

FACILITY PERMIT TO OPERATE

**RIPON COGENERATION LLC
1507 MOUNT VERNON AVE
POMONA, CA 91768**

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 RIPON COGENERATION LLC

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FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: RIPON COGENERATION LLC

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 1507 MOUNT VERNON AVE
POMONA, CA 91768

MAILING ADDRESS: 1507 MOUNT VERNON AVE
POMONA, CA 91768

RESPONSIBLE OFFICIAL: JIM HINRICHS

TITLE: VICE PRESIDENT-OPERATIONS

TELEPHONE NUMBER: (619) 224-4747

CONTACT PERSON: KEVIN GADDIS

TITLE: PLANT MANAGER

TELEPHONE NUMBER: (909) 622-2262

TITLE V PERMIT ISSUED: May 09, 2000

TITLE V PERMIT EXPIRATION DATE: May 08, 2005

| TITLE V | RECLAIM |
|---------|---|
| YES | NOx: YES SOx: NO CYCLE: 2 ZONE: INLAND |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO_x 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 | | Zone | NO _x RTC Initially Allocated | NO _x RTC ¹ Holding as of 12/03/09 (pounds) | Non-Tradable ² Non-Usable RTCs (pounds) |
|-----------------------|---------|--------|---|---|---|
| Begin (month/year) | End | | | | |
| 7/2006 | 6 /2007 | Inland | 150998 | 408 | 0 |
| 7/2007 | 6 /2008 | Inland | 150998 | 9995 | 0 |
| 7/2008 | 6 /2009 | Inland | 150998 | 5129 | 216 |
| 7/2009 | 6 /2010 | Inland | 150998 | 33160 | 432 |
| 7/2010 | 6 /2011 | Inland | 150998 | 32080 | 648 |
| 7/2011 | 6 /2012 | Inland | 150998 | 31000 | 864 |
| 7/2012 | 6 /2013 | Inland | 150998 | 31000 | 864 |
| 7/2013 | 6 /2014 | Inland | 150998 | 31000 | 864 |
| 7/2014 | 6 /2015 | Inland | 150998 | 31000 | 864 |
| 7/2015 | 6 /2016 | Inland | 150998 | 31000 | 864 |
| 7/2016 | 6 /2017 | Inland | 150998 | 31000 | 864 |
| 7/2017 | 6 /2018 | Inland | 150998 | 31000 | 864 |
| 7/2018 | 6 /2019 | Inland | 150998 | 31000 | 864 |
| 7/2019 | 6 /2020 | Inland | 150998 | 31000 | 864 |
| 7/2020 | 6 /2021 | Inland | 150998 | 31000 | 864 |
| 7/2021 | 6 /2022 | Inland | 150998 | 31000 | 864 |
| 7/2022 | 6 /2023 | Inland | 150998 | 31000 | 864 |

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 RIPON COGENERATION LLC

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 | | Zone | NOx RTC Initially Allocated | NOx RTC ¹ Holding as of 12/03/09 (pounds) | Non-Tradable ² Non-Usable RTCs (pounds) |
|-----------------------|---------|--------|-----------------------------------|---|---|
| Begin (month/year) | End | | | | |
| 7/2023 | 6 /2024 | Inland | 150998 | 31000 | 864 |

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.

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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 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 | NO _x RTC Starting Allocation (pounds) | Non-Tradable Credits(NTCs) (pounds) |
|--------|---------|--------|--|---|
| Begin | End | | | |
| 7/1994 | 6 /1995 | Inland | 590920 | 548427 |

**FACILITY PERMIT TO OPERATE
RIPON COGENERATION LLC**

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

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 | | | | | |
| BURNER, NATURAL GAS, COEN, MODEL LDR-LE-II, DUCT, 174 MMBTU/HR A/N: 423640 | D44 | D42 C48 | NOX: MAJOR SOURCE** | CO: 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; NOX: 0.2 LBS/MMBTU NATURAL GAS (8) [40CFR 60 Subpart Db,11-16-2006] PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981] | |
| IMPELLER, STARTER, GAS TURBINE A/N: 424050 | D46 | | | | |
| STACK, GAS TURBINE A/N: 423640 | S47 | | | | |
| Process 2 : Rule 219 Exempt Equipment/Processes with Source-Specific Requirements | | | | | |
| System 1 : | | | | | |
| RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS | E38 | | | VOC: (9) [RULE 1113,11-8-1996;RULE 1113,6-9-2006;RULE 1171,11-7-2003;RULE 1171,7-14-2006] | K67.1 |
| RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS | E39 | | | | H23.1 |
| RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS | E40 | | | | H23.2 |

* (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 RIPON COGENERATION LLC

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 : Rule 219 Exempt Equipment/Processes with Source-Specific Requirements | | | | | |
| RULE 219 EXEMPT EQUIPMENT, SUMP | E41 | | | | H23.3 |
| Process 3 : AIR POLLUTION CONTROL SYSTEM | | | | | |
| System 1 : SELECTIVE CATALYTIC REDUCTION | | | | | |
| SELECTIVE CATALYTIC REDUCTION, PEERLESS MFG. CO., WITH CATALYST INTERNAL VOLUME OF 1,464 CUBIC FEET WITH A/N: 424044 AMMONIA INJECTION | C48 | D44 | | NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002] | A195.3, D28.1 |
| STORAGE TANK, PRESSURIZED, AMMONIA, 10000 GALS A/N: 424041 | D51 | | | | C157.1, E144.1 |

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

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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.**

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| E38 | 2 | 2 | 1 |
| E39 | 2 | 2 | 1 |
| E40 | 2 | 2 | 1 |
| E41 | 3 | 2 | 1 |
| D42 | 1 | 1 | 1 |
| D44 | 2 | 1 | 1 |
| D46 | 2 | 1 | 1 |
| S47 | 2 | 1 | 1 |
| C48 | 3 | 3 | 1 |
| D51 | 3 | 3 | 1 |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

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 burn liquid fuel containing sulfur compounds in excess of 500 ppm by weight.

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

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

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

DEVICE CONDITIONS

A. Emission Limits

A195.2 The 54 PPMV CO emission limit(s) is averaged over 15 minutes, at 15 percent oxygen.

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

[Devices subject to this condition : D42]

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A195.3 The 5 PPMV NH₃ emission limit(s) is averaged over 15 minutes, at 15 percent oxygen.

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

[Devices subject to this condition : C48]

A327.1 For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 475, 10-8-1976; RULE 475, 8-7-1978]

[Devices subject to this condition : D42]

C. Throughput or Operating Parameter Limits

C1.4 The operator shall limit the duration of startup or shutdown to no more than 3 hour(s).

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 2005, 5-6-2005]

[Devices subject to this condition : D42]

C1.5 The operator shall limit the output to no more than 22 MW.

The operator shall also install and maintain a device to continuously record the parameter being measured.

For the purpose of this condition, output shall be defined as power generated during periods of start-up and shut-down operation.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 2005, 5-6-2005]

[Devices subject to this condition : D42]

C157.1 The operator shall install and maintain a pressure relief valve set at 15 psig.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 5-6-2005]

[Devices subject to this condition : D51]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D. Monitoring/Testing Requirements

- D12.1 The operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage of the gas turbine.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; **RULE 1303(b)(2)-Offset, 12-6-2002**; **RULE 2005, 5-6-2005**]

[Devices subject to this condition : D42]

- D12.2 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the ammonia injection rate of the SCR system.

The operator shall also install and maintain a device to continuously record the parameter being measured.

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

[Devices subject to this condition : D42]

- D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the NH₃ emissions using District method 207.1 and 5.3 or EPA method 17.

The test shall be conducted quarterly during the first 12 months of operation and at least annually thereafter.

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

[Devices subject to this condition : C48]

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D82.2 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS shall be installed and operated in accordance with an approved AQMD Rule 218 CEMS plan application. The operator shall not install the CEMS prior to receiving initial approval from the AQMD

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

[Devices subject to this condition : D42]

D82.3 The operator shall install and maintain a CEMS to measure the following parameters:

NOX concentration in ppmv

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D42]

D328.2 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1303 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 : D42]

E. Equipment Operation/Construction Requirements

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- 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: C48 [SELECTIVE CATALYTIC REDUCTION]

Requirement number 1: during start-up

Requirement number 2: during short maintenance not to exceed 1 hour and during water washes

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

[Devices subject to this condition : D42]

- E144.1 The operator shall vent this equipment, during filling, only to the vessel from which it is being filled.

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

[Devices subject to this condition : D51]

- E226.2 The following condition number(s) shall only apply if all of the requirement(s) stated below are met:

Condition Number C 1- 5

Requirement 1: An emergency occurs and the bypass stack is used.

Requirement 2: The bypass valve shall not open more than 30 percent.

Requirement 3: The gas turbine exhaust shall be vented through the main stack.

Requirement 4: The CEM shall monitor and record actual NOx and CO concentrations.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; **RULE 1303(b)(2)-Offset, 12-6-2002**; **RULE 2005, 5-6-2005**]

[Devices subject to this condition : D42]

H. Applicable Rules

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

| Contaminant | Rule | Rule/Subpart |
|----------------------|---------------|--------------|
| Chromium, Hexavalent | District Rule | 1404 |

[RULE 1404, 4-6-1990]

[Devices subject to this condition : E39]

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

| Contaminant | Rule | Rule/Subpart |
|--------------|------------------|--------------|
| Refrigerants | 40CFR82, SUBPART | F |

[40CFR 82 Subpart F, 5-14-1993]

[Devices subject to this condition : E40]

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

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| ROG | District Rule | 464 |

[RULE 464, 12-7-1990]

[Devices subject to this condition : E41]

K. Record Keeping/Reporting

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

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

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

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

[Devices subject to this condition : E38]

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

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]
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]

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SECTION E: ADMINISTRATIVE CONDITIONS

- 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 NO_x 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]
 - 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 NO_x RECLAIM sources and Table 2 of Rule 2001 for SO_x RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO_x or SO_x 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 NO_x or SO_x source, respectively. [2001]

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SECTION E: ADMINISTRATIVE CONDITIONS

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.
 - 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.
 - 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]

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION E: ADMINISTRATIVE CONDITIONS

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. NO_x Monitoring Conditions

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

1. Install, maintain, and operate an AQMD certified direct or time-shared monitoring device or an approved alternative monitoring device for each major NO_x source to continuously measure the concentration of NO_x emissions and all other applicable variables specified in Rule 2012, Table 2012-1 and Rule 2012, Appendix A, Table 2-A to determine the NO_x emissions rate from each source. The time-sharing of CEMS among NO_x sources may be allowed by the Executive Officer in accordance with the requirements for time sharing specified in Appendix A. [2012]
2. Install, maintain, and operate a totalizing fuel meter approved by the Executive Officer for each major source. [2012]
3. If the facility is operating existing CEMS and fuel meters, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect prior to October 15, 1993 until the CEMS is certified pursuant to Rule 2012. [2012]
4. Use valid data collected by an AQMD certified or provisionally certified CEMS in proper operation that meets all the requirements of Appendix A of Rule 2012, unless final certification of the CEMS is denied, to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.
5. Follow missing data procedures as specified in Rule 2012 Appendix A whenever valid data is not available or collected to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

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

Not Applicable

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

Not Applicable

II. NO_x Source Testing and Tune-up Conditions

1. The operator shall conduct all required NO_x source testing in compliance with an AQMD-approved source test protocol. [2012]
2. The operator shall, as applicable, conduct source tests for every large NO_x source no later than June 30, 1997 and every 3 years thereafter. The source test shall include the determination of NO_x 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 NO_x large sources and NO_x process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

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 NO_x or SO_x 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]

NO_x Reporting Requirements

- A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:
 1. No later than 12 months after entry into the RECLAIM program or after the initial operation of a new major source, whichever is later, install, maintain, and operate a reporting device to electronically report everyday to the AQMD central station for each major NO_x source, the total daily mass emissions of NO_x and daily status codes. Such data

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

shall be transmitted by 5:00 p.m. of the following day. If the facility experiences a power, computer, or other system failure that prevents the submittal of the daily report, the Facility Permit holder shall be granted 24 hours extension to submit the report. [2012]

2. Calculate NO_x emissions pursuant to missing data procedures set forth in Appendix A, Chapter 2 of Rule 2012 if the Facility Permit holder fails to meet the deadline for submitting the daily report. [2012]
 3. Submit an electronic report within 15 days following the end of each month totaling NO_x emissions from all major NO_x sources during the month. [2012]
 4. For those facilities with existing CEMS and fuel meters as of October 15, 1993, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect until the CEMS is certified pursuant to Rule 2011 and/or Rule 2012, as applicable. [2012]
- B. The Operator of a NO_x Large Source, as defined in Rule 2012, shall:
Not Applicable
- C. The Operator of a NO_x Process Unit, as defined in Rule 2012, shall:
Not Applicable

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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 : AIR POLLUTION CONTROL SYSTEM | | | | | |
| System 1 : SELECTIVE CATALYTIC REDUCTION | | | | | |
| SELECTIVE CATALYTIC REDUCTION, CORMETECH, INTERNAL VOLUME OF 906 CUBIC FEET, WITH OXIDATION CATALYST, ENERACHEM, INTERNAL VOLUME OF 443 CUBIC FEET, WITH A/N: 466043 Permit to Construct Issued: 08/17/07 AMMONIA INJECTION | C53 | D52 | | NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] | A195.7, D12.5, D12.6, D12.7 |

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

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

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SECTION H: DEVICE ID INDEX

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

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SECTION H: DEVICE ID INDEX

| Device Index For Section H | | | |
|-----------------------------------|---------------------------|----------------|---------------|
| Device ID | Section H Page No. | Process | System |
| D52 | 1 | 1 | 1 |
| C53 | 2 | 3 | 1 |

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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 burn liquid fuel containing sulfur compounds in excess of 500 ppm by weight.

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

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

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

DEVICE CONDITIONS

A. Emission Limits

A195.4 The 2.0 PPMV NOX emission limit(s) is averaged over 1 hour, at 15 percent oxygen.

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

[Devices subject to this condition : D52]

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A195.5 The 6.0 PPMV CO emission limit(s) is averaged over 1 hour, at 15 percent oxygen.

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

[Devices subject to this condition : D52]

A195.6 The 2.0 PPMV ROG emission limit(s) is averaged over 1 hour, at 15 percent oxygen.

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

[Devices subject to this condition : D52]

A195.7 The 5 PPMV NH₃ emission limit(s) is averaged over 15 minutes, at 15 percent oxygen.

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

[Devices subject to this condition : C53]

A327.2 For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 475, 10-8-1976; RULE 475, 8-7-1978]

[Devices subject to this condition : D52]

C. Throughput or Operating Parameter Limits

C1.6 The operator shall limit the duration of startup or shutdown to no more than 3 hour(s).

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 2005, 5-6-2005]

[Devices subject to this condition : D52]

D. Monitoring/Testing Requirements

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

- D12.3 The operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage of the gas turbine.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 2005, 5-6-2005]

[Devices subject to this condition : D52]

- D12.5 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the ammonia injection rate of the SCR system.

The operator shall also install and maintain a device to continuously record the parameter being measured.

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

[Devices subject to this condition : C53]

- D12.6 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the inlet of the SCR reactor.

The operator shall also install and maintain a device to continuously record the parameter being measured.

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

[Devices subject to this condition : C53]

- D12.7 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the pressure across the SCR catalyst bed in inches of water column.

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

[Devices subject to this condition : C53]

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 |
|---------------------------|--------------------------|----------------|--|
| NOX emissions | Approved District method | 1 hour | Outlet of the SCR serving this equipment |
| CO emissions | Approved District method | 1 hour | Outlet of the SCR serving this equipment |
| ROG emissions | Approved District method | 1 hour | Outlet of the SCR serving this equipment |
| NH3 emissions | Approved District method | 15 minutes | Outlet of the SCR serving this equipment |

In addition to the source test requirements of Section E of this facility permit, the facility permit holder shall submit the protocol to the AQMD engineer no later than 45 days prior to the proposed test date, and notify the District of the date and time of the test at least 10 days prior to the test.

The test(s) shall be conducted within 60 days after achieving maximum production rate, but no later than 90 days after initial start-up.

The test shall be conducted when the equipment is operating under normal conditions.

The test shall be conducted to demonstrate compliance with BACT.

The operator shall also provide to the District a source test report containing, at a minimum, the following information:

| Required Data | Reported As |
|------------------------------|---|
| Emissions data | ppmv |
| Fuel flow rate (CFH) | Dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM) |
| Moisture concentration | Percent corrected to 15 percent oxygen |
| Oxygen levels in the exhaust | Under actual test condition |

Notwithstanding the requirements of Section E conditions, the source test results shall be submitted to the District no later than 60 days after the source test was conducted.

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[Devices subject to this condition : D52]

D82.4 The operator shall install and maintain a CEMS to measure the following parameters:

NOX concentration in ppmv

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D52]

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D323.1 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 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. In addition, the operator shall have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within 72 hours of conversion to fuel oil firing and on a weekly basis thereafter, until the equipment stops firing fuel oil.

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]

[Devices subject to this condition : D52]

E. Equipment Operation/Construction Requirements

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

- E54.2 The operator is not required to vent this equipment to the following equipment if any of the requirements listed below are met:

Device ID: C53 [SELECTIVE CATALYTIC REDUCTION AND CO OXIDATION CATALYST]

Requirement number 1: during start-up

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

[Devices subject to this condition : D52]

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

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

NOT APPLICABLE

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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)]

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.

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SECTION K: TITLE V Administration

- (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)]

- 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)]

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION K: TITLE V Administration

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)]
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

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SECTION K: TITLE V Administration

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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SECTION K: TITLE V Administration

EMERGENCY PROVISIONS

17. An emergency¹ constitutes an affirmative defense to an action brought for non-compliance 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]

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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SECTION K: TITLE V Administration

RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
 - (B) The date(s) analyses were performed;
 - (C) The company or entity that performed the analyses;
 - (D) The analytical techniques or methods used;
 - (E) The results of such analyses; and
 - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:
- (A) Breakdowns shall be reported as required by Rule 430 - Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.
 - (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.

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- (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;
 - (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)]

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION K: TITLE V Administration

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 Title V application file. [3004(a)(4)]

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION K: TITLE V Administration

FACILITY RULES

This facility is subject to the following rules and regulations:

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

| RULE SOURCE | Adopted/Amended Date | FEDERAL Enforceability |
|-------------------------------------|-----------------------------|-------------------------------|
| RULE 109 | 5-2-2003 | Federally enforceable |
| RULE 1113 | 11-8-1996 | Federally enforceable |
| RULE 1113 | 6-9-2006 | Non federally enforceable |
| RULE 1113 | 7-13-2007 | Non federally enforceable |
| RULE 1171 | 11-7-2003 | Federally enforceable |
| RULE 1171 | 2-1-2008 | Non federally enforceable |
| RULE 1171 | 7-14-2006 | 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 |
| RULE 1303(b)(2)-Offset | 12-6-2002 | Non federally enforceable |
| RULE 1303(b)(2)-Offset | 5-10-1996 | Federally enforceable |
| RULE 1404 | 4-6-1990 | Non federally enforceable |
| RULE 2001 | 5-6-2005 | Federally enforceable |
| RULE 2004 | 4-6-2007 | Non federally enforceable |
| RULE 2004 | 5-11-2001 | Federally enforceable |
| RULE 2005 | 5-6-2005 | Federally enforceable |
| RULE 204 | 10-8-1993 | Federally enforceable |
| RULE 217 | 1-5-1990 | Federally enforceable |
| RULE 218 | 5-14-1999 | Non federally enforceable |
| RULE 218 | 8-7-1981 | Federally enforceable |
| RULE 218.1 | 5-14-1999 | Non 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 3003 | 11-14-1997 | Federally enforceable |
| RULE 3003 | 3-16-2001 | Non federally enforceable |
| RULE 3004(a)(4)-Periodic Monitoring | 12-12-1997 | Federally enforceable |
| RULE 3005 | 11-14-1997 | Federally enforceable |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

SECTION K: TITLE V Administration

| RULE SOURCE | Adopted/Amended Date | FEDERAL Enforceability |
|---------------------|-----------------------------|-------------------------------|
| RULE 3005 | 3-16-2001 | Non federally enforceable |
| RULE 3007 | 10-8-1993 | Federally enforceable |
| RULE 304 | 5-2-2008 | Non federally enforceable |
| RULE 401 | 11-9-2001 | Non federally enforceable |
| RULE 401 | 3-2-1984 | Federally enforceable |
| RULE 402 | 5-7-1976 | Non federally enforceable |
| RULE 404 | 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 464 | 12-7-1990 | Federally enforceable |
| RULE 475 | 10-8-1976 | Federally enforceable |
| RULE 475 | 8-7-1978 | Non federally enforceable |
| 40CFR 60 Subpart Db | 11-16-2006 | Federally enforceable |
| 40CFR 60 Subpart GG | 2-24-2006 | Federally enforceable |
| RULE 701 | 6-13-1997 | Federally enforceable |
| 40CFR 82 Subpart F | 5-14-1993 | Federally enforceable |

**FACILITY PERMIT TO OPERATE
RIPON COGENERATION LLC**

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

1. I.C. ENGINES, NATURAL GAS
2. I.C. ENGINES, PROPANE
4. STEAM CLEANER, KEROSENE

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-8-1996]

- (1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.
- (2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

TABLE OF STANDARDS

VOC LIMITS

Grams of VOC Per Liter of Coating, Less Water And Less Exempt Compounds

| COATING | Limit* | Effective Date of Adoption | Effective 1/1/1998 | Effective 1/1/1999 | Effective 7/1/2001 | Effective 1/1/2005 | Effective 7/1/2008 |
|------------------------------------|--------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Bond Breakers | 350 | | | | | | |
| Clear Wood Finishes | | | | | | | |
| Varnish | 350 | | | | | | |
| Sanding Sealers | 350 | | | | | | |
| Lacquer | 680 | | 550 | | | 275 | |
| Concrete-Curing Compounds | 350 | | | | | | |
| Dry-Fog Coatings | 400 | | | | | | |
| Fire-proofing Exterior Coatings | 350 | 450 | | 350 | | | |
| Fire-Retardant Coatings | | | | | | | |
| Clear | 650 | | | | | | |
| Pigmented | 350 | | | | | | |
| Flats | 250 | | | | | | |
| Graphic Arts (Sign) Coatings | 500 | | | | | 100 | 50 |
| Industrial Maintenance | | | | | | | |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-8-1996]

| | | | | | | |
|-----------------------------|-----|-----|-----|-----|-----|--|
| Primers and Topcoats | | | | | | |
| Alkyds | 420 | | | | | |
| Catalyzed Epoxy | 420 | | | | | |
| Bituminous Coatings | 420 | | | | | |
| Materials | | | | | | |
| Inorganic Polymers | 420 | | | | | |
| Vinyl Chloride Polymers | 420 | | | | | |
| Chlorinated Rubber | 420 | | | | | |
| Acrylic Polymers | 420 | | | | | |
| Urethane Polymers | 420 | | | | | |
| Silicones | 420 | | | | | |
| Unique Vehicles | 420 | | | | | |
| Japans/Faux Finishing | 350 | 700 | | 350 | | |
| Coatings | | | | | | |
| Magnesite Cement Coatings | 600 | | | 450 | | |
| Mastic Coatings | 300 | | | | | |
| Metallic Pigmented Coatings | 500 | | | | | |
| Multi-Color Coatings | 420 | | 250 | | | |
| Pigmented Lacquer | 680 | | 550 | | 275 | |
| Pre-Treatment Wash Primers | 780 | | | | | |
| Primers, Sealers, and | 350 | | | | | |
| Undercoaters | | | | | | |
| Quick-Dry Enamels | 400 | | | | | |
| Roof Coatings | 300 | | | | | |
| Shellac | | | | | | |
| Clear | 730 | | | | | |
| Pigmented | 550 | | | | | |
| Stains | 350 | | | | | |
| Swimming Pool Coatings | | | | | | |
| Repair | 650 | | | | | |
| Other | 340 | | | | | |
| Traffic Coatings | 250 | | 150 | | | |
| Waterproofing Sealers | 400 | | | | | |
| Wood Preservatives | | | | | | |
| Below-Ground | 350 | | | | | |
| Other | 350 | | | | | |

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

**FACILITY PERMIT TO OPERATE
RIPON COGENERATION LLC**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 11-8-1996]**

TABLE OF STANDARDS (cont.)

VOC LIMITS

Grams of VOC Per Liter of Material

| COATING | Limit |
|--------------------|-------|
| Low-Solids Coating | 120 |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 3-16-1984]

- (1) The operator shall not sell, offer for sale, or apply any architectural coating manufactured after December 31, 1981 which:
- (A) contains more than 250 grams of volatile organic compounds per liter of coating (2.08 pounds per gallon) excluding water and any colorant added to tint bases, except as provided in subsection (a)(2) or
 - (B) contains more than 380 grams of volatile organic compounds per liter of coating (3.17 pounds per gallon), excluding water and any colorant added to tint bases, is defined as a non-flat coating, and is manufactured prior to September 2, 1985.
 - (C) contains more than 450 grams of volatile organic compounds per liter of coatings (3.75 pounds per gallon), excluding water and any colorant added to tint bases, is defined as a non-flat coating, and is manufactured by a small business prior to March 2, 1984.
 - (D) is recommended for use as a bituminous pavement sealer unless it is an emulsion-type coating.
- (2) The operator shall not sell, offer for sale or apply any architectural specialty coating which exceeds the following limits (expressed as grams of VOC per liter of coating as applied, excluding water) manufactured after the date listed below:

| | <u>Effective</u> <u>Sept. 1, 1984</u> | <u>Effective</u> <u>Sept. 1, 1987</u> |
|---|--|--|
| Varnish | 500 | 350 |
| Lacquer | --- | 680 |
| Semi-transparent Stains | --- | 350 |
| Opaque Stains | 400 | 350 |
| Semi-transparent and Clear Wood Preservatives | --- | 350 |
| Opaque Wood Preservatives and Undercoaters | 400 | 350 |
| General Primers, Sealers and Undercoaters | 400 | 350 |
| Specialty Primers, Sealers, and Undercoaters | | 350 |
| Industrial Maintenance Primers and Topcoats | 500* | 420 |
| Dry Fog Coatings | | |
| Flats | 550 | 420 |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 3-16-1984]

| | | |
|---------------------------------|-----|-----|
| Non-Flats | 420 | 400 |
| Quick Dry Enamels | --- | 400 |
| Specialty Flats | | 400 |
| Waterproof Sealers | --- | 400 |
| Concrete Curing Compounds | | 350 |
| Roof Coatings | --- | 300 |
| Waterproofing Mastic Coatings | --- | 300 |
| Enamel Undercoaters | 450 | 350 |
| Traffic Paints | | |
| For public streets and highways | 415 | 250 |
| For other surfaces | 250 | 250 |
| Black traffic coatings | --- | 250 |

*This limit shall become effective on September 1, 1985.

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 5-14-1999]

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6) of Rule 1113, the operator shall not supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6) of Rule 1113, the operator shall not supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings for residential use; or of any rust-preventative coating for industrial use.

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 5-14-1999]

TABLE OF STANDARDS VOC LIMITS

**Grams of VOC Per Liter of Coating,
 Less Water And Less Exempt Compounds**

| COATING | Limit* | Effective 1/1/1998 | Effective 1/1/1999 | Effective 5/14/99 | Effective 7/1/2001 | Effective 7/1/2002 | Effective 1/1/2005 | Effective 7/1/2006 | Effective 7/1/2008 |
|--|--------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Bond Breakers | 350 | | | | | | | | |
| Chemical Storage Tank Coatings | 420 | | | | | | | 100 | |
| Clear Wood Finishes | | | | | | | | | |
| Varnish | 350 | | | | | | | | |
| Sanding Sealers | 350 | | | | | | | | |
| Lacquer | 680 | 550 | | | | | 275 | | |
| Concrete-Curing Compounds | 350 | | | | | | | | |
| Dry-Fog Coatings | 400 | | | | | | | | |
| Essential Public Service Coating | 420 | | | | | 340 | | 100 | |
| Fire-proofing Exterior Coatings | 450 | | 350 | | | | | | |
| Fire-Retardant Coatings | | | | | | | | | |
| Clear | 650 | | | | | | | | |
| Pigmented | 350 | | | | | | | | |
| Flats | 250 | | | | 100 | | | | 50 |
| Floor Coatings | 420 | | | | | 100 | | 50 | |
| Graphic Arts (Sign) Coatings | 500 | | | | | | | | |
| High Temperature Industrial Maintenance Coatings | | | | | | 550 | | 420 | |
| Industrial Maintenance Coatings | 420 | | | | | 250 | | 100 | |
| Japans/Faux Finishing Coatings | 700 | | 350 | | | | | | |
| Magnesite Cement Coatings | 600 | | 450 | | | | | | |
| Mastic Coatings | 300 | | | | | | | | |
| Metallic Pigmented Coatings | 500 | | | | | | | | |
| Multi-Color Coatings | 420 | 250 | | | | | | | |
| Non-Flat Coatings | 250 | | | | | 150 | | 50 | |
| Pigmented Lacquer | 680 | 550 | | | | | 275 | | |
| Pre-Treatment Wash Primers | 780 | | | | | | | | |
| Primers, Sealers, and Undercoaters | 350 | | | | | 200 | | 100 | |
| Quick-Dry Enamels | 400 | | | | | 250 | | 50 | |
| Quick-Dry Primers, Sealers, and Undercoaters | 350** | | | | | 200 | | 100 | |
| Recycled Coatings | | | | 250 | | 250 | | 100 | |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 5-14-1999]

| | | | | | | | | | |
|----------------------------|-----|-----|--|-----|--|-----|--|-----|--|
| Roof Coatings | 300 | | | 250 | | | | | |
| Bituminous Roof Coatings | 300 | | | | | 250 | | | |
| Rust Preventative Coatings | 420 | | | 400 | | | | 100 | |
| Shellac | | | | | | | | | |
| Clear | 730 | | | | | | | | |
| Pigmented | 550 | | | | | | | | |
| Specialty Primers | 350 | | | | | | | 100 | |
| Stains | 350 | | | | | 250 | | | |
| Swimming Pool Coatings | | | | | | | | | |
| Repair | 650 | | | | | | | | |
| Other | 340 | | | | | | | | |
| Traffic Coatings | 250 | 150 | | | | | | | |
| Waterproofing Sealers | | | | | | | | | |
| Wood | 400 | | | | | 250 | | | |
| Concrete/Masonry | 400 | | | | | | | | |
| Wood Preservatives | | | | | | | | | |
| Below-Ground | 350 | | | | | | | | |
| Other | 350 | | | | | | | | |

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

** The specified limit applies unless the manufacturer submits a report pursuant to Rule 1113(g)(2).

Grams of VOC Per Liter of Material

| | |
|--------------------|-------|
| COATING | Limit |
| Low-Solids Coating | 120 |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 6-9-2006]

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 6-9-2006]

TABLE OF STANDARDS VOC LIMITS

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

| COATING CATEGORY | Ceiling Limit* | Current Limit | Effective Date | | | | | |
|---|----------------|---------------|----------------|--------|--------|--------|--------|--------|
| | | | 1/1/03 | 1/1/04 | 1/1/05 | 7/1/06 | 7/1/07 | 7/1/08 |
| Bond Breakers | 350 | | | | | | | |
| Clear Wood Finishes | 350 | | | | | 275 | | |
| Varnish | 350 | | | | | 275 | | |
| Sanding Sealers | 350 | | | | | 275 | | |
| Lacquer | 680 | 550 | | | 275 | | | |
| Clear Brushing Lacquer | 680 | | | | 275 | | | |
| Concrete-Curing Compounds | 350 | | | | | | 100 | |
| Concrete-Curing Compounds For Roadways and Bridges** | 350 | | | | | | | |
| Dry-Fog Coatings | 400 | | | | | | 150 | |
| Fire-Proofing Exterior Coatings | 450 | 350 | | | | | | |
| Fire-Retardant Coatings*** | | | | | | | | |
| Clear | 650 | | | | | | | |
| Pigmented | 350 | | | | | | | |
| Flats | 250 | 100 | | | | | | 50 |
| Floor Coatings | 420 | | 100 | | | 50 | | |
| Graphic Arts (Sign) Coatings | 500 | | | | | | | |
| Industrial Maintenance (IM) Coatings | 420 | | | 250 | | 100 | | |
| High Temperature IM Coatings | | | 420 | | | | | |
| Zinc-Rich IM Primers | 420 | | 340 | | | 100 | | |
| Japans/Faux Finishing Coatings | 700 | 350 | | | | | | |
| Magnesite Cement Coatings | 600 | 450 | | | | | | |
| Mastic Coatings | 300 | | | | | | | |
| Metallic Pigmented Coatings | 500 | | | | | | | |
| Multi-Color Coatings | 420 | 250 | | | | | | |
| Nonflat Coatings | 250 | | 150 | | | 50 | | |
| Nonflat High Gloss | 250 | | 150 | | | | 50 | |
| Pigmented Lacquer | 680 | 550 | | | 275 | | | |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 6-9-2006]

| COATING CATEGORY | Ceiling Limit* | Current Limit | Effective Date | | | | | |
|--|----------------|---------------|----------------|--------|--------|--------|--------|--------|
| | | | 1/1/03 | 1/1/04 | 1/1/05 | 7/1/06 | 7/1/07 | 7/1/08 |
| Pre-Treatment Wash Primers | 780 | | 420 | | | | | |
| Primers, Sealers, and Undercoaters | 350 | | 200 | | | 100 | | |
| Quick-Dry Enamels | 400 | | 250 | | | 150 | 50 | |
| Quick-Dry Primers, Sealers, and Undercoaters | 350 | | 200 | | | 100 | | |
| Recycled Coatings | | | 250 | | | | | |
| Roof Coatings | 300 | | 250 | | 50 | | | |
| Roof Coatings, Aluminum | 500 | | | | 100 | | | |
| Roof Primers, Bituminous | 350 | | 350 | | | | | |
| Rust Preventative Coatings | 420 | | 400 | | | 100 | | |
| Shellac | | | | | | | | |
| Clear | 730 | | | | | | | |
| Pigmented | 550 | | | | | | | |
| Specialty Primers | 350 | | | | | 250 | 100 | |
| Stains | 350 | | 250 | | | | 100 | |
| Stains, Interior | 250 | | | | | | | |
| Swimming Pool Coatings | | | | | | | | |
| Repair | 650 | | 340 | | | | | |
| Other | 340 | | | | | | | |
| Traffic Coatings | 250 | 150 | | | | | 100 | |
| Waterproofing Sealers | 400 | | 250 | | | 100 | | |
| Waterproofing Concrete/Masonry Sealers | 400 | | | | | 100 | | |
| Wood Preservatives | | | | | | | | |
| Below-Ground | 350 | | | | | | | |
| Other | 350 | | | | | | | |

FACILITY PERMIT TO OPERATE

RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 6-9-2006]

- * The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.
- ** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.
- *** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.

TABLE OF STANDARDS (cont.) VOC LIMITS

Grams of VOC Per Liter of Material

| COATING | Limit |
|--------------------|-------|
| Low-Solids Coating | 120 |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-8-1999]

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

| | Current limits | | Effective 12/1/2001 | Effective 7/1/2005 |
|---|------------------------|--|------------------------|------------------------|
| | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) | VOC g/l (lb/gal) | VOC g/l (lb/gal) |
| SOLVENT CLEANING ACTIVITY | | | | |
| (A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application | | | | |
| (i) General | 70 (0.58) | | 50 (0.42) | 25 (0.21) |
| (ii) Electrical Apparatus Components & Electronic Components | 900 (7.5) | 33 | 500 (4.2) | 100 (0.83) |
| (iii) Medical Devices & Pharmaceuticals | 900 (7.5) | 33 | 800 (6.7) | 800 (6.7) |
| (B) Repair and Maintenance Cleaning | | | | |
| (i) General | 50 (0.42) | | 50 (0.42) | 25 (0.21) |
| (ii) Electrical Apparatus Components & Electronic Components | 900 (7.5) | 20 | 900 (7.5) | 100 (0.83) |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-8-1999]

| | Current limits | | Effective 12/1/2001 | Effective 7/1/2005 |
|--|------------------------|--|------------------------|------------------------|
| | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) | VOC g/l (lb/gal) | VOC g/l (lb/gal) |
| SOLVENT CLEANING ACTIVITY | | | | |
| (iii) Medical Devices & Pharmaceuticals | 900 (7.5) | 33 | | |
| (I) Tools, Equipment, & Machinery | | | 800 (6.7) | 800 (6.7) |
| (II) General Work Surfaces | | | 600 (5.0) | 600 (5.0) |
| (C) Cleaning of Coatings, or Adhesives Application Equipment | 950 (7.9) | 35 | 550 (4.6) | 25 (0.21) |
| (D) Cleaning of Ink Application Equipment | | | | |
| (i) General | 100 (0.83) | 3 | 50 (0.42) | 25 (0.21) |
| (ii) Flexographic Printing | 100 (0.83) | 3 | 50 (0.42) | 25 (0.21) |
| (iii) Gravure Printing | | | | |
| (I) Publication | 900 (7.5) | 25 | 750 (6.3) | 100 (0.83) |
| (II) Packaging | 100 (0.83) | 3 | 50 (0.42) | 25 (0.21) |
| (iv) Lithographic or Letter Press Printing | | | | |
| (I) Roller Wash – Step 1 | 900 | 10 | 600 (5.0) | 100 (0.83) |

**FACILITY PERMIT TO OPERATE
 RIPON COGENERATION LLC**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 10-8-1999]**

| SOLVENT CLEANING ACTIVITY | Current limits | | Effective 12/1/2001 | Effective 7/1/2005 |
|---|------------------------|--|------------------------|------------------------|
| | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) | VOC g/l (lb/gal) | VOC g/l (lb/gal) |
| (II) Roller Wash- Step 2, Blanket Wash, & On- Press Components | 900 | 10 | 800 (6.7) | 100 (0.83) |
| (III) Removable Press Components | | | 50 (0.42) | 25 (0.21) |
| (v) Screen Printing | 1070 (8.9) | 5 | 750 (6.3) | 100 (0.83) |
| (vi) Ultraviolet Ink Application Equipment (except screen printing) | 800 (6.7) | 33 | 800 (6.7) | 100 (0.83) |
| (vii) Specialty Flexographic Printing | 810 (6.8) | 21 | 600 (5.0) | 100 (0.83) |
| (E) Cleaning of Polyester Resin Application Equipment | 50 (0.42) | | 50 (0.42) | 25 (0.21) |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-7-2003]

(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) |
| (iii) Medical Devices & Pharmaceuticals | |
| (A) Tools, Equipment, & Machinery | 800 (6.7) |
| (B) General Work Surfaces | 600 (5.0) |

**FACILITY PERMIT TO OPERATE
 RIPON COGENERATION LLC**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 11-7-2003]**

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS |
|---|------------------------|
| | VOC g/l (lb/gal) |
| (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 | |
| (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) |

**FACILITY PERMIT TO OPERATE
RIPON COGENERATION LLC**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-7-2003]**

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS |
|---|------------------------|
| | VOC g/l (lb/gal) |
| (vii) Specialty Flexographic Printing | 600 (5.0) |
| (E) Cleaning of Polyester Resin Application Equipment | 25 (0.21) |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 6-13-1997]

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS | | Effective 1/1/1999 | |
|--|------------------------|---|------------------------|---|
| | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) |
| (A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application | | | | |
| (i) General | 70 (0.58) | | | |
| (ii) Electronic Components or Medical Devices | 900 (7.5) | 33 | | |
| (B) Repair and Maintenance Cleaning | | | | |
| (i) General | 900 (7.5) | 20 | 50 (0.42) | |
| (ii) Electrical Apparatus Components | 900 (7.5) | 20 | | |
| (iii) Medical Devices | 900 (7.5) | 33 | | |
| (C) Cleaning of Coatings, or Adhesives Application Equipment | 950 (7.9) | 35 | | |
| (D) Cleaning of Ink Application Equipment | | | | |
| (i) General | 100 (0.83) | 3 | | |
| (ii) Flexographic or Gravure Printing | 100 (0.83) | 3 | | |
| (iii) Lithographic or Letter Press Printing | 900 (7.5) | 25 | | 10 |
| (iv) Screen Printing | 1070 (8.9) | 5 | | |
| (v) Ultraviolet Inks (except screen printing) | 800 (6.7) | 33 | | |
| (vi) Specialty Flexographic Printing | 810 (6.8) | 21 | | |

**FACILITY PERMIT TO OPERATE
 RIPON COGENERATION LLC**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 6-13-1997]**

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS | | Effective 1/1/1999 | |
|--|------------------------|---|------------------------|---|
| | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) | VOC g/l (lb/gal) | VOC Composite Partial Pressure mm Hg @ 20°C (68°F) |
| (E) Cleaning of Polyester Resin Application Equipment | 50 (0.42) | | | |
| or | | 1 | | |

FACILITY PERMIT TO OPERATE RIPON COGENERATION LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 7-14-2006]

(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 1/1/2008 |
|--|---------------------------------|---------------------------------|
| 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
 RIPON COGENERATION LLC**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 7-14-2006]**

| | CURRENT LIMITS* | EFFECTIVE 1/1/2008 |
|---|---------------------------------|---------------------------------|
| 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 | | |
| (I) Newsprint | 100 (0.83) | |

**FACILITY PERMIT TO OPERATE
 RIPON COGENERATION LLC**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 7-14-2006]**

| | CURRENT LIMITS* | EFFECTIVE 1/1/2008 |
|--|---------------------------------|---------------------------------|
| SOLVENT CLEANING ACTIVITY (cont.) | VOC g/l (lb/gal) | VOC g/l (lb/gal) |
| (II) Other Substrates | 500 (4.2) | 100 (0.83) |
| (B) Removable Press Components | 25 (0.21) | |
| (v) Screen Printing | 500 (4.2) | 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.