FACILITY PERMIT TO OPERATE

WHEELABRATOR NORWALK ENERGY CO INC
11500 BALSAM ST
NORWALK, CA 90650

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

FACILITY PERMIT TO OPERATE
WHEELABRATOR NORWALK ENERGY CO INC

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
System 1: I. C. ENGINE; EMERGENCY POWER					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CUMMINS, MODEL V504F2, NATURALLY ASPIRATED, 187 HP A/N: 256286	D1		NOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.1, D12.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NT855G2, WITH TURBOCHARGER, 355 HP A/N: 256287	D2		NOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.1, D12.1
System 2: COGEN TURBINE					

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

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

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
GAS TURBINE, NATURAL GAS, GENERAL ELECTRIC, MODEL LM2500, LOW CARBON MONOXIDE FUEL NOZZLES, 246 MMBTU/HR WITH A/N: 539543	D4		NOX: MAJOR SOURCE**	**CO**: 60 LBS/HR (5) **[RULE 1303(b)(2)-Offset, 5-10-1996;** *RULE 1303(b)(2)-Offset, 12-6-2002*]; **CO**: 200 PPMV (5A) **[RULE 1303(b)(2)-Offset, 5-10-1996;** *RULE 1303(b)(2) -Offset, 12-6-2002*]; **CO**: 2000 PPMV (5B) **[RULE 407, 4-2-1982]**; **NMHC**: 7 LBS/HR (5) **[RULE 1303(b)(2)-Offset, 5-10-1996;** *RULE 1303(b)(2) -Offset, 12-6-2002*]; **NOX**: 42 PPMV (4) **[RULE 2005, 6-3-2011]**; **NOX**: 106 PPMV (8) **[40CFR 60 Subpart GG, 3-6-1981]**; **PM**: 0.01 GRAINS/SCF (5B) **[RULE 475, 10-8-1976;** *RULE 475, 8-7-1978*]; **PM**: 0.1 GRAINS/SCF (5A) **[RULE 409, 8-7-1981]**; **PM**: 3.1 LBS/HR (5) **[RULE 1303(b)(2) -Offset, 5-10-1996;** *RULE 1303(b)(2)-Offset, 12-6-2002*]; **PM**: 11 LBS/HR (5C) **[RULE 475, 10-8-1976;** *RULE 475, 8-7-1978*]; **SOX**: 150 PPMV (8) **[40CFR 60 Subpart GG, 3-6-1981]**	A63.1, A63.2, A99.1, A195.1, A327.1, C1.2, C1.3, C4.1, D12.2, D28.1, D82.1, D328.2, E51.1, E51.2, E71.1, E80.1, M333.1
GENERATOR, ELECTRIC, 23 MW					
BOILER, UNFIRED					
STEAM TURBINE, STEAM					

* (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 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					
GENERATOR, ELECTRIC, 7.75 MW					
Process 2: EXTERNAL COMBUSTION					
BOILER, NO. 1, NATURAL GAS, UNILUX, MODEL 2250HS, WITH LOW NOX BURNER, 26.249 MMBTU/HR WITH A/N: 497190 BURNER, NATURAL GAS, TRANSJET, WITH LOW NOX BURNER, 26.249 MMBTU/HR	D6		NOX: LARGE SOURCE**	**CO**: 400 PPMV (5) **[RULE 1146, 11-17-2000]**; **CO**: 2000 PPMV (5A) **[RULE 407, 4-2-1982]**; **NOX**: 39 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]**	A63.1, A63.3, D12.3, D328.1, E51.3, E80.2, K67.1, M333.2
BOILER, NO. 2, FUEL OIL, NATURAL GAS, UNILUX, MODEL 2250HS, WITH LOW NOX BURNER, 26.249 MMBTU/HR WITH A/N: 539544 BURNER, FUEL OIL, NATURAL GAS, TRANSJET, WITH LOW NOX BURNER, 26.249 MMBTU/HR	D7		NOX: LARGE SOURCE**	**CO**: 400 PPMV (5) **[RULE 1146, 11-17-2000]**; **CO**: 2000 PPMV (5A) **[RULE 407, 4-2-1982]**; **NOX**: 39 PPMV NATURAL GAS (3) **[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]**; **NOX**: 40 PPMV FUEL OIL (3) **[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]**; **PM**: 0.1 GRAINS/SCF (5) **[RULE 409, 8-7-1981]**; **SO2**: 500 PPMV FUEL OIL (5) **[RULE 407, 4-2-1982]**	A63.1, A63.3, A63.4, B75.1, D12.3, D328.1, D371.1, E51.3, E80.2, E226.1, E226.2, H421.1, K67.2, M333.2

* (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.

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: RULE 219 EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS	E15				H23.4
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E16			**VOC**: (9) [RULE **1171, 8-2-2002; RULE 1171, 11-7-2003]**	H23.1
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E17			**VOC**: (9) [RULE 1171, 8-2-2002; **RULE 1171, 11-7-2003]**	
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E18				H23.2
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E19			**VOC**: (9) **[RULE 1107, 11-9-2001;** RULE 1171, 8-2-2002; **RULE 1171, 11-7-2003]**	H23.3
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E20			**VOC**: (9) **[RULE 1113, 11-8-1996;** *RULE 1113, 12-5-2003;* RULE 1171, 8-2-2002; **RULE 1171, 11-7-2003]**	K67.3
RULE 219 EXEMPT EQUIPMENT, DIESEL FUEL STORAGE TANK, 20,000 GALLONS	E21				M333.3

* (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.

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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

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E16	4	3	0
E17	4	3	0
E18	4	3	0
E19	4	3	0
E20	4	3	0
E21	4	3	0

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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 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]

F14.2 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]

DEVICE CONDITIONS

A. Emission Limits

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:

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

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 863 LBS IN ANY ONE DAY
PM	Less than or equal to 74 LBS IN ANY ONE DAY
ROG	Less than or equal to 170 LBS IN ANY ONE DAY

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from equipment D4, D6, and D7.

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

[Devices subject to this condition : D4, D6, D7]

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

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 84 LBS IN ANY ONE DAY
ROG	Less than or equal to 14 LBS IN ANY ONE DAY

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from start-up (which shall not exceed 2 hours in any one day) and shut-down (which shall not exceed 20 minutes in any one day) only.

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

[Devices subject to this condition : D4]

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

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 67 LBS IN ANY ONE DAY
PM	Less than or equal to 5 LBS IN ANY ONE DAY
ROG	Less than or equal to 3 LBS IN ANY ONE DAY
SOX	Less than or equal to 1 LBS IN ANY ONE DAY

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

[Devices subject to this condition : D6, D7]

A63.4 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 67 LBS IN ANY ONE DAY
PM	Less than or equal to 9 LBS IN ANY ONE DAY
ROG	Less than or equal to 5 LBS IN ANY ONE DAY
SOX	Less than or equal to 33 LBS IN ANY ONE DAY

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

[Devices subject to this condition : D7]

A99.1 The 42 PPM NOX emission limit(s) shall not apply during start-ups and shutdowns.

During start up and shutdown, the NOx emissions shall not exceed 112 lbs/hr.

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 2005, 6-3-2011]

[Devices subject to this condition : D4]

A195.1 The 42 PPMV NOX emission limit(s) is averaged over 15 minutes at 15 percent O2, dry.

The limit shall not apply for up to eight 15 minute averages above 42 ppm at 15 percent O2, dry in any rolling 12 month period when 1) a sudden load change results in activation of a plant automatic safety or equipment protection system and 2) the 15 minute average NOx emissions above 42 ppm, at 15 percent O2, dry did not occur as a result of operator neglect, improper operation, or maintenance, or qualified breakdown under Rule 2004(i)..

The 15 minute average NOx concentration for these excursion periods shall not exceed 145 ppm, at 15 percent O2, dry.

[RULE 2005, 6-3-2011]

[Devices subject to this condition : D4]

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 : D4]

B. Material/Fuel Type Limits

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

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Natural gas curtailment

Readiness testing not to exceed 185 gallons of fuel oil burned per calendar month, a one-time test using up to 740 gallons of fuel oil may be performed within 180 days of the date of this permit (Section D Revision 20). There shall be no more than 2,220 gallons of oil firing in any 12 month period.

RECLAIM source testing and/or operating time needed to meet other SCAQMD required testing which cannot reasonably be completed during the readiness testing.

Fuel oil sulfur content shall not exceed 15 ppm

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

[Devices subject to this condition : D7]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

[RULE 1110.2, 11-14-1997; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-11-2001; RULE 2012, 12-5-2003**]

[Devices subject to this condition : D1, D2]

C1.2 The operator shall limit the duration of startup to no more than 2 hour(s).

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

[Devices subject to this condition : D4]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.3 The operator shall limit the duration of shutdown to no more than 20 minute(s).

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

[Devices subject to this condition : D4]

C4.1 The operator shall limit the load to no less than 50 percent.

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

[Devices subject to this condition : D4]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1110.2, 11-14-1997; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-11-2001; RULE 2012, 12-5-2003**]

[Devices subject to this condition : D1, D2]

D12.2 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.

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:

[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 : D4]

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

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : D6, D7]

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

The test shall be conducted at least once during the life of the permit.

The test shall be conducted to determine the ROG emissions at the outlet.

The test shall be conducted to determine the ROG emissions using District Method 25.3 measured over a 60 minute averaging time period.

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

[Devices subject to this condition : D4]

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

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

CO concentration in ppmv

O2 concentration in percent

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

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

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

[Devices subject to this condition : D4]

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 1146 emission 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 : D6, D7]

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 emission limits. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D4]

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 : D7]

E. Equipment Operation/Construction Requirements

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E51.1 The following condition number(s) shall not apply if any of the requirements stated below are met:

Condition Number C 4- 1

Requirement number 1: startups

Requirement number 2: shutdown

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

[Devices subject to this condition : D4]

E51.2 The following condition number(s) shall not apply if any of the requirements stated below are met:

Condition Number E 80- 1

Requirement number 1: startups

Requirement number 2: shutdowns

Requirement number 3: during annual utility test and local utility or California Independent System Operator grid emergency conditions when maximum plant output is required, only to the extent necessary to meet the thermal load demand of the hospital

Requirement number 4: Operational readiness testing, including, but not limited to : weekly and monthly checks and repair verification of boiler pressure parts or control system

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

[Devices subject to this condition : D4]

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:

E51.3 The following condition number(s) shall not apply if any of the requirements stated below are met:

Condition Number E 80- 2

Requirement number 1: startups or shutdowns of the cogeneration gas turbine (device D4)

Requirement number 2: source testing of this boiler or performance of tune-ups

Requirement number 3: during annual utility test and local utility or California Independent System Operator grid emergency conditions when maximum plant output is required, but only to the extent necessary to meet the thermal load demand of the hospital

Requirement number 4: operational readiness testing, including, but not limited to: weekly and monthly checks and repair verification of boiler pressure parts or control systems

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

[Devices subject to this condition : D6, D7]

E71.1 The operator shall only operate this equipment using steam injection during normal operation of the turbine, excluding start-ups and/or shut downs.

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

[Devices subject to this condition : D4]

E80.1 The operator shall not use this equipment when any of the following equipment are operating:

FACILITY PERMIT TO OPERATE
WHEELABRATOR NORWALK ENERGY CO INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Device ID: D6 [BOILER, NO. 1]

Device ID: D7 [BOILER, NO. 2]

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

[Devices subject to this condition : D4]

E80.2 The operator shall not use this equipment when any of the following equipment are operating:

Device ID: D4 [TURBINE, LOW CARBON MONOXIDE FUEL NOZZLES]

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

[Devices subject to this condition : D6, D7]

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

Requirement 1: When the equipment is operating on natural gas.

Condition Number A 63- 3

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

[Devices subject to this condition : D7]

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

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

Requirement 1: When the equipment is operating on fuel oil.

Condition Number A 63- 4

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

[Devices subject to this condition : D7]

H. Applicable Rules

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

[**RULE 1122, 7-11-1997;** RULE 1122, 12-6-2002]

[Devices subject to this condition : E16]

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 : E18]

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

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

[RULE 109, 5-2-2003]

[Devices subject to this condition : E19]

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

Contaminant	Rule	Rule/Subpart
Chromium, Hexavalent	District Rule	1404

[RULE 1401, 5-2-2003; RULE 1404, 4-6-1990]

[Devices subject to this condition : E15]

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]

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

[Devices subject to this condition : D7]

K. Record Keeping/Reporting

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

Daily natural gas usage

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

[Devices subject to this condition : D6]

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

Daily natural gas and fuel oil usage

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

[Devices subject to this condition : D7]

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

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 : E20]

M. Title V Permit Shield

M333.1 Permit Shield. Not withstanding the other requirements and conditions in this permit, this device is not subject to the following rule requirement(s):

Rule	Number/Subpart	Adopted/Amended Date	Non-Applicable Requirement(s)
District Rule	1134	07-dec-1995	All NOx Requirements
District Rule	1134	08-aug-1997	All NOx Requirements

FACILITY PERMIT TO OPERATE
WHEELABRATOR NORWALK ENERGY CO INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Compliance with the conditions of this Title V permit shall be deemed in compliance with any regulatory requirements applicable as of the date of permit issuance to this device, provided that such regulatory requirements are included and specifically identified in this permit. 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; (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 not apply to the facility, such as toxics requirements unique to the State; or, (f) the applicability of regulatory requirements with compliance dates after the permit issuance date. This permit shield shall not apply to any operational change made pursuant to the operational flexibility provisions of District Rule 3005.

[RULE 1134, 8-8-1997; RULE 3004(c)-Permit Shield, 12-12-1997]

[Devices subject to this condition : D4]

M333.2 Permit Shield. Not withstanding the other requirements and conditions in this permit, this device is not subject to the following rule requirement(s):

Rule	Number/Subpart	Adopted/Amended Date	Non-Applicable Requirement(s)
District Rule	1146	13-may-1994	(c)(2)
District Rule	1146	13-may-1994	(c)(3)

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[RULE 1146, 11-17-2000; RULE 3004(c)-Permit Shield, 12-12-1997]

[Devices subject to this condition : D6, D7]

M333.3 Permit Shield. Not withstanding the other requirements and conditions in this permit, this device is not subject to the following rule requirement(s):

Rule	Number/Subpart	Adopted/Amended Date	Non-Applicable Requirement(s)
District Rule	463	11-mar-1994	(e)(5)
District Rule	463	11-mar-1994	(g)

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Compliance with the conditions of this Title V permit shall be deemed in compliance with any regulatory requirements applicable as of the date of permit issuance to this device, provided that such regulatory requirements are included and specifically identified in this permit. 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; (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 not apply to the facility, such as toxics requirements unique to the State; or, (f) the applicability of regulatory requirements with compliance dates after the permit issuance date. This permit shield shall not apply to any operational change made pursuant to the operational flexibility provisions of District Rule 3005.

[RULE 3004(c)-Permit Shield, 12-12-1997; RULE 463, 3-11-1994]

[Devices subject to this condition : E21]