



# South Coast Air Quality Management District

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



April 16, 2008

Wayne T. Kawamoto  
Corona Energy Partners, LTD  
1130 W. Rincon Street  
Corona, CA 92880

Dear Mr. Kawamoto:

Attached please find the revised version of Sections A and D of the Facility Permit (ID# 68042) for the equipment located at Corona Energy Partners, LTD, 1130 W. Rincon Street, Corona, CA. The corresponding application numbers are summarized in the table below:

Application	Description
474021	Title V/RECLAIM Administrative permit revision – change of responsible official
478900	Title V/RECLAIM Administrative permit revision – removal of boiler #1 (D1) from permit

Please review the attached Sections A and D carefully, then insert the enclosed section into your Facility Permit and discard the earlier version. Questions concerning changes to your permit should be directed to Mr. Li Chen at (909) 396-2426.

Sincerely,

*Michael D. Mills*

Michael D. Mills, P.E.  
Senior Manager  
General Commercial and Energy Permitting  
Engineering and Compliance

cc: Ed Pupka – SCAQMD Compliance  
Gerardo Rios, USEPA  
Energy Unit Files  
Records

*Cleaning the air that we breathe.*



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 Copley Drive, Diamond Bar, CA 91765

Title Page  
Facility I.D.#: 068042  
Revision #: 23  
Date: April 16, 2008

## FACILITY PERMIT TO OPERATE

**CORONA ENERGY PARTNERS, LTD  
1130 W RINCON ST  
CORONA, CA 92880**

### 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 Mike Mills for  
Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering & Compliance



**FACILITY PERMIT TO OPERATE  
CORONA ENERGY PARTNERS, LTD**

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**FACILITY PERMIT TO OPERATE  
CORONA ENERGY PARTNERS, LTD**

**SECTION A: FACILITY INFORMATION**

LEGAL OWNER &/OR OPERATOR: CORONA ENERGY PARTNERS, LTD

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 1130 W RINCON ST  
CORONA, CA 92880

MAILING ADDRESS: 1130 W RINCON ST  
CORONA, CA 92880-9601

RESPONSIBLE OFFICIAL: WAYNE KAWAMOTO

TITLE: PLANT MANAGER

TELEPHONE NUMBER: (951) 272-0612

CONTACT PERSON: WAYNE KAWAMOTO

TITLE: PLANT MANAGER

TELEPHONE NUMBER: (951) 272-0612

TITLE V PERMIT ISSUED: May 20, 2004

TITLE V PERMIT EXPIRATION DATE: May 19, 2009

TITLE V RECLAIM

YES NOx: YES  
SOx: NO  
CYCLE: 2  
ZONE: INLAND



**FACILITY PERMIT TO OPERATE  
CORONA ENERGY PARTNERS, LTD**

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1 : EXTERNAL COMBUSTION</b>					
BOILER, NO. 2, FUEL OIL NO. 2, NATURAL GAS, NEBRASKA, MODEL NO. NS-C42, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 37.16 MMBTU/HR WITH A/N: 386071	D2		NOX: LARGE SOURCE**	CO: 400 PPMV (5B) [RULE 1146,11-17-2000] ; CO: 100 PPMV (5) [RULE 1303(b)(2)-Offset,5-10-1996;RULE 1303(b)(2)-Offset,12-6-2002]  CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; NOX: 36 PPMV FUEL OIL 2 (3) [RULE 2012,5-11-2001;RULE 2012,12-5-2003]  NOX: 37 PPMV NATURAL GAS (3) [RULE 2012,5-11-2001;RULE 2012,12-5-2003] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]  SOX: 500 PPMV FUEL OIL 2 (5) [RULE 407,4-2-1982]	A63.1, B59.1, B75.1, C1.1, D12.1, D328.1, D371.1, E73.1, E204.1, E226.1, H421.1, K67.1
BURNER, FUEL OIL NO. 2, NATURAL GAS, COEN, MODEL 430 CPF-17, WITH LOW NOX BURNER, 37.16 MMBTU/HR					
<b>Process 2 : STORAGE TANKS</b>					
<b>System 1 : HYDROCHLORIC ACID</b>					
STORAGE TANK, NO. TK-01-015, HYDROCHLORIC ACID, 7950 GALS; DIAMETER: 9 FT; LENGTH: 14 FT A/N: 216710	D3	C4			

\* (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  
CORONA ENERGY PARTNERS, LTD**

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2 : STORAGE TANKS</b>					
SCRUBBER, PACKED BED A/N: 216710	C4	D3 C5			C8.1, K67.5
MIST ELIMINATOR A/N: 216710	C5	C4			
<b>System 2 : AMMONIA STORAGE</b>					
STORAGE TANK, AMMONIA, 12500 GALS A/N: 229388	D7				
<b>Process 3 : COGENERATION</b>					
TURBINE, NATURAL GAS, GENERAL ELECTRIC, MODEL LM-5000, WITH STEAM OR WATER INJECTION, 445.99 MMBTU/HR WITH A/N: 424157	D8	C9	NOX: MAJOR SOURCE**	CO: 60 PPMV NATURAL GAS (5A) [RULE 1303(b)(2)- Offset,5-10-1996;RULE 1303(b)(2)- Offset,12-6-2002] ; CO: 9.2 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10- 1996  RULE 1303(a)(1)-BACT,12-6- 2002] ; CO: 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; NOX: 9 PPMV NATURAL GAS (4) [RULE 2005,4-20-2001].  NOX: 115 PPMV (8) [40CFR 60 Subpart GG,3-6-1981] ; PM: 11 LBS/HR (5C) [RULE 475,10-8-1976;RULE 475,8-7-1978]	A63.1, A63.2, A99.1, A99.2, A327.1, C8.2, D82.1, E73.2, E226.2, K67.2

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

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



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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 3 : COGENERATION</b>					
BOILER, UNFIRED, HEAT RECOVERY  COOLER, CENTRIFUGAL CHILLER, YORK MODEL YKTF7B14-DJES, 2,000 TONS				PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981] ; PM: 0.01 GRAINS/SCF (5B) [RULE 475,10-8-1976;RULE 475,8-7-1978]  SOX: 150 PPMV (8) [40CFR 60 Subpart GG,3-6-1981]	
OXIDIZER, CATALYTIC A/N: 229388	C9	D8 C10			
SELECTIVE CATALYTIC REDUCTION, WIDTH: 16 FT 5 IN; HEIGHT: 39 FT; LENGTH: 3 FT 1 IN WITH A/N: 229388  AMMONIA INJECTION, WITH ELECTRIC VAPORIZER	C10  C11	C9 S12		NH3: 20 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002]	D28.1, E73.3, K40.1, K67.3
STACK A/N: 424157	S12	C10			

\* (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  
CORONA ENERGY PARTNERS, LTD**

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 4 : Rule 219 Exempt Equipment Subject To Source Specific Rules</b>					
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS	E16				H23.1
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E17				H23.2
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E18			<b>ROG: (9) [RULE 1113,11-8-1996;RULE 1113,12-5-2003;RULE 1171,8-2-2002;RULE 1171,11-7-2003]</b>	K67.4
RULE 219 EXEMPT EQUIPMENT, HALON UNIT	E19				H23.3

\* (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  
CORONA ENERGY PARTNERS, LTD**

**SECTION D: DEVICE ID INDEX**

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



**FACILITY PERMIT TO OPERATE  
CORONA ENERGY PARTNERS, LTD**

**SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D2	1	1	0
D3	1	2	1
C4	2	2	1
C5	2	2	1
D7	2	2	2
D8	2	3	0
C9	3	3	0
C10	3	3	0
C11	3	3	0
S12	3	3	0
E16	4	4	0
E17	4	4	0
E18	4	4	0
E19	4	4	0



## FACILITY PERMIT TO OPERATE CORONA ENERGY PARTNERS, LTD

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

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

#### FACILITY CONDITIONS

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

- (a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or
- (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

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

F14.1 The operator shall not use fuel oil containing sulfur compounds in excess of 0.05 percent 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.

This condition shall become effective on or after June 1, 2004.

[RULE 431.2, 9-15-2000]

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

- a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).
- b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

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

#### DEVICE CONDITIONS



**FACILITY PERMIT TO OPERATE  
CORONA ENERGY PARTNERS, LTD**

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

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

**A. Emission Limits**

A63.1 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 226 LBS IN ANY ONE DAY

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from equipment Device D8 (turbine), Device D1 & D2 (boilers).

The operator shall calculate the emission limit(s) based on the sum of the CO CEMS readings from the turbine plus CO emissions from the boilers [calculated using the daily fuel usage from the boilers in mmbtu/day and emission factor of .0751 lb/mmbtu.]

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

[Devices subject to this condition : D2, D8]

A63.2 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
Total hydrocarbon	Less than or equal to 64 LBS PER DAY
SOX	Less than or equal to 7 LBS PER DAY
PM	Less than or equal to 54 LBS PER DAY

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

[Devices subject to this condition : D8]



## FACILITY PERMIT TO OPERATE CORONA ENERGY PARTNERS, LTD

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

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

- A99.1 The 9.2 PPM CO emission limit(s) shall not apply when gas turbine is in start-up or shut-down mode. During start-up or shut-down, CO concentration shall not exceed 60 PPMV.

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

[Devices subject to this condition : D8]

- A99.2 The 9 PPM NOX emission limit(s) shall not apply when the gas turbine is in start-up or shutdown mode. During start-up or shutdown, the NOx concentration shall not exceed 55 ppmv.

[RULE 2005, 4-20-2001]

[Devices subject to this condition : D8]

- 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 : D8]

### B. Material/Fuel Type Limits

- B59.1 The operator shall only use the following material(s) in this device :

natural gas

see also Condition E226.1

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

[Devices subject to this condition : D2]



## FACILITY PERMIT TO OPERATE CORONA ENERGY PARTNERS, LTD

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

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

B75.1 The operator shall not use fuel oil in this equipment except under the following circumstance(s):

Natural gas curtailment

Maintenance testing

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

[Devices subject to this condition : D2]

#### C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the natural gas fuel usage to no more than 25.74 MM cubic feet per month.

This condition shall only apply when the boilers are operated simultaneously with the gas turbine.

For the purpose of this condition, the fuel usage shall be defined as the total natural gas usage of both boilers D1 and D2.

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

[Devices subject to this condition : D2]

C8.1 The operator shall use this equipment in such a manner that the flow rate being monitored, as indicated below, is not less than 2 gpm.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate in the liquid supply line to the scrubber.

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

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

[Devices subject to this condition : C4]



## FACILITY PERMIT TO OPERATE CORONA ENERGY PARTNERS, LTD

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

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

- C8.2 The operator shall use this equipment in such a manner that the steam-to-fuel ratio being monitored, as indicated below, is not less than 0.8 to 1 ratio.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 3 months.

To comply with this condition, the operator shall install and maintain a(n) continuous monitoring system to accurately indicate the steam-to-fuel ratio in the turbine.

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

The operator shall also follow Condition E226.2 for applicability of this condition.

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

[Devices subject to this condition : D8]

#### D. Monitoring/Testing Requirements

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

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

[Devices subject to this condition : D2]



## FACILITY PERMIT TO OPERATE CORONA ENERGY PARTNERS, LTD

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

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

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

The test shall be conducted at least annually.

The test shall be conducted to determine the NH<sub>3</sub> emissions at the outlet.

The District shall be notified of the date and time of the test at least 7 days prior to the test.

The test shall be conducted to determine the NH<sub>3</sub> emissions using CARB method 117SC measured over a 30 minute averaging time period.

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

[Devices subject to this condition : C10]

D82.1 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

NOX concentration in ppmv

O<sub>2</sub> concentration in ppmv

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

The CEMS will convert the actual NOX and CO concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : D8]



## FACILITY PERMIT TO OPERATE CORONA ENERGY PARTNERS, LTD

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

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

D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with 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 : D2]

D371.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever this equipment has combusted one million gallons of diesel fuel, to be counted cumulatively over a five year period. The inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall:

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 working days (or during the next fuel oil firing period if the unit ceases firing on fuel oil within the three working day time frame) and report any deviations to AQMD.

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

- a). Stack or emission point identification;
- b). Description of any corrective actions taken to abate visible emissions;
- c). Date and time visible emission was abated; and
- d). Visible emission observation record by a certified smoke reader.

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

[Devices subject to this condition : D2]

### E. Equipment Operation/Construction Requirements



**FACILITY PERMIT TO OPERATE  
CORONA ENERGY PARTNERS, LTD**

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

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

- E73.1 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use FGR if any of the following requirement(s) are met:

boiler fuel valve is below the third screw

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

[Devices subject to this condition : D2]

- E73.2 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use steam injection if any of the following requirement(s) are met:

turbine load is less than 12 MW

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

[Devices subject to this condition : D8]

- E73.3 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection if any of the following requirement(s) are met:

Inlet flue gas temperature to the SCR catalyst is below 600 Deg F.

Load of the gas turbine is below 12 MW

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

[Devices subject to this condition : C10]

- E204.1 The operator shall conduct a boiler lancing according to the following specifications:

lancing is limited to less than a total of 3 minutes in any one day

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

[Devices subject to this condition : D2]



**FACILITY PERMIT TO OPERATE  
CORONA ENERGY PARTNERS, LTD**

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

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

E226.1 The following condition number(s) shall only apply if all of the requirement(s) stated below are met:

Requirement 1: when boiler D2 is operating simultaneously with the gas turbine.

Condition Number B 59- 1

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

[Devices subject to this condition : D2]

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

Requirement 1: when cogeneration system is in operation, except during start-up and shutdown

Condition Number C 8- 2

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

[Devices subject to this condition : D8]

**H. Applicable Rules**

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 : E16]



**FACILITY PERMIT TO OPERATE  
CORONA ENERGY PARTNERS, LTD**

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

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

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

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

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

[Devices subject to this condition : E17]

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

Contaminant	Rule	Rule/Subpart
Halon	District Rule	1418

[RULE 1418, 9-10-1999]

[Devices subject to this condition : E19]

H421.1 The operator shall determine compliance with Rule 409 by complying with the tune-up requirements of Rule 1146, whenever the annual fuel oil usage exceeds 1 MM gallons in any one year or the hours of operations on fuel oil exceeds 336 hours in any one year. If annual fuel oil usage exceeds 2 MM gallons in any one year, the operator shall also conduct a source test to determine PM emissions using District method 5.1 measured over a 15 minute averaging time period at least once every five years and with this equipment fired on fuel oil and operating at normal load.

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

[Devices subject to this condition : D2]

**K. Record Keeping/Reporting**



**FACILITY PERMIT TO OPERATE  
CORONA ENERGY PARTNERS, LTD**

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

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

K40.1 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 30 days after the source test was conducted.

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

[Devices subject to this condition : C10]

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

daily fuel usage

hourly steam production

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

[Devices subject to this condition : D2]

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

fuel usage

ammonia usage

steam to fuel mass ratio

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

[Devices subject to this condition : D8]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Ammonia usage

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

[Devices subject to this condition : C10]



**FACILITY PERMIT TO OPERATE  
CORONA ENERGY PARTNERS, LTD**

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

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

K67.4 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 : E18]

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

The pH and the flow rate of the water to the scrubber whenever the scrubber is operated

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

[Devices subject to this condition : C4]