GRAM/BHP-HR DIESEL (8) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]; **NOX**: 304 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM10**: 0.38 GRAM/BHP-HR DIESEL (8) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]; **ROG**: 1 GRAM/BHP-HR DIESEL (8) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]	C1.16, D12.2, D323.2, H23.8, K67.2
System 2: EMERGENCY					
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]**; **HAP**: (10) **[40CFR 63SubpartZZZZ, 3-9-2011]**; **NOX**: 308 LBS/1000 GAL DIESEL (1) **[RULE 2002, 2-14-1997]**; **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, H23.7, K67.2

* (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
Process 1: INTERNAL COMBUSTION ENGINE					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DETROIT DIESEL, MODEL 12V-92TA, AFTERCOOLED, WITH TURBOCHARGER, 830 BHP A/N: 385017	D42		NOX: PROCESS UNIT**	**HAP**: (10) **[40CFR 63SubpartZZZZ, 3-9-2011]**; **NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM10**: 0.38 GRAM/BHP-HR DIESEL (4) **[RULE 2005, 6-3-2011]**	C1.7, C1.12, C177.1, D12.2, H23.7, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CUMMINS, MODEL V6-155-1F, SERIAL NO. 20105374, WITH TURBOCHARGER, 155 BHP A/N: 520595	D68		NOX: PROCESS UNIT**	**HAP**: (10) **[40CFR 63SubpartZZZZ, 3-9-2011]**; **NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2005, 6-3-2011]**	C1.17, C1.20, D12.2, H23.7, K67.5
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, SERIAL NO. 10256081, DIESEL FUEL, CUMMINS, MODEL VT-12 1710, WITH TURBOCHARGER, 635 BHP A/N: 520600	D76		NOX: PROCESS UNIT**	**HAP**: (10) **[40CFR 63SubpartZZZZ, 3-9-2011]**; **NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2005, 6-3-2011]**	C1.17, C1.20, D12.2, H23.7, K67.5
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, SERIAL NO. 10256080, DIESEL FUEL, CUMMINS, MODEL VT-12 1710, WITH TURBOCHARGER, 635 BHP A/N: 520603	D77		NOX: PROCESS UNIT**	**HAP**: (10) **[40CFR 63SubpartZZZZ, 3-9-2011]**; **NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2005, 6-3-2011]**	C1.17, C1.20, D12.2, H23.7, K67.5
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, SERIAL NO. 10256079, DIESEL FUEL, CUMMINS, MODEL VT-12 1710, WITH TURBOCHARGER, 635 BHP A/N: 520605	D78		NOX: PROCESS UNIT**	**HAP**: (10) **[40CFR 63SubpartZZZZ, 3-9-2011]**; **NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2005, 6-3-2011]**	C1.17, C1.20, D12.2, H23.7, K67.5

* (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
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION ENGINE					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, SERIAL NO. 10256078, DIESEL FUEL, CUMMINS, MODEL VT-12 1710, WITH TURBOCHARGER, 635 BHP A/N: 520607	D79		NOX: PROCESS UNIT**	**HAP**: (10) **[40CFR 63SubpartZZZZ, 3-9-2011]**; **NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2005, 6-3-2011]**	C1.17, C1.20, D12.2, H23.7, K67.5
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, SERIAL NO. 10256082, DIESEL FUEL, CUMMINS, MODEL VT-12 1710, WITH TURBOCHARGER, 635 BHP A/N: 520609	D80		NOX: PROCESS UNIT**	**HAP**: (10) **[40CFR 63SubpartZZZZ, 3-9-2011]**; **NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2005, 6-3-2011]**	C1.17, C1.20, D12.2, H23.7, K67.5
Process 2: COATING OPERATION					
System 2: SPRAY BOOTH					
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, H23.11, 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, H23.11, K67.1, K67.4
SPRAY COATING OPERATION, SOLVENT, DEVILBISS, SERIAL NO. 26586311, AUTOMOTIVE FILTER TYPE, WITH SPRAY BOOTH A/N: 520586	D59			**HAP**: (10) **[40CFR 63SubpartHHHHHH, 2-13-2008]**	C1.14, C6.2, D12.1, D322.1, E175.1, H23.1, H23.11, K67.1, K67.4
System 3: ABRASIVE BLASTING					

* (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
Process 2: COATING OPERATION					
ABRASIVE BLASTING, CABINET, PAULI & GRIFFIN, MODEL P & G PRAM 31, WITH PLANT AIR MAX 60 PSIG @ 126 CFM, PLASTIC, WIDTH: 4 FT 4 IN; HEIGHT: 6 FT 2 IN; LENGTH: 5 FT 5 IN WITH A/N: 520593	D65			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	D322.1, D381.1, E57.1, E102.1, H23.2, H23.9, K67.7
ABRASIVE BLASTING NOZZLE, 1 TOTAL; DIAMETER: .38 IN	D66				H23.2
ABRASIVE BLASTING NOZZLE, 1 TOTAL; DIAMETER: .25 IN	D67				H23.2, K67.7
DUST COLLECTOR, INTERGRAL, WITH TWO CARTRIDGES, AND 450 SQ. FT. FILTER AREA	C87				
Process 3: FUEL STORAGE & DISPENSING SYSTEM					
System 1: AIRCRAFT FUELING					
FUGITIVE EMISSIONS, VALVES, JET-A FUEL, SIX PIT VALVES, J.C. CARTER, MODEL 554, @ HANGAR MAINT. A/N: 228284	B20				C1.3, C1.19, K67.6
FUGITIVE EMISSIONS, VALVES, JET-A FUEL, 23-PIT VALVES, J.C. CARTER, MODEL 554, @ TERMINAL 7 A/N: 228284	B21				C1.3, C1.19, K67.6

* (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
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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
Process 3: FUEL STORAGE & DISPENSING SYSTEM					
FUGITIVE EMISSIONS, VALVES, JET-A FUEL, 15-PIT VALVES, J.C. CARTER, MODEL 554, @ TERMINAL 8 A/N: 228284	B22				A63.3, C1.3, C1.19, K67.6
BULK MATERIAL LOADING STATION, JET FUEL (JPA), WITH 23 HYDRANT PITS [EA. WITH 4" GEAR-OPERATED VALVE & HYDRANT VALVE] A/N: 528915	D90				C1.3, C1.19, E71.2, K67.6
System 2: PROPANE FUELING					
STORAGE TANK, PRESSURIZED, PROPANE, ABOVEGROUND, 30000 GALS; 1 TOTAL; DIAMETER: 9 FT 6 IN; LENGTH: 61 FT A/N: 520599	D75				C157.1
Process 5: SOIL VAPOR EXTRACTION AND TREATMENT SYSTEM					
System 1: IN-SITU LOCATED AT 7300 WORLD WEST WAY					
VAPOR EXTRACTION WELL, HALOGENATED HYDROCARBONS AND/OR PETROLEUM HYDROCARBONS A/N: 520597	D70				E440.1
POT, MOISTURE KNOCKOUT, 1 TOTAL A/N: 520597	D71				

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

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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
Process 5: SOIL VAPOR EXTRACTION AND TREATMENT SYSTEM					
CARBON ADSORBER, TWO IN SERIES, EACH, 20000 LBS A/N: 520597	C69				A433.1, A433.2, B163.1, B163.2, C12.1, D12.3, D90.1, D90.2, E149.1, E193.1, K48.1
BLOWER, EXTRACTION, TWO UNITS, EACH, 8000 CU.FT./MIN; 75 HP A/N: 520597	D72				B163.1, E175.2, E193.1
STORAGE TANK, ABOVEGROUND, 20,000 GALLON CAPACITY A/N: 520597	D73				
STACK, WITH NO RAIN CAP, HEIGHT: 12 FT A/N: 520597	S74				E190.1
System 2: IN-SITU LOCATED AT TERMINAL 6, GATE 66					
VAPOR EXTRACTION WELL, HALOGENATED HYDROCARBONS AND/OR PETROLEUM HYDROCARBONS A/N: 520610	D82				E440.1
POT, MOISTURE KNOCKOUT, 1 TOTAL A/N: 520610	D83				
CARBON ADSORBER, TWO IN SERIES, EACH, 2000 LBS A/N: 520610	C81				A433.3, A433.4, B163.3, B163.4, C12.3, D12.3, D90.2, D90.3, E153.1, E193.1, K48.2

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

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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
Process 5: SOIL VAPOR EXTRACTION AND TREATMENT SYSTEM					
BLOWER, EXTRACTION, 150 CU.FT./MIN; 1 TOTAL; 7.5 HP A/N: 520610	D84				B163.3, E175.3, E193.1
STACK, WITH NO RAIN CAP, HEIGHT: 13 FT A/N: 520610	S85				
Process 6: RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC REQUIREMENTS					
System 1: RULE 219 EXEMPT EQUIPMENT					
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
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			**PM**: (9) **[RULE 1140, 2-1-1980;** *RULE 1140, 8-2-1985;* **RULE 404, 2-7-1986; RULE 405, 2-7-1986]**	H23.2
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT	E49			**ROG**: (9) **[RULE 1171, 11-7-2003;** *RULE 1171, 5-1-2009*]	H23.3

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

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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
Process 6: RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC REQUIREMENTS					
RULE 219 EXEMPT EQUIPMENT	E50			**ROG: (9) [RULE 1151, 12-11-1998;** ***RULE 1151, 12-2-2005***]	H23.4
RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT USING HALONS	E51				H23.5
RULE 219 EXEMPT EQUIPMENT, ENGINES WITH MAXIMUM INPUT RATING NO HIGHER THAN 50 BHP	E96				
RULE 219 EXEMPT EQUIPMENT, COMPRESSED IGNITION ENGINES REGISTERED WITH CARB	E97			**CO: (8) [40CFR 89 Subpart B, 7-1-2000]; NOX + ROG: (8) [40CFR 89 Subpart B, 7-1-2000]; PM: (8) [40CFR 89 Subpart B, 7-1-2000]**	

* (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
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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
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SECTION D: DEVICE ID INDEX

Device Index For Section D

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FACILITY PERMIT TO OPERATE
UNITED AIRLINES INC

SECTION D: DEVICE ID INDEX

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D90	8	3	1
E96	11	6	1
E97	11	6	1

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

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

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

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

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

[Devices subject to this condition : B22]

A433.1 The operator shall limit the emission concentrations from this system as follows:

CONTAMINANT	CONCENTRATION	UNIT
TOC, as hexane	8.0	ppmv
Benzene	0.0171	ppmv
1, 1-Dichloroethane	0.0060	ppmv
1, 1-Dichloroethene	0.0060	ppmv
Ethylbenzene	0.0219	ppmv
Methylene Chloride	0.0030	ppmv
Methyl Ethyl Ketone	0.0020	ppmv
1, 1, 1-Trichloroethane	0.0060	ppmv
Tetrachloroethylene (PCE)	0.0028	ppmv
Toluene	0.0078	ppmv
Trichlorofluoromethane	0.0030	ppmv

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

Trichloroethylene (TCE)	0.0276	ppmv
Xylene	0.0870	ppmv

For the purpose of this condition, the concentrations are measured at the outlet of the final adsorber, and that the concentrations are in parts per million by volume (ppmv)

Records shall be kept in a format approved by the District to demnostrate compliance with this condition

[RULE 1401, 3-4-2005]

[Devices subject to this condition : C69]

A433.2 The operator shall maintain the concentration at the inlet of the primary adsorber for the following material(s) measured in parts per million by volume (ppmv), as hexane, to be no higher than the limit(s) described in the table below:

CONTAMINANT	LIMIT	UNIT
Total Organic Compounds	800	ppmv

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

[Devices subject to this condition : C69]

A433.3 The operator shall maintain the concentration at the inlet of the primary adsorber for the following material(s) measured in parts per million by volume (ppmv), as hexane, to be no higher than the limit(s) described in the table below:

CONTAMINANT	LIMIT	UNIT

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

Total Organic Compounds	200	ppmv

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

[Devices subject to this condition : C81]

A433.4 The operator shall limit the emission concentrations from this system as follows:

CONTAMINANT	CONCENTRATION	UNIT
VOC, as hexane	4.0	ppmv
Benzene	0.035	ppmv
2-Butanone (MEK)	11.0	ppmv
Ethylbenzene	4.0	ppmv
Methyl Chloride	0.23	ppmv
Toluene	3.3	ppmv
Total Xylene	4.0	ppmv

For the purpose of this condition, the concentrations are measured at the outlet of the final adsorber, and that the concentrations are in parts per million by volume (ppmv)

[RULE 1401, 3-4-2005]

[Devices subject to this condition : C81]

B. Material/Fuel Type Limits

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

B163.1 The operator shall not use this equipment to extract and treat any compounds containing the following:

carcinogenic compounds listed in Table I, under Rule 1401, amended on March 4, 2005 except those compounds described in permit condition: A433.1

[RULE 1401, 3-4-2005]

[Devices subject to this condition : C69, D72]

B163.2 The operator shall only use activated carbon containing the following:

Carbon Tetrachloride (CTC) number not less than 60% as measured by ASTM Method D3467

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

[Devices subject to this condition : C69]

B163.3 The operator shall not use this equipment to extract and treat any compounds containing the following:

carcinogenic compounds listed in Table I, under Rule 1401, amended on March 7, 2008 except those compounds described in permit condition: A433.4

[RULE 1401, 3-4-2005]

[Devices subject to this condition : C81, D84]

B163.4 The operator shall only use activated carbon containing the following:

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Carbon Tetrachloride (CTC) number not less than 60% as measured by ASTM Method D3467-99 or a butane activity number not less than 23.5% as measured by ASTM Method D5742-95

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

[Devices subject to this condition : C81]

C. Throughput or Operating Parameter Limits

C1.3 The operator shall limit the fuel usage to no more than 38.25 MM gallons in any one calendar 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.

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

[Devices subject to this condition : B20, B21, B22, D90]

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.

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

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 and testing to no more than 20 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, 5-4-2012; **RULE 2005, 6-3-2011]**

[Devices subject to this condition : D42]

C1.13 The operator shall limit the maintenance and 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, 5-4-2012; **RULE 2005, 6-3-2011]**

[Devices subject to this condition : D38]

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

C1.14 The operator shall limit the coating and solvent usage to no more than 40 lb(s) in any one day.

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

[Devices subject to this condition : D59]

C1.16 The operator shall limit the operating time to no more than 250 hour(s) in any one year.

[RULE 1401, 3-17-2000]

[Devices subject to this condition : D61]

C1.17 The operator shall limit the maintenance and testing to no more than 34 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, 5-4-2012; **RULE 2005, 6-3-2011]**

[Devices subject to this condition : D68, D76, D77, D78, D79, D80]

C1.19 The operator shall limit the throughput to no more than 459000000 gallon(s) per year.

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

[RULE 1401, 9-10-2010]

[Devices subject to this condition : B20, B21, B22, D90]

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

C1.20 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

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

[Devices subject to this condition : D68, D76, D77, D78, D79, D80]

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 D12-1

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

[Devices subject to this condition : D9, D10]

C6.2 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 0.5 inches water column.

The operator shall monitor and record the differential pressure as specified in condition number D12-1 to ensure compliance with this condition.

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

[Devices subject to this condition : D59]

C12.1 The operator shall use this equipment in such a manner that the total flow rate at the inlet of this device being monitored as indicated below is less than or equal to 8,000 standard cubic feet per minute (SCFM).

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

In case a pressure sensor device is used in place of a flow indicator, a conversion chart shall be available to indicate the corresponding flow rate, in SCFM to the pressure reading

Records for monitoring flow rate, maintenance, inspection and carbon adsorbent change out shall be kept in a format approved by the District to demonstrate compliance with this condition

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

[Devices subject to this condition : C69]

C12.3 The operator shall use this equipment in such a manner that the total flow rate at the inlet of this device being monitored as indicated below is less than or equal to 150 standard cubic feet per minute (SCFM).

In case a pressure sensor device is used in place of a flow indicator, a conversion chart shall be available to indicate the corresponding flow rate, in SCFM to the pressure reading

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

[Devices subject to this condition : C81]

C157.1 The operator shall install and maintain a pressure relief valve set at 250 psig.

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

[RULE 463, 5-6-2005; RULE 463, 11-4-2011]

[Devices subject to this condition : D75]

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

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

[Devices subject to this condition : D9, D10, D59]

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, 5-6-2005]

[Devices subject to this condition : D29, D31, D32, D33, D38, D42, D52, D61, D68, D76, D77, D78, D79, D80]

D12.3 The operator shall install and maintain a(n) thermocouple or any other equivalent device to accurately indicate the temperature of the inlet vapors to the carbon bed at all time.

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

the temperature measured for inlet vapors shall not exceed 145 degrees Fahrenheit

Records of temperature of inlet vapors to the carbon bed shall be kept in a format approved by the District to demnostrate compliance with this condition

[RULE 204, 10-8-1993]

[Devices subject to this condition : C69, C81]

D90.1 The operator shall sample and analyze the total organic compound and speciated for benzene, methyl tert-butyl ether (MTBE), halogenated compounds, and other toxic compounds at the inlet and outlet of the carbon adsorber system according to the following specifications:

Samples shall be collected and analyzed once each month

Sampling shall conform to CARB Method 422 or equivalent. Samples with high moisture shall be collected using an appropriate method such as SCAQMD Method 25.1/25.3 or other methods approved by SCAQMD

Analysis shall be conducted using EPA Method 8015/8021 and EPA Method 8260 or other method(s) approved by SCAQMD

Records of analytical data shall be kept in a format approved by the District to demnostrate compliance with this condition

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

[Devices subject to this condition : C69]

D90.2 The operator shall periodically monitor the Total Organic Compounds (TOC) at the inlet and outlet of the primary carbon adsorbers according to the following specifications:

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

The operator shall monitor once every week.

The operator shall monitor the concentration using an approved organic vapor analyzer (OVA) calibrated in parts per million by volume (ppmv) of hexane (if other calibration agent was used, it shall be correlated to and expressed in hexane).

The operator shall calibrate the instrument used to monitor the parameter in this permit condition with each monitoring visit.

Records of TOC concentrations and OVA calibration shall be kept in a format approved by the District to demnostrate compliance with this condition

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

[Devices subject to this condition : C69, C81]

D90.3 The operator shall sample and analyze the volatile organic compounds (as hexane) and speciated for benzene, 2-butanone (MEK), ethyl benzene, methyl chloride, toluene and total xylene at the inlet and outlet of the carbon adsorber system according to the following specifications:

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

Samples shall be collected and analyzed once each month of operation

Sampling shall conform to CARB Method 422 or equivalent. Samples with high moisture shall be collected using an appropriate method such as SCAQMD Method 25.1/25.3 or other methods approved by SCAQMD

Analysis shall be conducted using EPA Method 8015/8021 and EPA Method 8260 or other method(s) approved by SCAQMD

Sampling and analysis shall be conducted by an independent laboratory in accordance to Rule 304

Records analysises, methods of sampling and analysis, and name of the lab conducting the sampling and analysis shall be kept in a format approved by the District to demnostrate compliance with this condition

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

[Devices subject to this condition : C81]

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, D59, D65]

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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]

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

[Devices subject to this condition : D29, D31, D32, D33, D52, D61]

D381.1 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. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall 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.

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; and

3). Date and time visible emission was abated.

[RULE 1155, 12-4-2009; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984;** RULE 401, 11-9-2001]

[Devices subject to this condition : D65]

E. Equipment Operation/Construction Requirements

E57.1 The operator shall vent this equipment to the integral dust collector whenever it is in operation.

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

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

[Devices subject to this condition : D65]

E71.2 The operator shall only use this equipment to transfer jet-A fuel.

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

[Devices subject to this condition : D90]

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

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 403, 4-2-2004;** RULE 403, 6-3-2005]

[Devices subject to this condition : D65]

E149.1 The operator shall replace the adsorbent in the carbon adsorbers at least once every time the Total Organic Compounds (TOC) concentration, measured as hexane, at the inlet and outlet of the primary carbon adsober indicates that its adsorption efficiency has dropped below 90% (reading shall be recorded and kept on file), the carbon adsorbers shall be replaced as follows: 1) primary adsorber replaced with either fresh adsorbent or adsorbent in secondary adsorber, 2) secondary adsorber replaced with fresh adsorbent. Records of adsorbent replacement shall be kept.

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

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

[Devices subject to this condition : C69]

E153.1 The operator shall change over the adsorbent in the adsorber whenever saturation occurs.

For the purpose of this condition, saturation shall be defined as the adsorption effeciency of the primary adsorber has dropped below 90% AND the concentration of the Total Organic Compounds (TOC) at the outlet of the primary adsorber reaches 20 parts per million by volume.

Adsorption effeciency (E) shall be calculated as follows: E = (INLET - OUTLET)/INLET x 100 where INLET is concentration at the inlet of the primary adsorber and OUTLET is the concentration at the outlet of the same adsorber

The carbon adsorbers shall be replaced as follows: 1) primary adsorber replaced with either fresh adsorbent or adsorbent in secondary adsorber, 2) secondary adsorber replaced with fresh adsorbent

For the purpose of this condition, the primary adsorber is the first unit where the contaminated stream is vented to and that the secondary adsorber is the next unit down stream from the primary one

Records of changes of adsorbent shall be kept in a format approved by the District to demnostrate compliance with this condition

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

[Devices subject to this condition : C81]

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

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

filter media at least 2 inches thick

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

[Devices subject to this condition : D9, D10, D59]

E175.2 The operator shall not use this equipment unless all exhaust air passes through the following:

carbon adsorber(s) which has/have a permit to construct/operate, and that the vapor extraction blower(s) and carbon adsorber(s) are air tight between the outlet of the blower(s) and the outlet of the carbon adsorber(s)

the carbon adsorbers shall be connected in series each containing at least 20,000 pounds of activated carbon

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

[Devices subject to this condition : D72]

E175.3 The operator shall not use this equipment unless all exhaust air passes through the following:

carbon adsorber(s) which has/have a permit to construct/operate, and that the vapor extraction blower(s) and carbon adsorber(s) are air tight between the outlet of the blower(s) and the outlet of the carbon adsorber(s)

the carbon adsorbers shall be connected in series each containing at least 2,000 pounds of activated carbon

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

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

[Devices subject to this condition : D84]

E190.1 The operator shall maintain a minimum stack height of 12 feet.

[RULE 1401, 9-10-2010]

[Devices subject to this condition : S74]

E193.1 The operator shall construct this equipment according to the following requirements:

An identification tag or nameplate shall be displayed on the equipment to show manufacturer model number and serial number. The tag(s) or plate(s) shall be issued by the manufacturer and shall be adhered to the equipment in a permanent conspicuous position

[RULE 204, 10-8-1993]

[Devices subject to this condition : C69, D72, C81, D84]

E440.1 The operator shall operate and maintain this equipment according to the following specifications:

The extraction wells and ducts shall be capped upon completion of extraction to prevent vapors from venting to the atmosphere

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

[**RULE 1166, 7-14-1995;** RULE 1166, 5-11-2001]

[Devices subject to this condition : D70, D82]

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, 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, D59]

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, D65]

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

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

[**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

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

[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, 12-3-2010; **40CFR 82 Subpart F, 5-14-1993; 40CFR 82SubpartG, 3-28-2007**]

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

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1470
Sulfur compounds	District Rule	1470
CO	District Rule	1470
NOX	District Rule	1470
VOC	District Rule	1470
PM	District Rule	1472

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Sulfur compounds	District Rule	431.2
HAPs	40CFR63, SUBPART	ZZZZ

[RULE 1470, 5-4-2012; RULE 1472, 3-7-2008; **RULE 431.2, 5-4-1990;** RULE 431.2, 9-15-2000; **40CFR 63SubpartZZZZ, 3-9-2011**]

[Devices subject to this condition : D38, D42, D68, D76, D77, D78, D79, D80]

H23.8 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Sulfur compounds	District Rule	431.2

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

[Devices subject to this condition : D29, D31, D32, D33, D52, D61]

H23.9 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1140
PM	District Rule	1155

[RULE 1155, 12-4-2009]

[Devices subject to this condition : D65]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.11 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	HHHHHH

[40CFR 63SubpartHHHHHH, 2-13-2008]

[Devices subject to this condition : D9, D10, D59]

K. Record Keeping/Reporting

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, D59]

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.

records shall be kept for a minimum of five years and made available upon request

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

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D29, D31, D32, D33, D38, D42, D52, D61]

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]

[Devices subject to this condition : D9, D10, D59]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

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

Operating log maintained on a monthly basis listing engine operations in each of the following areas:

Emergency use hours of operation

Maintenance and testing hours

Other operating hours (describe the reason for operation)

In addition, each time the engine is started manually, the log shall include the date of operation and the timer reading in hours at the beginning and end of operation

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

The total hours of operation for the previous year shall be recorded sometime during the first 15 days of January of each year

[RULE 1470, 5-4-2012; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D68, D76, D77, D78, D79, D80]

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

Monthly AND annual throughputs of jet A fuel being transferred by this equipment

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

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

[Devices subject to this condition : B20, B21, B22, D90]

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

K67.7 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Date of operation

Length of operation, in minutes

A statement from the operator indicating whether or not visiual emission is observed for each time of operation

[RULE 1155, 12-4-2009; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D65]

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SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]

   a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]

   b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]

   c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]

2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]

3. This permit does not authorize the emissions 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 and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other governmental agencies. [204]

4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]

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5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation.[204]

6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]

   a. Three years for a facility not subject to Title V; or

   b. Five years for a facility subject to Title V.

7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]

   a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]

   b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]

   c. For a large NOx source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]

   d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes. [204]

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e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compound which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO2) and be averaged over 15 consecutive minutes; [407]

f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent carbon dioxide (CO2) at standard conditions and averaged over 15 consecutive minutes. [409]

g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O2) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]

8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulation, except those listed in Table 1 of Rule 2001 for NOx RECLAIM sources and Table 2 of Rule 2001 for SOx RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NOx or SOx emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NOx or SOx source, respectively. [2001]

9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]

a. Brief description of the equipment tested.

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b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.

c. Operating conditions under which the test will be performed.

d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e,g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).

e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.

f. Description of calibration and quality assurance procedures.

g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).

10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]

a. The results of the source test.

b. Brief description of the equipment tested.

c. Operating conditions under which the test will be performed.

d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e,g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).

e. Field and laboratory data forms, strip charts and analyses.

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f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.

11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]

12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]

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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

I. NOx Monitoring Conditions

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

B. The Operator of a NOx large Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2012, Table 2012-1, and Rule 2012, Appendix A, Table 4-A. The sharing of totalizing fuel meters may be allowed by the Executive Officer if the fuel meter serves process units which have the same emission factor or emission rate. The sharing of totalizing meter shall not be allowed for process units which are required to comply with an annual heat input limit. [2012]

II. NOx Source Testing and Tune-up conditions

1. The operator shall conduct all required NOx source testing in compliance with an AQMD-approved source test protocol. [2012]

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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

2. The operator shall, as applicable, conduct source tests for every large NOx source no later than June 30, 1997 and every 3 years thereafter. The source test shall include the determination of NOx concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]

3. All NOx large sources and NOx process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]

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SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

I. Recordkeeping Requirements for all RECLAIM Sources

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:
   a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
   b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
   c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

II. Reporting Requirements for all RECLAIM Sources

1. The operator shall submit a quarterly certification of emissions including the facility's total NOx or SOx emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2011 & 2012]

NOx Reporting Requirements

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

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SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

B. The Operator of a NOx Large Source, as defined in Rule 2012, shall:

Not Applicable

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall:

1. Electronically report the calculated quarterly NOx emissions for each NOx process unit. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. [2012]

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE

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SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules.

NONE

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

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SECTION J: AIR TOXICS
[40CFR 63SubpartHHHHHH 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.

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SECTION J: AIR TOXICS
[40CFR 63SubpartZZZZ 03-09-2011]

NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS: STATIONARY RECIPROCATING INTERNAL COMBUSTION ENGINES

The owner/operator of existing emergency stationary Reciprocating Internal Combustion Engines (RICE) located at an area source of hazardous air pollutant (HAP) emissions shall comply with the applicable requirements of 40 CFR 63 Subpart ZZZZ including but not limited to the following:

1. The owner/operator shall comply with the applicable requirements as specified in 63.6603 including but not limited to the following:

Table 2d to Subpart ZZZZ of Part 63—Requirements for Existing Stationary RICE Located at Area Sources of HAP Emissions

As stated in §§63.6603 and 63.6640, you must comply with the following requirements for existing stationary RICE located at area sources of HAP emissions:

For each . . .	You must meet the following requirement, except during periods of startup . . .	During periods of startup you must . . .
4. Emergency stationary CI RICE and black start stationary CI RICE.[2]	a. Change oil and filter every 500 hours of operation or annually, whichever comes first;[1]	
	b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and	
	c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	
5. Emergency stationary SI RICE; black start stationary SI RICE.[2]	a. Change oil and filter every 500 hours of operation or annually, whichever comes first;[1] b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first; and c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	

[1]Sources have the option to utilize an oil analysis program as described in §63.6625(i) in order to extend the specified oil change requirement in Table 2d of this subpart.

[2]If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Table 2d of this subpart, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law

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[40CFR 63SubpartZZZZ 03-09-2011]

has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the Federal, State or local law under which the risk was deemed unacceptable.

2. The owner/operator shall comply with the applicable general requirements as specified in 63.6605.

3. The owner/operator shall comply with the applicable monitoring, installation, collection, operation, and maintenance requirements specified in 63.6625.

4. The owner/operator shall demonstrate continuous compliance with the applicable emission limitations and operating limitations specified in 63.6640 including but not limited to the following:

(a) You must demonstrate continuous compliance with each emission limitation and operating limitation according to methods specified in Table 6 to this subpart.

Table 6 to Subpart ZZZZ of Part 63—Continuous Compliance With Emission Limitations, Operating Limitations, Work Practices, and Management Practices

As stated in §63.6640, you must continuously comply with the emissions and operating limitations and work or management practices as required by the following:

For each . . .	Complying with the requirement to . . .	You must demonstrate continuous compliance by . . .
existing emergency and black start stationary RICE located at an area source of HAP	a. Work or Management practices	i. Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or ii. Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

(b) You must report each instance in which you did not meet each emission limitation or operating limitation in Table 2d to this subpart that apply to you. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in §63.6650.

(c) you must operate the emergency stationary RICE according to the requirements in paragraphs (i) through (iii) of this section. Any operation other than emergency operation, maintenance and

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[40CFR 63SubpartZZZZ 03-09-2011]

testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (i) through (iii) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (i) through (iii) of this section, the engine will not be considered an emergency engine under this subpart and will need to meet all requirements for non-emergency engines.

(i) There is no time limit on the use of emergency stationary RICE in emergency situations.

(ii) You may operate your emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency RICE beyond 100 hours per year.

(iii) You may operate your emergency stationary RICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity; except that owners and operators may operate the emergency engine for a maximum of 15 hours per year as part of a demand response program if the regional transmission organization or equivalent balancing authority and transmission operator has determined there are emergency conditions that could lead to a potential electrical blackout, such as unusually low frequency, equipment overload, capacity or energy deficiency, or unacceptable voltage level. The engine may not be operated for more than 30 minutes prior to the time when the emergency condition is expected to occur, and the engine operation must be terminated immediately after the facility is notified that the emergency condition is no longer imminent. The 15 hours per year of demand response operation are counted as part of the 50 hours of operation per year provided for non-emergency situations. The supply of emergency power to another entity or entities pursuant to financial arrangement is not limited by this paragraph (iii), as long as the power provided by the financial arrangement is limited to emergency power.

5. The owner/operator shall comply with the applicable record keeping requirements specified in 63.6655 and 63.6660.

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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)]

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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)]

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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)]

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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)]

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EMERGENCY PROVISIONS

17. An emergency[1] 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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1 "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.

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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.

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(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;

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(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)]

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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.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 109	5-2-2003	Federally enforceable
RULE 1107	1-6-2006	Federally enforceable
RULE 1110.2	2-1-2008	Federally enforceable
RULE 1110.2	9-7-2012	Non federally enforceable
RULE 1113	7-13-2007	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 1155	12-4-2009	Non federally enforceable
RULE 1166	5-11-2001	Non federally enforceable
RULE 1166	7-14-1995	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 118	12-7-1995	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable

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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1304(c)-Offset Exemption	6-14-1996	Federally enforceable
RULE 1401	3-17-2000	Non federally enforceable
RULE 1401	3-4-2005	Non federally enforceable
RULE 1401	9-10-2010	Non federally enforceable
RULE 1415	12-3-2010	Non federally enforceable
RULE 1418	9-10-1999	Non federally enforceable
RULE 1470	5-4-2012	Non federally enforceable
RULE 1472	3-7-2008	Non federally enforceable
RULE 2002	2-14-1997	Federally enforceable
RULE 2004	4-6-2007	Non federally enforceable
RULE 2004	5-11-2001	Federally enforceable
RULE 2005	6-3-2011	Federally enforceable
RULE 2012	5-6-2005	Federally enforceable
RULE 202	12-3-2004	Non federally enforceable
RULE 202	5-7-1976	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 209	1-5-1990	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	6-1-2007	Non federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3002	11-5-2010	Non federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3003	11-5-2010	Non federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 304	6-1-2012	Non federally enforceable

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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 403	4-2-2004	Federally enforceable
RULE 403	6-3-2005	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 442	12-15-2000	Federally enforceable
RULE 461	4-6-2012	Non federally enforceable
RULE 463	11-4-2011	Non federally enforceable
RULE 463	5-6-2005	Federally enforceable
RULE 481	1-11-2002	Federally enforceable
40CFR 63SubpartHHHHHH	2-13-2008	Federally enforceable
40CFR 63SubpartZZZZ	3-9-2011	Federally enforceable
40CFR 82 Subpart B	7-14-1992	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

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

1. INTERNAL COMBUSTION ENGINES, LPG
2. CENTRAL FURNACES, NATURAL GAS, 2 MMBTU/HR OR LESS
3. PORTABLE ENGINES, PERP
4. SPACE HEATERS, PROPANE, 2 MMBTU/HR OR LESS
5. INTERNAL COMBUSTION ENGINES, DIESEL, 50 B.H.P. OR LESS
6. INTERNAL COMBUSTION ENGINES, GASOLINE, 50 B.H.P. OR LESS
7. BOILERS, NATURAL GAS, 2 MM BTU/HR OR LESS

FACILITY PERMIT TO OPERATE
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APPENDIX B: RULE EMISSION LIMITS
[RULE 1140 02-01-1980]

(1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(A) As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines, or

(B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (1)(A).

(2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(A) As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or

(B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (2)(A).

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APPENDIX B: RULE EMISSION LIMITS
[RULE 1140 08-02-1985]

(1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(A) As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines, or

(B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (1)(A).

(2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(A) As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or

(B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (2)(A).

FACILITY PERMIT TO OPERATE
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APPENDIX B: RULE EMISSION LIMITS
[RULE 1151 12-11-1998]

Except as otherwise provided in Rule 1151

(1) VOC Content of Coatings

A person shall not apply a coating to Group I vehicles and equipment, and Group II vehicles, or their parts and components, which has a VOC content which exceeds the limits contained in subparagraphs (1)(A) and (1)(B). Compliance with the VOC limits shall be based on VOC content, including any VOC material added to the original coating supplied by the manufacturer, less water and exempt compounds, as applied to the vehicle, mobile equipment, or parts and components.

(A) Group I Vehicles and Equipment

The operator who applies coatings to Group I vehicles and equipment, or their parts or components, shall not apply a coating which has a VOC content in excess of the limits in Table 1.

TABLE 1

VOC LIMITS
Grams Per Liter of Coating,
Less Water and Exempt Compounds

COATING	On and After December 12, 1998	
	g/L	lb/gal
Pretreatment	780	6.5
Primer/Primer Surfacer/ Primer Sealer	250	2.1
Topcoats		
General	340	2.8
Metallic/Iridescent	340*	2.8*
Multi-Colored	685	5.7
Multistage	340*	2.8*
Specialty Coating	840	7.0

*The VOC limits for Metallic/Irridescent and Multistage topcoats for spot repairs on Group I vehicles and mobil equipment will be 3.5 lb/gal (less water and exempt compounds).

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APPENDIX B: RULE EMISSION LIMITS
[RULE 1151 12-11-1998]

(B) Group II Vehicles

The operator who applies coatings to Group II vehicles, or their parts or components, shall not apply a coating which has a VOC content in excess of the limits in Table 2.

TABLE 2

VOC Limits
Grams Per Liter of Coating,
Less Water and Exempt Compounds

COATING	On and After December 12, 1998		On and After July 1, 1999		On and After October 1, 1999	
	g/L	lb/gal	g/L	lb/gal	g/L	lb/gal
Pretreatment	780	6.5	780	6.5	780	6.5
Primer/Primer Surfacer	250	2.1	250	2.1	250	2.1
Primer Sealer	340	2.8	340	2.8	340	2.8
Topcoats						
General	420	3.5	420	3.5	420	3.5
Metallic/Iridescent	420	3.5	420	3.5	420	3.5
Multi-Colored	685	5.7	685	5.7	685	5.7
Multistage System						
≥ 2 gal/day[1]	540	4.5	420[1]	3.5	420	3.5
< 2 gal/day[2]	540	4.5	540[2]	4.5	420	3.5
Multi-Colored Multistage	420	3.5	420	3.5	420	3.5
Specialty Coating	840	7.0	840	7.0	840	7.0

[1] On and after July 1, 1999, any person who uses two gallons or more of combined basecoat and clearcoat, as applied, on any given day shall comply with the 420 g/L (3.5 lb/gal) limit.

[2] Any person who uses less than two gallons of combined basecoat and clearcoat, as applied, on each day up to September 30, 1999 shall comply with the 3.5 lb/gal limit on and after October 1, 1999.

FACILITY PERMIT TO OPERATE
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APPENDIX B: RULE EMISSION LIMITS
[RULE 1151 12-11-1998]

(2) Exempt Compounds

The operator shall not apply a coating which contains any Group II exempt compounds as defined in Rule 102 except for methylene chloride; carbon tetrachloride; perchloroethylene; or cyclic, branched, or linear, completely methylated siloxanes (VMS).

(3) Carcinogenic Materials

The operator shall not apply the coatings in which cadmium or hexavalent chromium was introduced as a pigment or as an agent to impart any property or characteristic to the coatings during manufacturing, distribution, or use of the applicable coatings.

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APPENDIX B: RULE EMISSION LIMITS
[RULE 1151 12-02-2005]

The following limits of this rule shall sunset on June 30, 2008, and the limits specified in Appendix A shall become effective on July 1, 2008.

Except as otherwise provided in Rule 1151

(1) VOC Content of Coatings

A person shall not apply a coating to Group I vehicles and equipment, and Group II vehicles, or their parts and components, which has a VOC content which exceeds the limits contained in subparagraphs (1)(A) and (1)(B). Compliance with the VOC limits shall be based on VOC content, including any VOC material added to the original coating supplied by the manufacturer, less water and exempt compounds, as applied to the vehicle, mobile equipment, or parts and components.

(A) Group I Vehicles and Equipment

A person who applies coatings to Group I vehicles and equipment, or their parts or components, shall not apply a coating which has a VOC content in excess of the limits in Table 1.

FACILITY PERMIT TO OPERATE
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APPENDIX B: RULE EMISSION LIMITS
[RULE 1151 12-02-2005]

TABLE 1

COATING	VOC LIMITS Grams Per Liter of Coating, Less Water and Exempt Compounds On and After December 12, 1998 g/L	lb/gal
Pretreatment	780	6.5
Primer/Primer Surfacer/ Primer Sealer	250	2.1
Topcoats		
General	340	2.8
Metallic/Iridescent	340*	2.8*
Multi-Colored	685	5.7
Multistage	340*	2.8*
Specialty Coating	840	7.0

*The VOC limits for Metallic/Iridescent and Multistage topcoats for spot repairs on Group I vehicles and mobile equipment will be 3.5 lb/gal (less water and exempt compounds).

(B) Group II Vehicles

A person who applies coatings to Group II vehicles, or their parts or components, shall not apply a coating which has a VOC content in excess of the limits in Table 2.

FACILITY PERMIT TO OPERATE
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APPENDIX B: RULE EMISSION LIMITS
[RULE 1151 12-02-2005]

TABLE 2

VOC Limits
Grams Per Liter of Coating,
Less Water and Exempt Compounds

COATING	On and After December 12, 1998		On and After July 1, 1999		On and After October 1, 1999	
	g/L	lb/gal	g/L	lb/gal	g/L	lb/gal
Pretreatment	780	6.5	780	6.5	780	6.5
Primer/Primer Surfacer	250	2.1	250	2.1	250	2.1
Primer Sealer	340	2.8	340	2.8	340	2.8
Topcoats						
General	420	3.5	420	3.5	420	3.5
Metallic/Iridescent	420	3.5	420	3.5	420	3.5
Multi-Colored	685	5.7	685	5.7	685	5.7
Multistage System						
≥ 2 gal/day[1]	540	4.5	420[1]	3.5	420	3.5
< 2 gal/day[2]	540	4.5	540[2]	4.5	420	3.5
Multi-Colored Multistage	420	3.5	420	3.5	420	3.5
Specialty Coating	840	7.0	840	7.0	840	7.0

[1] On and after July 1, 1999, any person who uses two gallons or more of combined basecoat and clearcoat, as applied, on any given day shall comply with the 420 g/L (3.5 lb/gal) limit.

[2] Any person who uses less than two gallons of combined basecoat and clearcoat, as applied, on each day up to September 30, 1999 shall comply with the 3.5 lb/gal limit on and after October 1, 1999.

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APPENDIX B: RULE EMISSION LIMITS
[RULE 1151 12-02-2005]

(2) Exempt Compounds

A person shall not apply a coating which contains any Group II exempt compounds as defined in Rule 102 except for methylene chloride; carbon tetrachloride; perchloroethylene; or cyclic, branched, or linear, completely methylated siloxanes (VMS).

(3) Carcinogenic Materials

A person shall not apply the coatings in which cadmium or hexavalent chromium was introduced as a pigment or as an agent to impart any property or characteristic to the coatings during manufacturing, distribution, or use of the applicable coatings.

Appendix A

Effective July 1, 2008, the emission limits specified in this appendix shall become effective and replace the limits specified above

Except as otherwise provided in Rule 1151

(1) A person shall not apply any coating to a vehicle, mobile equipment, or associated parts or components, that have a VOC content in excess of the limits contained in Table A of this paragraph. Compliance with the VOC limits shall be based on VOC content, including any VOC material added to the original coating supplied by the manufacturer, less water and exempt compounds, as applied to the vehicle, mobile equipment or parts and components.

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APPENDIX B: RULE EMISSION LIMITS
[RULE 1151 12-02-2005]
Table A – Coating Categories and VOC limits

Coating Categories	VOC Limits Less Water and Less Exempt Compounds Effective Dates					
	July 1, 2008		January 1, 2009		January 1, 2010	
	g/L	lb/gal	g/L	lb/gal	g/L	lb/gal
Adhesion Promoter					540	4.5
Clear Coating	250	2.1				
Color Coating	420	3.5				
Multi-Color Coating			680	5.7		
Pretreatment Coating			660	5.5		
Primer					250	2.1
Single-Stage Coating					340	2.8
Temporary Protective Coating			60	0.5		
Truck Bed Liner Coating			310	2.6		
Underbody Coating			430	3.6		
Uniform Finishing Coating			540	4.5		
Any other coating type			250	2.1		

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APPENDIX B: RULE EMISSION LIMITS
[RULE 1151 12-02-2005]

(1) Most Restrictive VOC Limit

If any representation on information on the container of any automotive coating, or any label or sticker affixed to the container, or in any sales, advertising, or technical literature supplied by a person that indicates that the coating meets the definition of or is recommended for use for more than one of the coating categories listed in paragraph (1), then the lowest VOC content limit shall apply.

(2) VOC Limits Compliance Dates

The VOC limits in effect as of December 2, 2005 shall be applicable until superceded by the VOC limits and effectives dates in Table A of paragraph (1).

(3) Exempt Compounds

A person shall not manufacture, sell, offer for sale, distribute for use in the District, or apply any coating which contains any Group II Exempt Compounds as defined in Rule 102.

(4) Carcinogenic Materials

A person shall not manufacture the coatings in which cadmium or hexavalent chromium was introduced as a pigment or as an agent to impart any property or characteristic to the coatings during manufacturing, distribution, or use of the applicable coatings.

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APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-07-2003]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)
(B) Repair and Maintenance Cleaning	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)

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APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-07-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals	
(A) Tools, Equipment, & Machinery	800 (6.7)
(B) General Work Surfaces	600 (5.0)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)
(D) Cleaning of Ink Application Equipment	
(i) General	25 (0.21)
(ii) Flexographic Printing	25 (0.21)
(iii) Gravure Printing	
(A) Publication	750 (6.3)
(B) Packaging	25 (0.21)
(iv) Lithographic or Letter Press Printing	

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APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-07-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS VOC g/l (lb/gal)
(A) Roller Wash – Step 1	600 (5.0)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)
(C) Removable Press Components	25 (0.21)
(v) Screen Printing	750 (6.3)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)
(vii) Specialty Flexographic Printing	600 (5.0)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)

FACILITY PERMIT TO OPERATE
UNITED AIRLINES INC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 05-01-2009]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals	800 (6.7)	
(B) Repair and Maintenance Cleaning		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	

FACILITY PERMIT TO OPERATE
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APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 05-01-2009]

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**
(iii) Medical Devices & Pharmaceuticals		
(A) Tools, Equipment, & Machinery	800 (6.7)	
(B) General Work Surfaces	600 (5.0)	
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)	
(D) Cleaning of Ink Application Equipment		
(i) General	25 (0.21)	
(ii) Flexographic Printing	25 (0.21)	
(iii) Gravure Printing		
(A) Publication	100 (0.83)	
(B) Packaging	25 (0.21)	
(iv) Lithographic (Offset) or Letter Press Printing		
(A) Roller Wash, Blanket Wash, & On-Press Components	100 (0.83)	

FACILITY PERMIT TO OPERATE
UNITED AIRLINES INC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 05-01-2009]

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**
(B) Removable Press Components	25 (0.21)	
(v) Screen Printing	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)	
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)	

* The specified limits remain in effect unless revised limits are listed in subsequent columns.

FACILITY PERMIT TO OPERATE
UNITED AIRLINES INC

APPENDIX B: RULE EMISSION LIMITS
[RULE 404 02-07-1986]

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(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.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 404(a)

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter"Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445

FACILITY PERMIT TO OPERATE
UNITED AIRLINES INC

APPENDIX B: RULE EMISSION LIMITS
[RULE 404 02-07-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter"Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148

FACILITY PERMIT TO OPERATE
UNITED AIRLINES INC

APPENDIX B: RULE EMISSION LIMITS
[RULE 404 02-07-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter"Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100

FACILITY PERMIT TO OPERATE
UNITED AIRLINES INC

APPENDIX B: RULE EMISSION LIMITS
[RULE 405 02-07-1986]

The operator shall not discharge into the atmosphere from this equipment, solid particulate matter including lead and lead compounds in excess of the rate shown in Table 405(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.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 405(a)

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
100 or less	220 or less	0.450	0.99	9000	19840	5.308	11.7
150	331	0.585	1.29	10000	22050	5.440	12.0
200	441	0.703	1.55	12500	27560	5.732	12.6
250	551	0.804	1.77	15000	33070	5.982	13.2
300	661	0.897	1.98	17500	38580	6.202	13.7
350	772	0.983	2.17	20000	44090	6.399	14.1
400	882	1.063	2.34	25000	55120	6.743	14.9
450	992	1.138	2.51	30000	66140	7.037	15.5
500	1102	1.209	2.67	35000	77160	7.296	16.1
600	1323	1.340	2.95	40000	88180	7.527	16.6

FACILITY PERMIT TO OPERATE
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APPENDIX B: RULE EMISSION LIMITS
[RULE 405 02-07-1986]

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
700	1543	1.461	3.22	45000	99210	7.738	17.1
800	1764	1.573	3.47	50000	110200	7.931	17.5
900	1984	1.678	3.70	60000	132300	8.277	18.2
1000	2205	1.777	3.92	70000	154300	8.582	18.9
1250	2756	2.003	4.42	80000	176400	8.854	19.5
1500	3307	2.206	4.86	90000	198400	9.102	20.1
1750	3858	2.392	5.27	100000	220500	9.329	20.6
2000	4409	2.563	5.65	125000	275600	9.830	21.7
2250	4960	2.723	6.00	150000	330700	10.26	22.6
2500	5512	2.874	6.34	175000	385800	10.64	23.5
2750	6063	3.016	6.65	200000	440900	10.97	24.2
3000	6614	3.151	6.95	225000	496000	11.28	24.9
3250	7165	3.280	7.23	250000	551200	11.56	25.5
3600	7716	3.404	7.50	275000	606300	11.82	26.1
4000	8818	3.637	8.02	300000	661400	12.07	26.6
4500	9921	3.855	8.50	325000	716500	12.30	27.1
5000	11020	4.059	8.95	350000	771600	12.51	27.6
6000	13230	4.434	9.78	400000	881800	12.91	28.5
7000	15430	4.775	10.5	450000	992100	13.27	29.3
8000	17640	5.089	11.2	500000 or more	1102000 or more	13.60	30.0

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

NOTICE OF PROPOSED
TITLE V RENEWAL PERMIT

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

United Airlines, Inc.
6010 & 6020 Avion Dr.
Los Angeles, CA 90045
Facility ID# 009755
Contact Person:
Jim Hanselmann
Managing Director
PO Box LAXOZ
Los Angeles, CA 90009

This is an existing facility, applying for a Title V permit renewal that is in the business of providing scheduled passenger transportation and support services. This facility is operating six fire pumps, two emergency generators, six portable power generators, three spray booths, one abrasive blasting cabinet, one Jet-A fuel hydrant facility, one propane storage tank, two soil vapor extraction and treatment systems, and other equipment that are exempt from permit requirements under District Rule 219.

Pursuant to Title V of the federal Clean Air Act and AQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance unless such permit has been renewed. Accordingly, the above facility has submitted a Title V renewal application and requested the AQMD to renew their Title V permit. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to the facility.

The proposed permit is available for public review at AQMD, 21865 Copley Dr., Diamond Bar, CA 91765 and at the El Segundo Public Library, 111 West Mariposa Avenue, El Segundo, CA 90245. Information regarding the facility owner's compliance history submitted to the AQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to the AQMD based on credible information, is also available from the AQMD for public review. For more information or to review additional supporting documents, call the AQMD's Title V hotline at (909) 396-3013. Written comments should be submitted to:

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

Comments must be received by May 21, 2013. The AQMD will consider all public comments and may revise the Title V permit in accordance with AQMD rules and regulations.

The public may request AQMD to conduct a public hearing on the proposed permit by submitting a Hearing Request Form (Form 500-G) to Thai Tran at the above AQMD address. The AQMD will hold a public hearing if there is evidence that the proposed permit is not correct or is not adequate to ensure compliance with regulatory requirements, and a hearing will likely provide additional information that will affect the drafting and/or issuance of the permit. A public hearing request form and the public hearing schedule may be obtained from the AQMD by calling the Title V hotline at (909) 396-3013, or from the internet at *http://www.aqmd.gov/titlev*. The request for a public hearing is due by May 7, 2013. A copy of the hearing request must also be sent by first class mail to the appropriate facility contact person listed above.