

FACILITY PERMIT TO OPERATE TABC, 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: SURFACE COATING					
TANK, ELECTRODEPOSITION, WIDTH: 13 FT ; HEIGHT: 14 FT 6 IN; LENGTH: 53 FT 6 IN A/N:	D1	C112		VOC: (9) [RULE 1115, 5-12-1995; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	E54.1, H23.5
OVEN, BAKING, NATURAL GAS, PROPANE, ED, 9.4 MMBTU/HR A/N: 439149	D2	C112	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 12.8 LBS/1000 GAL PROPANE (1) [RULE 2012, 5-6-2005]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C6.1, E54.1, E191.1
AFTERBURNER, NATURAL GAS, PROPANE, CERAMIC BED REGENERATIVE TYPE, 3 MMBTU/HR A/N: 439151	C112	D1 D2	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 12.8 LBS/1000 GAL PROPANE (1) [RULE 2012, 5-6-2005]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D29.1, E193.4
Process 2: BOILER					

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

FACILITY PERMIT TO OPERATE TABC, 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: BOILER					
BOILER, NATURAL GAS, PROPANE, SUPERIOR, MODEL 5-5-2007, 16.8 MMBTU/HR WITH A/N: 189853 BURNER, NATURAL GAS, PROPANE, GORDON-PIATT, MODEL F16.1-G-100, 16.8 MMBTU/HR	D23		NOX: PROCESS UNIT**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 12.8 LBS/1000 GAL PROPANE (1) [RULE 2012, 5-6-2005]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C1.4, D111.1, D328.1, K48.1
Process 7: INTERNAL COMBUSTION ENGINE					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NATURAL GAS, CUMMINS, MODEL GTA8.3-LC-G1, CATALYTIC CONVERTER, 202 BHP A/N: 412918	D321		NOX: PROCESS UNIT**	CO: 2 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 1.5 GRAM/BHP-HR NATURAL GAS (4) [RULE 2005, 5-6-2005]; NOX: 3400 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; VOC: 1.5 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	C1.3, C1.8, E71.2, E115.1, K67.5
Process 9: Rule 219 Exempt Equipment/Processes with Source-Specific Requirements					

* (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 TABC, 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 9: Rule 219 Exempt Equipment/Processes with Source-Specific Requirements					
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E211				H23.1
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS	E212				H23.2
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E215			VOC: (9) [RULE 1171, 5-1-2009]	H23.3
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E217			VOC: (9) [RULE 1113, 11-8-1996; RULE 1113, 7-13-2007; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	K67.1

* (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 TABC, INC

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
TABC, INC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1	1	1	0
D2	1	1	0
D23	2	2	0
C112	1	1	0
E211	3	9	0
E212	3	9	0
E215	3	9	0
E217	3	9	0
D321	2	7	0

FACILITY PERMIT TO OPERATE TABC, INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

FACILITY CONDITIONS

F2.1 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 2767 LBS IN ANY ONE DAY
VOC	Less than or equal to 339 TONS IN ANY 12-MONTH PERIOD

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[**RULE 109, 5-2-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

F2.2 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
Single Volatile Hazardous Air Pollutant (VHAP)	Less than 10.0 TONS IN ANY CONSECUTIVE 12-MONTH PERIOD
Combination of Volatile Hazardous Air Pollutants (VHAPs)	Less than 25.0 TONS IN ANY CONSECUTIVE 12-MONTH PERIOD

FACILITY PERMIT TO OPERATE TABC, INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

To ensure compliance with the Volatile Hazardous Air Pollutant (VHAP) emission limits of this condition, the operator shall comply with the following recordkeeping requirements:

(a) Comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).

(b) Within 14 calendar days after the end of each month, total and record VHAP emissions for the month and for the previous 12-month period from all equipment and operations that are required to have written permits or are exempt from written permits pursuant to Rule 219. The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.

(c) Maintain a single list which includes only the name and address of each person from whom the facility acquired VHAP-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.

(d) Retain all purchase invoices for all VHAP-containing material used or stored at the facility, and all waste manifests for all waste VHAP-containing material removed from the facility.

(e) Retain all records required by this permit at the facility for five years, and make all records available to any District personnel upon request.

[40CFR 63 Subpart III, 4-26-2004]

FACILITY PERMIT TO OPERATE TABC, INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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]

F24.1 Accidental release prevention requirements of Section 112(r)(7):

a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).

b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

DEVICE CONDITIONS

C. Throughput or Operating Parameter Limits

C1.3 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

FACILITY PERMIT TO OPERATE TABC, INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

To comply with this condition, the operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

**[RULE 1110.2, 2-1-2008; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;
RULE 2012, 5-6-2005]**

[Devices subject to this condition : D321]

C1.4 The operator shall limit the heat input to no more than 23000 MM Btu in any one year.

For the purpose of this condition, heat input shall be defined as the input from natural gas and propane fuel usage.

The purpose(s) of this condition is to ensure that this equipment qualifies as a process unit.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage in the boiler.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D23]

C1.8 The operator shall limit the duration of routine maintenance to no more than 50 hour(s) in any one year.

FACILITY PERMIT TO OPERATE TABC, INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

**[RULE 1110.2, 2-1-2008; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;
 RULE 2012, 5-6-2005]**

[Devices subject to this condition : D321]

C6.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 700 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature of the oven.

The operator shall determine and record the parameter being monitored once every 1 days.

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

[Devices subject to this condition : D2]

D. Monitoring/Testing Requirements

D29.1 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
VOC	Approved District method	District-approved averaging time	Simultaneous inlet and outlet

FACILITY PERMIT TO OPERATE TABC, INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The test(s) shall be conducted at least once every five years.

The test shall be conducted no later than May 10, 2014 unless otherwise approved in writing by the District.

The test shall be conducted to determine the VOC emissions using an approved District method to demonstrate compliance with all applicable rules and regulations.

The test shall be conducted while the oxidizer is operating at a temperature of not less than the minimum operating temperature specified in this permit. If the operating temperature during the source test is greater than the minimum operating temperature specified in this permit, the minimum operating temperature specified in this permit may be increased to reflect the operating temperature during the source test.

The operator shall submit two complete copies of the source test report specified in condition No.10 of section E of this facility permit to the District Engineering and Compliance Division. The Engineering copy of the report shall be sent to: SCAQMD, Coating, Printing and Aerospace Operations, Attn: AQACS, 21865 Copley Drive, Diamond Bar, CA 91765. The compliance copy of the report shall be sent to: SCAQMD, P.O.Box 4941, Diamond Bar, CA 91765

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

[Devices subject to this condition : C112]

D111.1 The operator shall comply with the tune-up requirements of Rule 1146. Records shall be maintained for the date of each tune-up, the company performing the tune-up, and the tune-up results for NOX, CO and O2.

[RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]

[Devices subject to this condition : D23]

FACILITY PERMIT TO OPERATE TABC, INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

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

[Devices subject to this condition : D23]

E. Equipment Operation/Construction Requirements

E54.1 The operator is not required to vent this equipment to the following equipment if any of the requirements listed below are met:

Device ID: C112 [AFTERBURNER, ED COATING]

Requirement number 1: purging prior to incinerator start-up

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

[Devices subject to this condition : D1, D2]

E71.2 The operator shall only operate this equipment during maintenance, source testing, and emergencies resulting in an interruption of service of the primary power supply or during a stage II or III electrical emergency declared by the California Independent System Operator.

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2005, 5-6-2005]

FACILITY PERMIT TO OPERATE TABC, INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Devices subject to this condition : D321]

E115.1 The operator shall maintain an automatic air-to-fuel ratio controller so as to regulate the air-to-fuel ratio within tolerance limits as recommended by the catalyst supplier or manufacturer.

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

[Devices subject to this condition : D321]

E191.1 The operator shall vent emissions from the entrance canopy exhaust to equipment number C112.

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

[Devices subject to this condition : D2]

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

FACILITY PERMIT TO OPERATE TABC, INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The combustion chamber temperature shall be maintained at a minimum of 1,500 degrees Fahrenheit whenever the equipment it serves is in operation.

The operator shall operate and maintain a temperature measuring and recording system to continuously measure and record the combustion chamber temperature pursuant to the operation and maintenance requirements specified in 40 CFR Part 64.7. Such a system shall have an accuracy within 1% of the temperature being monitored and shall be inspected, maintained, and calibrated on an annual basis in accordance with the manufacturer's specifications.

For the purpose of this condition, a deviation shall be defined as when the combustion chamber temperature of less than 1,500 degrees Fahrenheit occurs during the normal operation of the equipment it serves. The operator shall review the records of the combustion chamber temperature on a daily basis to determine if a deviation occurs or shall install an alarm system to alert the operator when a deviation occurs.

Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such a deviation, take immediate corrective actions to maintain the combustion chamber temperature at or above 1,500 degrees Fahrenheit, and keep records of the duration and cause (including unknown cause, if applicable) of the deviation and the corrective actions taken.

All deviations shall be reported to the AQMD pursuant to the requirements specified in 40 CFR Part 64.9 and Condition Nos. 22 and 23 in Section K of this permit. The report shall include the total operating time of this equipment and the total accumulated duration of all deviations for each semi-annual reporting period specified in Condition No. 23 in Section K of this permit.

The operator shall submit an application with an Quality Improvement Plan (QIP) in accordance with 40 CFR Part 64.8 to the AQMD if an accumulation of deviations exceeds 5 percent duration of this equipment's total operating time for any semi-annual reporting period specified in Condition No. 23 in Section K of this permit. The required QIP shall be submitted to the AQMD within 90 calendar days after the due date for the semi-annual monitoring report.

FACILITY PERMIT TO OPERATE TABC, INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall inspect and maintain all components of this equipment on an annual basis in accordance with the manufacturer's specifications.

The operator shall keep adequate records in a format that is acceptable to the AQMD to demonstrate compliance with all applicable requirements specified in this condition and 40 CFR Part 64.9 for a minimum of five years.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR Part 64, 10-22-1997]

[Devices subject to this condition : C112]

H. Applicable Rules

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

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415

[RULE 1415, 10-14-1994]

[Devices subject to this condition : E211]

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

Contaminant	Rule	Rule/Subpart
Chromium, Hexavalent	District Rule	1404

FACILITY PERMIT TO OPERATE TABC, INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1404, 4-6-1990]

[Devices subject to this condition : E212]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

[**RULE 1122, 10-1-2004**; RULE 1122, 5-1-2009]

[Devices subject to this condition : E215]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109
VOC	District Rule	442

[**RULE 109, 5-2-2003**; **RULE 442, 12-15-2000**]

[Devices subject to this condition : D1]

K. Record Keeping/Reporting

K48.1 The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the following condition number(s):

FACILITY PERMIT TO OPERATE TABC, INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Condition Number D111.010

[RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]

[Devices subject to this condition : D23]

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

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

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

[Devices subject to this condition : E217]

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

The date of operation.

The elapsed time in hours.

The reason for operation.

FACILITY PERMIT TO OPERATE TABC, INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

**[RULE 1110.2, 2-1-2008; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;
RULE 2012, 5-6-2005]**

[Devices subject to this condition : D321]