ONEIDA INDIAN NATION

MICHAEL J. MASSENA
ENVIRONMENTAL MANAGER

DIRECT DIAL: (315) 366-9647
FACSIMILE: (315) 366-9261
E-MAIL: mmassena@oneida-nation.org

ONEIDA INDIAN NATION HOMELANDS

October 31, 2019

Mr. Umesh Dholakia
USEPA Region II
Air Permitting Branch
290 Broadway
New York, New York 1007-1866

Re: Turning Stone Resort & Casino Part 71 Permit Renewal

Dear Mr. Dholakia:

In accordance with the provisions of Title V of the Clean Air Act and 40 CFR Part 71, enclosed please find the application for the renewal of Permit # ONEIDA002 for the Turning Stone Resort Casino in Verona, New York.

Should you have any questions, feel free to call me at your convenience at (315) 366-9647.

Very truly yours,

ONEIDA INDIAN NATION

Michael J. Massena, PE
Environmental Manager

Cc: Meghan Beakman – Oneida Indian Nation

EPA United States Environmental Protection Agency

OMB No. 2060-0336, Expires 10/31/2019
(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
GENERAL INFORMATION AND SUMMARY (GIS)

A. Mailing Address and Contact Information

Facility name Turning Stone Resort Casino

Mailing address: Street or P.O. Box 5218 Patrick Road

City Verona State NY ZIP 13478 -

Contact person: Mike Massena Title Environmental Manager

Telephone (315) 366 - 9647 Ext.

Facsimile ( ) -

B. Facility Location

Temporary source? ___Yes _X_No Plant site location 5218 Patrick Road

City Verona State NY County Oneida EPA Region 2

Is the facility located within:

Indian lands? _X_YES ___ NO An offshore source in federal waters? ___YES _X_ NO

Non-attainment area? ___ YES _X_NO If yes, for what air pollutants?

Within 50 miles of affected State? __ YES _X_ NO If yes, What State(s)?

C. Owner

Name Oneida Indian Nation Street/P.O. Box 5218 Patrick Road

City Verona State NY ZIP 13478 -

Telephone (315) 361 - 7711 Ext

D. Operator

Name Turning Stone Resort & Casino Street/P.O. Box 5218 Patrick Road

City Verona State NY ZIP 13478 -

Telephone (315) 361 - 7711 Ext

E. Application Type

Mark only one permit application type and answer the supplementary question appropriate for the type marked.

___Initial Permit __X__ Renewal ___ Significant Mod ___ Minor Permit Mod(MPM)

___ Group Processing, MPM ___ Administrative Amendment

For initial permits, when did operations commence? _____ /_____ /_____

For permit renewal, what is the expiration date of current permit? 02 / 04 / 2020

F. Applicable Requirement Summary

Mark the types of applicable requirements that apply:

___ SIP	__X__ FIP/TIP	___ PSD	___Non-attainment NSR
__X__ Minor source NSR	___ Section 111	___ Phase I acid rain	___Phase II acid rain
___ Stratospheric ozone	___ OCS regulations	___ NESHAP	___ Sec. 112(d) MACT
___ Sec. 112(g) MACT	___ Early reduction of HAP	___ Sec 112(j) MACT	___ RMP [Sec.112(r)]
___ Section 129	___ NAAQS, increments or visibility but for temporary sources (This is rare)		

Is the source subject to the Deepwater Port Act? ___YES __X__NO

Has a risk management plan been registered? ___YES __X__NO Agency _____

Phase II acid rain application submitted? ___YES __X__NO If YES, Permitting Authority _____

G. Source-Wide PTE Restrictions and Generic Applicable Requirements

Cite and describe any emissions-limiting requirements and/or facility-wide "generic" applicable requirements.

None

H. Process Description

List processes, products, and SIC codes for the facility.

Process	Products	SIC
Casino Hotels	Not applicable	7011

I. Emission Unit Identification

Assign an emissions unit ID and describe each emissions unit at the facility. Control equipment and/or alternative operating scenarios associated with emissions units should by listed on a separate line. Applicants may exclude from this list any insignificant emissions units or activities.

Emissions Unit ID	Description of Unit
ES-001	GAS TURBINE GENERATOR: GT-001
ES-002	NATURAL GAS FIRED BOILER: BL-001
ES-003	NATURAL GAS AND #2 FUEL OIL FIRED BOILER: BL002
ES-004	NATURAL GAS FIRED BOILERS: BL-003, BL-004
ES-005	LARGE EMERGENCY GENERATORS (>600 hP): GL-001; GL-003 THRU GL-006
ES-006	SMALL EMERGENCY GENERATORS (<600 Hp): GS-001 THRU GS-004

J. Facility Emissions Summary

Enter potential to emit (PTE) for the facility as a whole for each regulated air pollutant listed below. Enter the name of the single HAP emitted in the greatest amount and its PTE. For all pollutants, stipulations to major source status may be indicated by entering "major" in the space for PTE. Indicate the total actual emissions for fee purposes for the facility in the space provided. Applications for permit modifications need not include actual emissions information.

NOx 159.42 tons/yr VOC 14.60 tons/yr SO2 88.38 tons/yr

PM-10 21.40 tons/yr CO 88.08 tons/yr Lead _____ tons/yr

Total HAP _____ tons/yr

Single HAP with greatest amount _____ PTE _____ tons/yr

Total of regulated pollutants (for fee calculation), Sec. F, line 5 of form FEE 45 tons/yr

K. Existing Federally-Enforceable Permits

Permit number(s) _____ Permit type _____ Permitting authority _____

Permit number(s) _____ Permit type _____ Permitting authority _____

L. Emission Unit(s) Covered by General Permits

Emission unit(s) subject to general permit _____

Check one: ___ Application made ___ Coverage granted

General permit identifier _____ Expiration Date ___/___/___

M. Cross-referenced Information

Does this application cross-reference information? ___ YES _X_ NO (If yes, see instructions)

INSTRUCTIONS FOLLOW

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 10/31/2019
(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ES-001 Description GAS TURBINE; GT-001

SIC Code (4-digit) 7011 SCC Code

B. Emissions Unit Description

Primary use POWER GENERATION Temporary Source ___Yes _X_No

Manufacturer SOLAR TURBINES Model No. TAURUS 60-7800S

Serial Number _____ Installation Date____/____/ 2004

Boiler Type: ___ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) UNFIRED HEAT RECOVERY STEAM GENERATOR

Boiler horsepower rating_____ Boiler steam flow (lb/hr)___28,000

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input ___59.86___MM BTU/hr Max. Design Heat Input ___70.02___MM BTU/hr

C. Fuel Data

Primary fuel type(s) NATURAL GAS Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
NATURAL GAS			1,000 BTU/SCF

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
NATURAL GAS		70,020 FT^3 (59.86 MMBTU)	524.374($MMFT^3$) (524,374 MMBTU)

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 10/31/2019
(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID ES-001

B. Identification and Quantification of Emissions

For each emissions unit identified above, list each regulated air pollutant or other pollutant for which the source is major, then list any other regulated pollutant (for fee calculation) not already listed. HAP may be simply listed as "HAP." Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives for fee purposes. See instructions concerning GHGs. Values should be reported to the nearest tenth (0.1) of a ton for yearly values or tenth (0.1) of a pound for hourly values.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
NOx	15.04	4.90	18.35	
SO_2	0.73	0.24	0.89	
PM	9.02	2.94	11.01	
VOC	2.36	0.77	2.88	
CO	UN	4.90	18.35	

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 10/31/2019
(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ES-002 Description NATURAL GAS FIRED BOILER: BL-001

SIC Code (4-digit) 7011 SCC Code _____

B. Emissions Unit Description

Primary use STEAM GENERATION Temporary Source ___Yes _X_No

Manufacturer CLEAVER BROOKS Model No. CEW-LN-200-800-200

Serial Number 0L102861 Installation Date 12 / 15 / 2003

Boiler Type: _X_ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating 800 Boiler steam flow (lb/hr) 26,800

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input 33,475 MM BTU/hr

C. Fuel Data

Primary fuel type(s) NATURAL GAS Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
NATURAL GAS			1,000 BTU/SCF

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
NATURAL GAS		33,475 FT^3 (33,475 MMBTU)	293.241 $MMFT^3$ (293,241 MMBTU)

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

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(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID ES-002

B. Identification and Quantification of Emissions

For each emissions unit identified above, list each regulated air pollutant or other pollutant for which the source is major, then list any other regulated pollutant (for fee calculation) not already listed. HAP may be simply listed as "HAP." Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives for fee purposes. See instructions concerning GHGs. Values should be reported to the nearest tenth (0.1) of a ton for yearly values or tenth (0.1) of a pound for hourly values.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
NOx	0.18	1.17	5.13	
SO_2	0.01	0.03	0.15	
PM	0.05	0.33	1.47	
VOC	0.08	0.54	2.35	
CO	UN	3.65	15.98	

United States Environmental Protection Agency

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Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ES-003 Description NATURAL GAS & #2 FUEL OIL FIRED BOILER: BL-002

SIC Code (4-digit) 7011 SCC Code _____

B. Emissions Unit Description

Primary use STEAM GENERATION Temporary Source ___Yes _X_No

Manufacturer CLEAVER BROOKS Model No. CEW-LN-200-800-200

Serial Number 0L102862 Installation Date 12 / 15 / 2003

Boiler Type: _X_ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating 800 Boiler steam flow (lb/hr) 26,800

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input 33,475 MM BTU/hr

C. Fuel Data

Primary fuel type(s) NATURAL GAS Standby fuel type(s) #2 FUEL OIL

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
NATURAL GAS			1,000 BTU/SCF
#2 FUEL OIL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
NATURAL GAS		33,475 FT^3 (33,475 MMBTU)	293.241 $MMFT^3$ (293,241 MMBTU)
#2 FUEL OIL		236 GAL (33,475 MMBTU)	2,065,077 GAL (293,241 MMBTU)

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____.____ Inside stack diameter (ft) _____.____

Stack temp (°F) _____.____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____.____

United States Environmental Protection Agency

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(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID ES-003

B. Identification and Quantification of Emissions

For each emissions unit identified above, list each regulated air pollutant or other pollutant for which the source is major, then list any other regulated pollutant (for fee calculation) not already listed. HAP may be simply listed as "HAP." Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives for fee purposes. See instructions concerning GHGs. Values should be reported to the nearest tenth (0.1) of a ton for yearly values or tenth (0.1) of a pound for hourly values.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
NOx	0.07	6.36	27.86	
SO_2	0.00	17.24	75.51	
PM	0.03	0.80	3.52	
VOC	0.04	1.00	4.40	
CO	UN	3.65	15.98	

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 10/31/2019
(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID __ES-004__ Description_NATURAL GAS FIRED BOILER: BL-003

SIC Code (4-digit) __7011__ SCC Code_____

B. Emissions Unit Description

Primary use __STEAM GENERATION__ Temporary Source ___Yes _X__No

Manufacturer __CLEAVER BROOKS__ Model No. __CB1-700-500-125__

Serial Number ___0L094386___ Installation Date__12_/_15_/_2003___

Boiler Type: _X_ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____500_____ Boiler steam flow (lb/hr)___16,700_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input __40.824____MM BTU/hr

C. Fuel Data

Primary fuel type(s) NATURAL GAS Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
NATURAL GAS			1,000 BTU/SCF

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
NATURAL GAS		40,824 FT^3 (40,824 MMBTU)	357.618 $MMFT^3$ (357,618 MMBTU)

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date____/____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____.____ Inside stack diameter (ft) _____.____

Stack temp (°F) _____.____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____.____

United States Environmental Protection Agency

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(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ES-004 Description NATURAL GAS FIRED BOILER: BL-004

SIC Code (4-digit) 7011 SCC Code _____

B. Emissions Unit Description

Primary use STEAM GENERATION Temporary Source ___Yes _X_No

Manufacturer CLEAVER BROOKS Model No. CB1-700-500-125

Serial Number 0L094387 Installation Date 12 / 15 / 2003

Boiler Type: _X_ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating 500 Boiler steam flow (lb/hr) 16,700

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input 40.824 MM BTU/hr

C. Fuel Data

Primary fuel type(s) NATURAL GAS Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
NATURAL GAS			1,000 BTU/SCF

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
NATURAL GAS		40,824 FT^3 (40,824 MMBTU)	357.618 $MMFT^3$ (357,618 MMBTU)

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____.____ Inside stack diameter (ft) _____.____

Stack temp (°F) _____.____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____.____

United States Environmental Protection Agency

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Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID ES-004

B. Identification and Quantification of Emissions

For each emissions unit identified above, list each regulated air pollutant or other pollutant for which the source is major, then list any other regulated pollutant (for fee calculation) not already listed. HAP may be simply listed as "HAP." Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives for fee purposes. See instructions concerning GHGs. Values should be reported to the nearest tenth (0.1) of a ton for yearly values or tenth (0.1) of a pound for hourly values.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
NOx	8.53	4.08	17.88	
SO_2	0.09	0.02	0.11	
PM	0.65	0.31	1.36	
VOC	0.47	0.22	0.98	
CO	UN	3.43	15.02	

EPA United States Environmental Protection Agency

OMB No. 2060-0336, Expires 10/31/2019
(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ES-005 Description LARGE EMERGENCY GENERATOR: GL-001

SIC Code (4-digit) 7011 SCC Code _____

B. Emissions Unit Description

Primary use EMERGENCY POWER GENERATION Temporary Source ___Yes _X_No

Manufacturer CUMMINS Model No. 1500 DFLE

Serial Number _____ Installation Date___/___/____

Boiler Type: __ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input 14.71 MM BTU/hr

C. Fuel Data

Primary fuel type(s) DIESEL FUEL Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	1,552 GALLONS	103.5 GALLONS	103,500 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____.____ Inside stack diameter (ft) _____.____

Stack temp (°F) _____.____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____.____

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 10/31/2019
(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID __ES-005__ Description_LARGE EMERGENCY GENERATOR: GL-003

SIC Code (4-digit) __7011____ SCC Code_____

B. Emissions Unit Description

Primary use __EMERGENCY POWER GENERATION___ Temporary Source ___Yes _X__No

Manufacturer __CATERPILLAR_____ Model No. __3412C____

Serial Number _____ Installation Date___/___/____

Boiler Type: __ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input __4.75____MM BTU/hr

C. Fuel Data

Primary fuel type(s) DIESEL FUEL Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	402 GALLONS	33.5 GALLONS	33,500 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____.____ Inside stack diameter (ft) _____.____

Stack temp (°F) _____.____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____.____

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 10/31/2019
(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ES-005 Description LARGE EMERGENCY GENERATOR: GL-004

SIC Code (4-digit) 7011 SCC Code _____

B. Emissions Unit Description

Primary use EMERGENCY POWER GENERATION Temporary Source ___Yes _X_No

Manufacturer DETROIT DIESEL Model No. 1500 DSEB

Serial Number _____ Installation Date___/___/____

Boiler Type: __ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input 14.61 MM BTU/hr

C. Fuel Data

Primary fuel type(s) DIESEL FUEL Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	6,791 GALLONS	102.9 GALLONS	102,900 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____.____ Inside stack diameter (ft) _____.____

Stack temp (°F) _____.____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____.____

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 10/31/2019
(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ES-005 Description LARGE EMERGENCY GENERATOR: GL-005

SIC Code (4-digit) 7011 SCC Code _____

B. Emissions Unit Description

Primary use EMERGENCY POWER GENERATION Temporary Source ___Yes _X_No

Manufacturer CUMMINSPOWER GENERATION Model No. 500 DFEK

Serial Number _____ Installation Date 5 / 7 / 2013

Boiler Type: __ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input 4.93 MM BTU/hr

C. Fuel Data

Primary fuel type(s) DIESEL FUEL Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	382 GALLONS	34.7 GALLONS	34,700 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 10/31/2019
(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ES-005 Description LARGE EMERGENCY GENERATOR: GL-006

SIC Code (4-digit) 7011 SCC Code _____

B. Emissions Unit Description

Primary use EMERGENCY POWER GENERATION Temporary Source ___Yes _X_No

Manufacturer CUMMINS POWER GENERATION Model No. GFGA

Serial Number _____ Installation Date 6 / 1 / 2013

Boiler Type: __ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input 5.89 MM BTU/hr

C. Fuel Data

Primary fuel type(s) NATURAL GAS Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
NATURAL GAS			1,000 BTU/ CF

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
NATURAL GAS	100,100 CUBIC FEET	5890 CUBIC FEET	5,890,000 CUBIC FEET

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____.____ Inside stack diameter (ft) _____.____

Stack temp (°F) _____.____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____.____

United States Environmental Protection Agency

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(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID ES-005

B. Identification and Quantification of Emissions

For each emissions unit identified above, list each regulated air pollutant or other pollutant for which the source is major, then list any other regulated pollutant (for fee calculation) not already listed. HAP may be simply listed as "HAP." Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives for fee purposes. See instructions concerning GHGs. Values should be reported to the nearest tenth (0.1) of a ton for yearly values or tenth (0.1) of a pound for hourly values.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
NOx	2.08	125.20	62.60	
SO_2	0.09	19.80	9.90	
PM	0.07	4.20	2.10	
VOC	0.06	3.60	1.80	
CO	0.55	33.60	16.80	

United States Environmental Protection Agency

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(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID __ES-006__ Description_SMALL EMERGENCY GENERATOR: GS-001

SIC Code (4-digit) __7011__ SCC Code_____

B. Emissions Unit Description

Primary use __EMERGENCY POWER GENERATION__ Temporary Source ___Yes _X__No

Manufacturer __ELLIOT MAGNETEK__ Model No. __300 RD__

Serial Number _____ Installation Date___/___/____

Boiler Type: __ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input __2.93__MM BTU/hr

C. Fuel Data

Primary fuel type(s) DIESEL FUEL Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	164.8 GALLONS	20.6 GALLONS	20,600 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____.____ Inside stack diameter (ft) _____.____

Stack temp (°F) _____.____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____.____

United States Environmental Protection Agency

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(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID __ES-006__ Description_SMALL EMERGENCY GENERATOR: GS-002

SIC Code (4-digit) __7011____ SCC Code_____

B. Emissions Unit Description

Primary use __EMERGENCY POWER GENERATION__ Temporary Source ___Yes _X__No

Manufacturer __DETROIT DIESEL_____ Model No. __350 DSE____

Serial Number _____ Installation Date___/___/____

Boiler Type: __ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input __3.62___MM BTU/hr

C. Fuel Data

Primary fuel type(s) DIESEL FUEL Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	1606.5 GALLONS	25.5 GALLONS	25,500 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____.____ Inside stack diameter (ft) _____.____

Stack temp (°F) _____.____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____.____

EPA United States Environmental Protection Agency

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Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ES-006 Description SMALL EMERGENCY GENERATOR: GS-003

SIC Code (4-digit) 7011 SCC Code _____

B. Emissions Unit Description

Primary use EMERGENCY POWER GENERATION Temporary Source ___Yes _X_No

Manufacturer ONAN Model No. 175 DGFB

Serial Number _____ Installation Date___/___/____

Boiler Type: __ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input 1.87 MM BTU/hr

C. Fuel Data

Primary fuel type(s) DIESEL FUEL Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	118.8 GALLONS	13.2 GALLONS	13,200 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____.____ Inside stack diameter (ft) _____.____

Stack temp (°F) _____.____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____.____

United States Environmental Protection Agency

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(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID __ES-006__ Description_SMALL EMERGENCY GENERATOR: GS-004

SIC Code (4-digit) __7011__ SCC Code_____

B. Emissions Unit Description

Primary use __EMERGENCY POWER GENERATION__ Temporary Source ___Yes _X__No

Manufacturer __KOHLER POWER SYSTEMS__ Model No. __300REOZV__

Serial Number _____ Installation Date__6 / 1 / 13__

Boiler Type: __ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input __3.07___MM BTU/hr

C. Fuel Data

Primary fuel type(s) DIESEL FUEL Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	280.8 GALLONS	21.6 GALLONS	21,600 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____.____ Inside stack diameter (ft) _____.____

Stack temp (°F) _____.____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____.____

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Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID ES-006

B. Identification and Quantification of Emissions

For each emissions unit identified above, list each regulated air pollutant or other pollutant for which the source is major, then list any other regulated pollutant (for fee calculation) not already listed. HAP may be simply listed as "HAP." Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives for fee purposes. See instructions concerning GHGs. Values should be reported to the nearest tenth (0.1) of a ton for yearly values or tenth (0.1) of a pound for hourly values.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
NOx	0.70	55.20	27.60	
SO_2	0.05	3.60	1.82	
PM	0.05	3.80	1.94	
VOC	0.60	4.40	2.19	
CO	0.15	11.80	5.95	

United States Environmental Protection Agency

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(Approval Extended during OMB review)

Federal Operating Permit Program (40 CFR Part 71)
POTENTIAL TO EMIT (PTE)

For each emissions unit at the facility, list the unit ID and the PTE of each air pollutant listed below and sum the values to determine the total PTE for the facility. It may be helpful to complete form **EMISS** before completing this form. Report each pollutant at each unit to the nearest tenth (0.1) of a ton; values may be reported with greater precision (i.e., more decimal places) if desired. Report facility total PTE for each listed pollutant on this form and in section **J** of form **GIS**. The HAP column is for the PTE of all HAPs for each unit. You may use an attachment to show any pollutants that may be present in major amounts that are not already listed on the form (this is not common).

Emissions Unit ID	Regulated Air Pollutants and Pollutants for which Source is Major (PTE in tons/yr)						
	NOx	VOC	SO2	PM10	CO	Lead	HAP
ES-001	18.35	2.88	0.89	11.01	18.35		
ES-002	5.13	2.35	0.15	1.47	15.98		
ES-003	27.86	4.40	75.51	3.52	15.98		
ES-004	17.88	0.98	0.11	1.36	15.02		
ES-005	62.60	1.80	9.90	2.10	16.80		
ES-006	27.60	2.19	1.82	1.94	5.95		
FACILITY TOTALS:	**159.42**	**14.60**	**88.38**	**21.40**	**88.08**		

United States Environmental Protection Agency

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(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
INSIGNIFICANT EMISSIONS (IE)

On this page list each insignificant activity or emission unit. In the "number" column, indicate the number of units in this category. Descriptions should be brief but unique. Indicate which emissions criterion of part 71 is the basis for the exemption.

Number	Description of Activities or Emissions Units	RAP (except HAP)	HAP
1	Cleaver Brooks Boiler (3.35 MMBTU/hr)	X	
1	Turbopower Model 1250-N-400-A-TP (1.0 MMBTU/hr)	X	
14	Patterson Kelley SNM200 (2.0MMBTU/hr)	X	
2	Patterson Kelley C-2000H/N2000 (2.0 MMBTU/hr)	X	
1	Aerco Innovation 1060 (1.1 MMBTU/hr)	X	
1	Turbopower 1000-L-400A-TP (0.8 MMBTU/hr)	X	
1	AO Smith HW-399/420 (0.42 MMBTU/hr)	X	
2	Raypack H9-2342 (2.3 MMBTU/hr)	X	
2	Lochinvar CFN651PM (0.65 MMBTU/hr)	X	
2	Camus PRNW-2500-400A-TP (2.5 MMBTU/hr)	X	
2	AO Smith BTH300A (0.3 MMBTU/hr)	X	
1	AO Smith BTH199 (0.2 MMBTU/hr)	X	
1	Munchkin 399 (0.4 MMBTU/hr)	X	
1	Turbopower 2500L-400A-TP (2.0 MMBTU/hr)	X	
1	Bradford White EF 100T250E3NA2 (0.25 MMBTU/hr)	X	
1	Bradford White TW475576B3N (0.07 MMBTU)	X	
1	AO Smith BTH250A (0.25 MMBTU/hr)	X	

Turning Stone Resort & Casino
Additional Emission Sources

Quantity	Description of Emission Unit	Size (MMBTU/hr)	Fuel	Estimated Annual Runtime (Hours)	Estimated Emissions (tpy) per Unit
1	Cleaver Brooks BHP Boiler	3.35	Natural Gas	4000	0.77
1	Turbopower Model 1250-N-400-A-TP	1.0	Natural Gas	2500	0.16
14	Patterson - Kelley Model SNM 200	2.0	Natural Gas	2500	0.31
2	Patterson - Kelley C-2000H/N2000-MFD	2.0	Natural Gas	2500	0.31
1	Aerco Innovation 1060	1.1	Natural Gas	2500	0.17
1	Turbopower Model 1000-L-400A-TP	0.8	Natural Gas	2500	0.12
1	AO Smith Model HW-399/420	0.42	Natural Gas	2500	0.07
2	Raypack Model H9-2342	2.3	Natural Gas	2500	0.36
2	Lochinvar CFN651PM	0.65	Natural Gas	2500	0.10
2	Camus PRNW-2500-MSI	2.5	Natural Gas	2500	0.39
2	AO Smith BTH300A	0.3	Natural Gas	2500	0.05
1	AO Smith BTH199	0.2	Natural Gas	2500	0.03
1	Munchkin 399	0.4	Natural Gas	2500	0.06
1	Turbopower 2500L-400A-TP	2	Natural Gas	2500	0.31
1	Bradford White EF 100T250E3NA2	0.25	Natural Gas	2500	0.04
1	Bradford White TW475576B3N	0.07	Natural Gas	2500	0.01
1	AO Smith BTH250A 966	0.25	Natural Gas	2500	0.04

United States Environmental Protection Agency

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Federal Operating Permit Program (40 CFR Part 71)
ANNUAL COMPLIANCE CERTIFICATION (A-COMP)

A. GENERAL INFORMATION

Permit No. ONEIDA-002

Reporting Period: Beg. 01 / 01 / 2019 End. 10 / 30 / 2019

Source / Company Name Oneida Indian Nation

Mailing Address: Street or P.O. Box 5218 Patrick Road

City Verona State NY ZIP 13478 -

Contact person Michael Massena Title Environmental Manager

Telephone (315) 366 - 9647 Ext.

Continued on next page

B. COMPLIANCE STATUS

Describe the compliance status of each permit term for the reporting period. Copy this page as many times as necessary to cover all permit terms and conditions.

Emission Unit ID(s): ES-001

Permit Term (Describe requirements and cross-reference):Permit # ONEIDA 002 – Section IIA Natural gas as fuel (40CFR 71.6(a)(1), NO_x limited to 26.3 tons/ year (40 CFR Part 51, App S, Initial performance Testing (40CFR60.8(a)-(f), fuel quality recordkeeping, continuous monitoring, fuel usage monitoring

Compliance Methods for the Above (Description and Citation):Recordkeeping for fuel source/quality, continuous monitoring,

Status (Check one): ___ Intermittent Compliance _X_ Continuous Compliance

Emission Unit ID(s): ES-002, ES-004

Permit Term (Describe requirements and cross-reference): Permit # ONEIDA002 – Section IIB Natural gas as fuel (40CFR 71.6(a)(1),heat input rate limited to 33.5 MMBTU/hr and 20.4 MMBTU/hr respectively

Compliance Methods for the Above (Description and Citation):Recordkeeping for all permit terms listed above

Status (Check one): ___ Intermittent Compliance _X_ Continuous Compliance

Emission Unit ID(s): ES-003

Permit Term (Describe requirements and cross-reference): Permit # ONEIDA002 – Section IIC Natural gas or # Fuel oil (40CFR 71.6(a)(1), opacity monitoring (40 CFR 60.43c(c)), sulfur (40 CFR 60.42c(d)), fuel usage recordkeeping (40 CFR60.48(c)(g)

Compliance Methods for the Above (Description and Citation):):Recordkeeping for all permit terms listed above

Status (Check one): ___ Intermittent Compliance _X_ Continuous Compliance

Emission Unit ID(s): ES-005, ES-006

Permit Term (Describe requirements and cross-reference): Permit # ONEIDA002 – Section IID #2 fuel oil with maximum sulfur content of 0.5%, Maximum 1000 hrs/yr run time each (40 CFR71.6(a)(1), recordkeeping(40CFR71.6(a)(1)

Compliance Methods for the Above (Description and Citation):):Recordkeeping for all permit terms listed above

Status (Check one): ___ Intermittent Compliance _X_ Continuous Compliance

C. DEVIATIONS FROM PERMIT TERMS AND CONDITIONS

Report all deviations from permit terms (whether reported previously or not) that occurred during the permit term. Cross-reference deviations already reported in the six-month report. Indicate whether each deviation is a "possible exception to compliance." Start and end period of each deviation should be in mo/day/yr, hr:min format (24-hour clock). Also, specify the date when the written deviation report was submitted (If written report required, but not submitted, leave the date field blank).

Permit Term for Which There was a Deviation: Emission Units (unit IDs): Deviation Start _____/_____/__________ ____:____ End:_____/_____/__________ ____:____ Date Written Report Submitted ____/____/________
Permit Term for Which There was a Deviation: Emission Units (unit IDs): Deviation Start _____/_____/__________ ____:____ End:_____/_____/__________ ____:____ Date Written Report Submitted ____/____/________
Permit Term for Which There was a Deviation: Emission Units (unit IDs): Deviation Start _____/_____/__________ ____:____ End:_____/_____/__________ ____:____ Date Written Report Submitted ____/____/________
Permit Term for Which There was a Deviation: Emission Units (unit IDs): Deviation Start _____/_____/__________ ____:____ End:_____/_____/__________ ____:____ Date Written Report Submitted ____/____/________

United States Environmental Protection Agency

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(APPROVAL EXTENDED DURING OMB REVIEW)

Federal Operating Permit Program (40 CFR Part 71)
CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS (CTAC)

This form must be completed, signed by the "Responsible Official" designated for the facility or emission unit, and sent with each submission of documents (i.e., application forms, updates to applications, reports, or any information required by a part 71 permit).

A. Responsible Official

Name: (Last) Massena (First) Michael (MI) J

Title Environmental Manager

Street or P.O. Box 5218 Patrick Road

City Verona State NY ZIP 13478 -

Telephone (315) 366 - 9647 Ext. Facsimile (315) 366 - 9261

B. Certification of Truth, Accuracy and Completeness (to be signed by the responsible official)

I certify under penalty of law, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

Name (signed) M J Massena

Name (typed) Michael J Massena Date: 10 / 31 / 19