

New Jersey Department of Environmental Protection  
Emission Statement

Subject Item: FC

Operating Scenario:

Step:

General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)

Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** FC

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		6.70	0.00			63.53	0.00	100.08	0.00					
NOx (Total)		7.76	0.00	2.42	0.00	156.56	0.00							
Pb		0.00	0.00											
PM-10 (Total)		0.37	0.00											
PM-2.5 (Total)		0.37	0.00											
SO2		0.85	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** FC

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
TSP		0.81	0.00											
VOC (Total)		0.72	0.00			12.38	0.00							
Acrolein	00107-02-8	3.90	0.00											
Ammonia		0.36	0.00											
Arsenic compounds		0.23	0.00											
Beryllium compounds		0.03	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** FC

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Cadmium compounds		0.29	0.00											
Cobalt compounds		0.00	0.00											
CO2		16.08	0.00											
Formaldehyde	00050-00-0	21.42	0.00											
Manganese compounds		15.00	0.00											
Methane		0.45	0.00	0.01	0.00									

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** FC

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Nickel compounds		0.53	0.00											

New Jersey Department of Environmental Protection  
Emission Statement

Subject Item: IS0 Summary

Operating Scenario:

Step:

General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)   
Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** IS0 Summary

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Arsenic compounds														
Cadmium compounds														
CO		1.24	0.00			5.94	0.00	7.86	0.00					
CO2		1.78	0.00											
Formaldehyde		2.21	0.00											
Methane		0.04	0.00	0.01	0.00									

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** IS0 Summary

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Nickel compounds		0.06	0.00											
NOx (Total)		1.48	0.00	0.30	0.00	7.00	0.00							
Pb		0.00	0.00											
PM-10 (Total)		0.12	0.00											
PM-2.5 (Total)		0.12	0.00											
SO2		0.00	0.00											



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** IS0 Summary

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
TSP		0.12	0.00											
VOC (Total)		0.08	0.00			0.39	0.00							

## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** IS1 Various

**Operating Scenario:**

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

### Process Data

#### Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	3.2000	MMft <sup>3</sup>	2,208	90	13	
Between 12/1/21 - 2/28/22	4.2500	MMft <sup>3</sup>	2,160	90	12	
For the Entire Year of 2022	14.7500	MMft <sup>3</sup>	8,760	365	52	

#### Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** IS1 Various

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.62	0.00			2.97	0.00	3.96	0.00					
Methane		0.02	0.00	0.01	0.00									
NOx (Total)		0.74	0.00	0.01	0.00	3.50	0.00							
Pb		0.00	0.00											
PM-10 (Total)		0.06	0.00											
PM-2.5 (Total)		0.06	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** IS1 Various

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00											
TSP		0.06	0.00											
VOC (Total)		0.04	0.00			0.19	0.00							
CO2		0.89	0.00											
Formaldehyde	00050-00-0	1.11	0.00											
Nickel compounds		0.03	0.00											

## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** IS2 Various

**Operating Scenario:**

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

### Process Data

#### Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22		gallons				
Between 12/1/21 - 2/28/22		gallons				
For the Entire Year of 2022		gallons				

#### Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** IS2 Various

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO														
NOx (Total)														
Pb														
PM-10 (Total)														
PM-2.5 (Total)														
SO2														

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** IS2 Various

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
TSP														
VOC (Total)														
Arsenic compounds														
Cadmium compounds														
CO2														
Formaldehyde	00050-00-0													

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** IS2 Various

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Methane														



## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** IS3 Various

**Operating Scenario:**

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)

Q1:  Q2:  Q3:  Q4:

### Process Data

#### Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	gallons	2,208	90	13	
Between 12/1/21 - 2/28/22						
For the Entire Year of 2022	0.0000	gallons	8,760	365	52	

#### Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** IS3 Various

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
VOC (Total)		0.00	0.00			0.00	0.00							

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** IS4 New Frosh Residence Hall

**Operating Scenario:**

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	3.2500	MMft <sup>3</sup>	1,000	90	13	
Between 12/1/21 - 2/28/22	4.2500	MMft <sup>3</sup>	1,000	90	13	
For the Entire Year of 2022	14.7500	MMft <sup>3</sup>	4,000	365	52	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** IS4 New Frosh Residence Hall

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.62	0.00			2.97	0.00	3.90	0.00					
Methane		0.02	0.00											
NOx (Total)		0.74	0.00	0.29	0.00	3.50	0.00							
Pb		0.00	0.00											
PM-10 (Total)		0.06	0.00											
PM-2.5 (Total)		0.06	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** IS4 New Frosh Residence Hall

**Operating Scenario:**

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00											
TSP		0.06	0.00											
VOC (Total)		0.04	0.00			0.19	0.00							
CO2		0.89	0.00											
Formaldehyde	00050-00-0	1.10	0.00											
Nickel compounds		0.03	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U16 Gasoline UST - Gasoline Underground Storage Tank (4,000 Gallon)

**Operating Scenario:** OS0 Summary

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)   
Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U16 Gasoline UST - Gasoline Underground Storage Tank (4,000 Gallon)

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
VOC (Total)		0.00	0.00			0.00	0.00							

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U16 Gasoline UST - Gasoline Underground Storage Tank (4,000 Gallon)

**Operating Scenario:** OS1

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	4,962.0000	gallons	2,208	92	13	
Between 12/1/21 - 2/28/22						
For the Entire Year of 2022	23,184.0000	gallons	8,760	365	52	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U16 Gasoline UST - Gasoline Underground Storage Tank (4,000 Gallon)

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
VOC (Total)		0.00	0.00			0.00	0.00					EPA computer program based on other approved emission factor	4.20E-03	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS0 Summary

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)   
Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Ammonia		0.32	0.00											
Arsenic compounds		0.04	0.00											
Cadmium compounds		0.22	0.00											
CO		3.82	0.00			36.56	0.00	47.08	0.00					
CO2		11.78	0.00											
Formaldehyde		14.72	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Methane		0.22	0.00											
Nickel compounds		0.42	0.00											
NOx (Total)		3.63	0.00	1.59	0.00	34.70	0.00							
Pb		0.00	0.00											
PM-10 (Total)		0.13	0.00											
PM-2.5 (Total)		0.13	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.06	0.00											
TSP		0.54	0.00											
VOC (Total)		0.54	0.00			5.19	0.00							

**Kean University (41735)**

Date: 7/18/2023

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item: U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc**

**Operating Scenario: OS0 Summary**

**Step:**

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS1

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	2.0000	MMft <sup>3</sup>	253	12	4	
Between 12/1/21 - 2/28/22	9.0000	MMft <sup>3</sup>	475	22	5	
For the Entire Year of 2022	8.0000	MMft <sup>3</sup>	1,135	55	16	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.15	0.00			6.18	0.00	15.17	0.00			Manufacturer's Estimate or Data	3.90E+01	lb/MMft <sup>3</sup>
Methane		0.01	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.14	0.00	0.10	0.00	5.86	0.00					Manufacturer's Estimate or Data	3.70E+01	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.01	0.00									Manufacturer's Estimate or Data	1.32E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.01	0.00									Manufacturer's Estimate or Data	1.32E+00	lb/MMft <sup>3</sup>



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.02	0.00									Manufacturer's Estimate or Data	5.50E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.02	0.00			0.88	0.00					AP-42	5.53E+00	lb/MMft <sup>3</sup>
Ammonia	07664-41-7	0.01	0.00									AP-42	3.20E+00	lb/MMft <sup>3</sup>
Arsenic compounds		0.00	0.00									AP-42	2.00E-04	lb/MMft <sup>3</sup>
Cadmium compounds		0.01	0.00									AP-42	1.10E-03	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO2		0.47	0.00									AP-42	1.20E+04	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.58	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>
Nickel compounds		0.02	0.00									AP-42	2.10E-03	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS2

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22		gallons				
Between 12/1/21 - 2/28/22		gallons				
For the Entire Year of 2022		gallons				

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS2

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO														
NOx (Total)														
Pb														
PM-10 (Total)														
PM-2.5 (Total)														
SO2														

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS2

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
TSP														
VOC (Total)														
Ammonia	07664-41-7													
Arsenic compounds														
CO2														
Methane														

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS3

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	32.0000	MMft <sup>3</sup>	1,914	81	13	
Between 12/1/21 - 2/28/22	29.0000	MMft <sup>3</sup>	1,574	67	11	
For the Entire Year of 2022	98.0000	MMft <sup>3</sup>	5,780	251	42	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS3

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		1.90	0.00			15.25	0.00	16.70	0.00			Manufacturer's Estimate or Data	3.90E+01	lb/MMft <sup>3</sup>
Methane		0.11	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		1.81	0.00	0.72	0.00	14.48	0.00					Manufacturer's Estimate or Data	3.70E+01	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.06	0.00									Manufacturer's Estimate or Data	1.32E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.06	0.00									Manufacturer's Estimate or Data	1.32E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS3

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.03	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.27	0.00									Manufacturer's Estimate or Data	5.50E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.27	0.00			2.16	0.00					AP-42	5.53E+00	lb/MMft <sup>3</sup>
Ammonia	07664-41-7	0.16	0.00									AP-42	3.20E+00	lb/MMft <sup>3</sup>
Arsenic compounds		0.02	0.00									AP-42	2.00E-04	lb/MMft <sup>3</sup>
Cadmium compounds		0.11	0.00									AP-42	1.10E-03	lb/MMft <sup>3</sup>



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS3

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO2		5.86	0.00									AP-42	1.20E+04	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	7.32	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>
Nickel compounds		0.21	0.00									AP-42	2.10E-03	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS4

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22		gallons				
Between 12/1/21 - 2/28/22		gallons				
For the Entire Year of 2022		gallons				

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS4

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO														
NOx (Total)														
Pb														
PM-10 (Total)														
PM-2.5 (Total)														
SO2														

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS4

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
TSP														
VOC (Total)														
Ammonia	07664-41-7													
Arsenic compounds														
CO2														
Methane														

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS5

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	26.0000	MMft <sup>3</sup>	1,535	65	10	
Between 12/1/21 - 2/28/22	24.0000	MMft <sup>3</sup>	1,412	61	9	
For the Entire Year of 2022	91.0000	MMft <sup>3</sup>	5,593	240	38	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS5

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		1.77	0.00			15.13	0.00	15.21	0.00			Manufacturer's Estimate or Data	3.90E+01	lb/MMft <sup>3</sup>
Methane		0.10	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		1.68	0.00	0.77	0.00	14.35	0.00					Manufacturer's Estimate or Data	3.70E+01	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.06	0.00									Manufacturer's Estimate or Data	1.32E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.06	0.00									Manufacturer's Estimate or Data	1.32E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS5

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.03	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.25	0.00									Manufacturer's Estimate or Data	5.50E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.25	0.00			2.15	0.00					AP-42	5.53E+00	lb/MMft <sup>3</sup>
Ammonia	07664-41-7	0.15	0.00									AP-42	3.20E+00	lb/MMft <sup>3</sup>
Arsenic compounds		0.02	0.00									AP-42	2.00E-04	lb/MMft <sup>3</sup>
Cadmium compounds		0.10	0.00									AP-42	1.10E-03	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS5

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO2		5.45	0.00									AP-42	1.20E+04	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	6.82	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>
Nickel compounds		0.19	0.00									AP-42	2.10E-03	lb/MMft <sup>3</sup>



## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS6

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)

Q1:  Q2:  Q3:  Q4:

### Process Data

#### Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22		gallons				
Between 12/1/21 - 2/28/22		gallons				
For the Entire Year of 2022		gallons				

#### Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS6

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO														
NOx (Total)														
Pb														
PM-10 (Total)														
PM-2.5 (Total)														
SO2														

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U17 Power Plant - Boilers #1, #2, and #3, (29.3 MMBtu/hr each), Subject to NSPS 40 CFR 60 Sub Dc

**Operating Scenario:** OS6

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
TSP														
VOC (Total)														
Ammonia	07664-41-7													
Arsenic compounds														
CO2														
Methane														

New Jersey Department of Environmental Protection  
Emission Statement

Subject Item: U21 Boiler #8 - Boiler #8 in D'Angola Gymnasium (8.4 MMBtu/hr)

Operating Scenario: OS0 Summary

Step:

General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)

Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U21 Boiler #8 - Boiler #8 in D'Angola Gymnasium (8.4 MMBtu/hr)

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.08	0.00			0.00	0.00	9.49	0.00					
CO2		0.11	0.00											
Formaldehyde		0.14	0.00											
Methane		0.00	0.00											
NOx (Total)		0.09	0.00	0.00	0.00	0.00	0.00							
Pb		0.00	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U21 Boiler #8 - Boiler #8 in D'Angola Gymnasium (8.4 MMBtu/hr)

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
PM-10 (Total)		0.01	0.00											
PM-2.5 (Total)		0.01	0.00											
SO2		0.00	0.00											
TSP		0.01	0.00											
VOC (Total)		0.01	0.00			0.00	0.00							

**Kean University (41735)**

Date: 7/18/2023

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U21 Boiler #8 - Boiler #8 in D'Angola Gymnasium (8.4 MMBtu/hr)

**Operating Scenario:** OS0 Summary

**Step:**

## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** U21 Boiler #8 - Boiler #8 in D'Angola Gymnasium (8.4 MMBtu/hr)

**Operating Scenario:** OS1

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

### Process Data

#### Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	MMft <sup>3</sup>	0	0	0	
Between 12/1/21 - 2/28/22	0.6775	MMft <sup>3</sup>	119	6	4	
For the Entire Year of 2022	1.8202	MMft <sup>3</sup>	505	25	9	

#### Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U21 Boiler #8 - Boiler #8 in D'Angola Gymnasium (8.4 MMBtu/hr)

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.08	0.00			0.00	0.00	9.49	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.09	0.00	0.00	0.00	0.00	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.01	0.00									Best engineering judgement	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U21 Boiler #8 - Boiler #8 in D'Angola Gymnasium (8.4 MMBtu/hr)

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.01	0.00			0.00	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.11	0.00									AP-42	1.20E+04	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.14	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>

New Jersey Department of Environmental Protection  
Emission Statement

Subject Item: U22 Boiler #9 - Boiler #9 in D'Angola Gymnasium (8.4 MMBtu/hr)

Operating Scenario: OS0 Summary

Step:

General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)   
Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U22 Boiler #9 - Boiler #9 in D'Angola Gymnasium (8.4 MMBtu/hr)

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.05	0.00			0.00	0.00	5.47	0.00					
CO2		0.07	0.00											
Formaldehyde		0.09	0.00											
Methane		0.00	0.00											
NOx (Total)		0.06	0.00	0.00	0.00	0.00	0.00							
Pb		0.00	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U22 Boiler #9 - Boiler #9 in D'Angola Gymnasium (8.4 MMBtu/hr)

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
PM-10 (Total)		0.00	0.00											
PM-2.5 (Total)		0.00	0.00											
SO2		0.00	0.00											
TSP		0.00	0.00											
VOC (Total)		0.00	0.00			0.00	0.00							

**Kean University (41735)**

Date: 7/18/2023

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U22 Boiler #9 - Boiler #9 in D'Angola Gymnasium (8.4 MMBtu/hr)

**Operating Scenario:** OS0 Summary

**Step:**

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U22 Boiler #9 - Boiler #9 in D'Angola Gymnasium (8.4 MMBtu/hr)

**Operating Scenario:** OS1

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	MMft <sup>3</sup>	0	0	0	
Between 12/1/21 - 2/28/22	1.1714	MMft <sup>3</sup>	391	18	4	
For the Entire Year of 2022	1.2349	MMft <sup>3</sup>	463	21	4	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U22 Boiler #9 - Boiler #9 in D'Angola Gymnasium (8.4 MMBtu/hr)

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.05	0.00			0.00	0.00	5.47	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.06	0.00	0.00	0.00	0.00	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.00	0.00									Best engineering judgement	7.60E+00	lb/MMft <sup>3</sup>



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U22 Boiler #9 - Boiler #9 in D'Angola Gymnasium (8.4 MMBtu/hr)

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.00	0.00			0.00	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.07	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.09	0.00									AP-42	1.20E+04	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U23 Boiler #5 - Boiler #5 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)   
Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U23 Boiler #5 - Boiler #5 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Ammonia		0.01	0.00											
Arsenic compounds		0.01	0.00											
Cadmium compounds		0.03	0.00											
CO		0.06	0.00			0.00	0.00	2.61	0.00					
CO2		0.29	0.00											
Formaldehyde		0.90	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U23 Boiler #5 - Boiler #5 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Methane		0.00	0.00											
NOx (Total)		0.26	0.00	0.00	0.00	0.00	0.00							
Pb		0.00	0.00											
PM-10 (Total)		0.01	0.00											
PM-2.5 (Total)		0.01	0.00											
SO2		0.36	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U23 Boiler #5 - Boiler #5 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
TSP		0.02	0.00											
VOC (Total)		0.00	0.00			0.00	0.00							

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U23 Boiler #5 - Boiler #5 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS1

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	gallons	0	0	0	
Between 12/1/21 - 2/28/22	15,164.0000	gallons	670	29	6	
For the Entire Year of 2022	25,665.0000	gallons	1,035	47	10	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U23 Boiler #5 - Boiler #5 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.06	0.00			0.00	0.00	2.61	0.00			AP-42	5.00E+00	lb/Mgal
Methane		0.00	0.00									AP-42	5.20E-02	lb/Mgal
NOx (Total)		0.26	0.00	0.00	0.00	0.00	0.00					AP-42	2.00E+01	lb/Mgal
Pb		0.00	0.00									State or local agency's emission factor	1.30E-03	lb/Mgal
PM-10 (Total)		0.01	0.00									Manufacturer's Estimate or Data	9.20E-01	lb/Mgal
PM-2.5 (Total)		0.01	0.00									Manufacturer's Estimate or Data	9.20E-01	lb/Mgal

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U23 Boiler #5 - Boiler #5 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.36	0.00									Material balance using engineering knowledge of the process	2.84E+01	lb/Mgal
TSP		0.02	0.00									Manufacturer's Estimate or Data	1.84E+00	lb/Mgal
VOC (Total)		0.00	0.00			0.00	0.00					AP-42	2.00E-01	lb/Mgal
Ammonia	07664-41-7	0.01	0.00									AP-42	8.00E-01	lb/Mgal
Arsenic compounds		0.01	0.00									AP-42	5.52E-04	lb/Mgal
Cadmium compounds		0.03	0.00									AP-42	1.10E-03	lb/Mgal



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U23 Boiler #5 - Boiler #5 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO2		0.29	0.00									AP-42	2.23E+04	lb/Mgal
Formaldehyde	00050-00-0	0.90	0.00									AP-42	3.00E-05	lb/gal

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U24 Boiler #6 - Boiler #6 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)   
Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U24 Boiler #6 - Boiler #6 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Ammonia		0.01	0.00											
Arsenic compounds		0.00	0.00											
Cadmium compounds		0.03	0.00											
CO		0.08	0.00			0.00	0.00	2.58	0.00					
CO2		0.34	0.00											
Formaldehyde		1.01	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U24 Boiler #6 - Boiler #6 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Methane		0.00	0.00											
NOx (Total)		0.31	0.00	0.00	0.00	0.00	0.00							
Pb		0.00	0.00											
PM-10 (Total)		0.01	0.00											
PM-2.5 (Total)		0.01	0.00											
SO2		0.43	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U24 Boiler #6 - Boiler #6 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
TSP		0.03	0.00											
VOC (Total)		0.00	0.00			0.00	0.00							

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U24 Boiler #6 - Boiler #6 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS1

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)       Associated Permit Activity #:   
 This Source Has No Reportable Emissions for 2022       Quarterly Throughput (%)   
 Source Process Data Is Considered Confidential      Q1:  Q2:  Q3:  Q4:   
 Source Did Not Operate  
 NJDEP Default Emission Calculations

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	gallons	0	0	0	
Between 12/1/21 - 2/28/22	16,531.0000	gallons	729	32	6	
For the Entire Year of 2022	30,563.0000	gallons	1,315	60	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U24 Boiler #6 - Boiler #6 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.08	0.00			0.00	0.00	2.58	0.00			AP-42	5.00E+00	lb/Mgal
Methane		0.00	0.00									AP-42	5.20E-02	lb/Mgal
NOx (Total)		0.31	0.00	0.00	0.00	0.00	0.00					AP-42	2.00E+01	lb/Mgal
Pb		0.00	0.00									State or local agency's emission factor	1.30E-03	lb/Mgal
PM-10 (Total)		0.01	0.00									Manufacturer's Estimate or Data	9.20E-01	lb/Mgal
PM-2.5 (Total)		0.01	0.00									Manufacturer's Estimate or Data	9.20E-01	lb/Mgal

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U24 Boiler #6 - Boiler #6 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.43	0.00									Material balance using engineering knowledge of the process	2.84E+01	lb/Mgal
TSP		0.03	0.00									Manufacturer's Estimate or Data	1.84E+00	lb/Mgal
VOC (Total)		0.00	0.00			0.00	0.00					AP-42	2.00E-01	lb/Mgal
Ammonia	07664-41-7	0.01	0.00									EPA computer program based on other approved emission factor	8.00E-01	lb/Mgal
Arsenic compounds		0.00	0.00									AP-42	5.50E-04	lb/Mgal
Cadmium compounds		0.03	0.00									AP-42	1.10E-03	lb/Mgal



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U24 Boiler #6 - Boiler #6 East Campus (5.4 MMBtu/hr), Subject to MACT 40 CFR 63 Sub JJJJJ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO2		0.34	0.00									AP-42	2.23E+04	lb/Mgal
Formaldehyde	00050-00-0	1.01	0.00									AP-42	3.00E-05	lb/gal

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subjec

**Operating Scenario:** OS0 Summary

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)

Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject  
**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Arsenic compounds		0.18	0.00											
CO		0.02	0.00			5.28	0.00	3.23	0.00					
CO2		0.06	0.00											
Formaldehyde		0.00	0.00											
Methane		0.00	0.00											
NOx (Total)		0.04	0.00	0.02	0.00	12.91	0.00							

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject  
**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Pb		0.00	0.00											
PM-10 (Total)		0.00	0.00											
PM-2.5 (Total)		0.00	0.00											
SO2		0.00	0.00											
TSP		0.00	0.00											
VOC (Total)		0.00	0.00			2.77	0.00							

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subjec

**Operating Scenario:** OS0 Summary

**Step:**

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS1

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	39.0000	gallons	4	3	3	
Between 12/1/21 - 2/28/22	18.0000	gallons	2	3	3	
For the Entire Year of 2022	73.0000	gallons	7	12	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.01	0.00			1.95	0.00	0.90	0.00			Manufacturer's Estimate or Data	1.50E+00	lb/hr
Methane		0.00	0.00									AP-42	8.10E-03	lb/MMBTU
NOx (Total)		0.01	0.00	0.00	0.00	2.21	0.00					Manufacturer's Estimate or Data	1.70E+00	lb/hr
Pb		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									Manufacturer's Estimate or Data	8.60E-02	lb/hr
PM-2.5 (Total)		0.00	0.00									Manufacturer's Estimate or Data	8.60E-02	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									Manufacturer's Estimate or Data	7.10E-02	lb/hr
TSP		0.00	0.00									Manufacturer's Estimate or Data	8.60E-02	lb/hr
VOC (Total)		0.00	0.00			0.68	0.00					Manufacturer's Estimate or Data	5.20E-01	lb/hr
Arsenic compounds		0.04	0.00									AP-42	5.50E-04	lb/MMBtu
CO2		0.01	0.00									AP-42	1.64E+02	lb/MMBtu



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS2

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	40.0000	gallons	4	3	3	
Between 12/1/21 - 2/28/22	20.0000	gallons	2	3	3	
For the Entire Year of 2022	71.0000	gallons	7	12	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS2

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.01	0.00			2.00	0.00	1.00	0.00			Manufacturer's Estimate or Data	1.50E+00	lb/hr
Methane		0.00	0.00									AP-42	8.10E-03	lb/MMBTU
NOx (Total)		0.01	0.00	0.00	0.00	2.27	0.00					Manufacturer's Estimate or Data	1.70E+00	lb/hr
Pb		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									Manufacturer's Estimate or Data	8.60E-02	lb/hr
PM-2.5 (Total)		0.00	0.00									Manufacturer's Estimate or Data	8.60E-02	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS2

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									Manufacturer's Estimate or Data	7.10E-02	lb/hr
TSP		0.00	0.00									Manufacturer's Estimate or Data	8.60E-02	lb/hr
VOC (Total)		0.00	0.00			0.69	0.00					Manufacturer's Estimate or Data	5.20E-01	lb/hr
Arsenic compounds		0.04	0.00									AP-42	5.50E-04	lb/MMft <sup>3</sup>
CO2		0.01	0.00									AP-42	1.64E+02	lb/MMBTU
Formaldehyde	00050-00-0	0.00	0.00									AP-42	3.00E-05	lb/gal

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS3

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	13.0000	gallons	2	3	3	
Between 12/1/21 - 2/28/22	13.0000	gallons	2	3	3	
For the Entire Year of 2022	50.0000	gallons	5	12	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS3

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.00	0.00			0.21	0.00	0.21	0.00			Manufacturer's Estimate or Data	3.10E-01	lb/hr
Methane		0.00	0.00									AP-42	8.10E-03	lb/MMBTU
NOx (Total)		0.00	0.00	0.00	0.00	0.81	0.00					Manufacturer's Estimate or Data	1.20E+00	lb/hr
Pb		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									Manufacturer's Estimate or Data	5.20E-02	lb/hr
PM-2.5 (Total)		0.00	0.00									Manufacturer's Estimate or Data	5.20E-02	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject  
**Operating Scenario:** OS3

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
TSP		0.00	0.00									Manufacturer's Estimate or Data	5.20E-02	lb/hr
VOC (Total)		0.00	0.00			0.31	0.00					Manufacturer's Estimate or Data	4.70E-01	lb/hr
Arsenic compounds		0.03	0.00									AP-42	5.50E-04	lb/MMBtu
CO2		0.01	0.00									AP-42	1.64E+02	lb/MMBTU

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS4

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	12.0000	gallons	2	3	3	
Between 12/1/21 - 2/28/22	22.0000	gallons	3	3	3	
For the Entire Year of 2022	62.0000	gallons	7	12	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS4

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.00	0.00			0.21	0.00	0.31	0.00			Manufacturer's Estimate or Data	3.10E-01	lb/hr
Methane		0.00	0.00									AP-42	8.10E-03	lb/MMBTU
NOx (Total)		0.00	0.00	0.00	0.00	0.00	0.00					Manufacturer's Estimate or Data	1.20E+00	lb/hr
Pb		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									Manufacturer's Estimate or Data	5.20E-02	lb/hr
PM-2.5 (Total)		0.00	0.00									Manufacturer's Estimate or Data	5.20E-02	lb/hr



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS4

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
TSP		0.00	0.00									Manufacturer's Estimate or Data	5.20E-02	lb/hr
VOC (Total)		0.00	0.00			0.31	0.00					Manufacturer's Estimate or Data	4.70E-01	lb/hr
Arsenic compounds		0.03	0.00									AP-42	5.50E-04	lb/MMBtu
CO2		0.01	0.00									AP-42	1.64E+02	lb/MMBtu

## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS5

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

### Process Data

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	11.0000	gallons	2	3	3	
Between 12/1/21 - 2/28/22	12.0000	gallons	2	3	3	
For the Entire Year of 2022	46.0000	gallons	5	12	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS5

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.00	0.00			0.21	0.00	0.21	0.00			Manufacturer's Estimate or Data	3.10E-01	lb/hr
Methane		0.00	0.00									AP-42	8.10E-03	lb/MMBTU
NOx (Total)		0.00	0.00	0.00	0.00	0.81	0.00					Manufacturer's Estimate or Data	1.20E+00	lb/hr
Pb		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									Manufacturer's Estimate or Data	5.20E-02	lb/hr
PM-2.5 (Total)		0.00	0.00									Manufacturer's Estimate or Data	5.20E-02	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject  
**Operating Scenario:** OS5

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
TSP		0.00	0.00									Manufacturer's Estimate or Data	5.20E-02	lb/hr
VOC (Total)		0.00	0.00			0.31	0.00					Manufacturer's Estimate or Data	4.70E-01	lb/hr
CO2		0.01	0.00									AP-42	1.64E+02	lb/MMBTU

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS6

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	13.0000	gallons	2	3	3	
Between 12/1/21 - 2/28/22	9.0000	gallons	1	3	3	
For the Entire Year of 2022	46.0000	gallons	5	12	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS6

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.00	0.00			0.21	0.00	0.10	0.00			Manufacturer's Estimate or Data	3.10E-01	lb/hr
Methane		0.00	0.00									AP-42	8.10E-03	lb/MMBTU
NOx (Total)		0.00	0.00	0.00	0.00	0.81	0.00					Manufacturer's Estimate or Data	1.20E+00	lb/hr
Pb		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									Manufacturer's Estimate or Data	5.20E-02	lb/hr
PM-2.5 (Total)		0.00	0.00									Manufacturer's Estimate or Data	5.20E-02	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject  
**Operating Scenario:** OS6

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
TSP		0.00	0.00									Manufacturer's Estimate or Data	5.20E-02	lb/hr
VOC (Total)		0.00	0.00			0.31	0.00					Manufacturer's Estimate or Data	4.70E-01	lb/hr
CO2		0.01	0.00									AP-42	1.64E+02	lb/MMBTU

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject  
**Operating Scenario:** OS33

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)

Q1:  Q2:  Q3:  Q4:



## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS103

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

### Process Data

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	44.0000	gallons	2	3	3	
Between 12/1/21 - 2/28/22	41.0000	gallons	2	3	3	
For the Entire Year of 2022	153.0000	gallons	5	12	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS103

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.00	0.00			0.33	0.00	0.33	0.00			Manufacturer's Estimate or Data	2.60E-01	lb/hr
Methane		0.00	0.00									AP-42	8.10E-03	lb/MMBTU
NOx (Total)		0.02	0.00	0.01	0.00	5.02	0.00					Manufacturer's Estimate or Data	7.50E+00	lb/hr
Pb		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									Manufacturer's Estimate or Data	8.00E-02	lb/hr
PM-2.5 (Total)		0.00	0.00									Manufacturer's Estimate or Data	8.00E-02	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject  
**Operating Scenario:** OS103

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									Manufacturer's Estimate or Data	2.50E-01	lb/hr
TSP		0.00	0.00									Manufacturer's Estimate or Data	8.00E-02	lb/hr
VOC (Total)		0.00	0.00			0.12	0.00					Manufacturer's Estimate or Data	1.80E-01	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject

**Operating Scenario:** OS200

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	19.0000	gallons	2	3	3	
Between 12/1/21 - 2/28/22	11.0000	gallons	2	3	3	
For the Entire Year of 2022	65.0000	gallons	5	12	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject  
**Operating Scenario:** OS200

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.01	0.00			0.17	0.00	0.17	0.00			Manufacturer's Estimate or Data	2.60E-01	lb/hr
Methane		0.00	0.00									AP-42	8.10E-03	lb/MMBTU
NOx (Total)		0.00	0.00	0.00	0.00	0.97	0.00					Manufacturer's Estimate or Data	1.46E+00	lb/hr
Pb		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									Manufacturer's Estimate or Data	5.00E-02	lb/hr
PM-2.5 (Total)		0.00	0.00									Manufacturer's Estimate or Data	5.00E-02	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U25 Emer Gens - Emergency Generators, Nine Diesel-fired (Upper Res, Freshman Res, Burch, Bartlett, Sozio, Rogers, CSI, NJCSTME) subject  
**Operating Scenario:** OS200

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
TSP		0.00	0.00									Manufacturer's Estimate or Data	5.00E-02	lb/hr
VOC (Total)		0.00	0.00			0.03	0.00					Manufacturer's Estimate or Data	4.00E-02	lb/hr
Arsenic compounds		0.04	0.00									AP-42	5.50E-04	lb/ton
Formaldehyde	00050-00-0	0.00	0.00									AP-42	3.00E-05	lb/gal

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U26 Tech 1&2 EG - Emergency Generators, Two 250 kW Natural Gas fired at TECH, subject to NSPS 40 CFR 60 Subpart JJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)

Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U26 Tech 1&2 EG - Emergency Generators, Two 250 kW Natural Gas fired at TECH, subject to NSPS 40 CFR 60 Subpart JJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Arsenic compounds		0.00	0.00											
Cadmium compounds		0.00	0.00											
CO		0.05	0.00			11.58	0.00	0.88	0.00					
Formaldehyde		0.08	0.00											
Methane		0.18	0.00											
NOx (Total)		0.39	0.00	0.37	0.00	94.74	0.00							



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U26 Tech 1&2 EG - Emergency Generators, Two 250 kW Natural Gas fired at TECH, subject to NSPS 40 CFR 60 Subpart JJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Pb		0.00	0.00											
PM-10 (Total)		0.00	0.00											
PM-2.5 (Total)		0.00	0.00											
SO2		0.00	0.00											
TSP		0.00	0.00											
VOC (Total)		0.02	0.00			3.51	0.00							

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item: U26 Tech 1&2 EG - Emergency Generators, Two 250 kW Natural Gas fired at TECH, subject to NSPS 40 CFR 60 Subpart JJJ**

**Operating Scenario: OS0 Summary**

**Step:**

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U26 Tech 1&2 EG - Emergency Generators, Two 250 kW Natural Gas fired at TECH, subject to NSPS 40 CFR 60 Subpart JJJ

**Operating Scenario:** OS1

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.4799	MMft <sup>3</sup>	124	7	3	
Between 12/1/21 - 2/28/22	0.0128	MMft <sup>3</sup>	4	3	3	
For the Entire Year of 2022	0.5197	MMft <sup>3</sup>	135	16	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U26 Tech 1&2 EG - Emergency Generators, Two 250 kW Natural Gas fired at TECH, subject to NSPS 40 CFR 60 Subpart JJJ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.02	0.00			5.85	0.00	0.44	0.00			Manufacturer's Estimate or Data	3.30E-01	lb/hr
Methane		0.08	0.00									Manufacturer's Estimate or Data	1.25E+00	lb/hr
NOx (Total)		0.18	0.00	0.17	0.00	47.83	0.00					Manufacturer's Estimate or Data	2.70E+00	lb/hr
Pb		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									Manufacturer's Estimate or Data	3.87E-02	lb/hr
PM-2.5 (Total)		0.00	0.00									Manufacturer's Estimate or Data	3.87E-02	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U26 Tech 1&2 EG - Emergency Generators, Two 250 kW Natural Gas fired at TECH, subject to NSPS 40 CFR 60 Subpart JJJJ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									Manufacturer's Estimate or Data	5.00E-02	lb/hr
TSP		0.00	0.00									Manufacturer's Estimate or Data	3.87E-02	lb/hr
VOC (Total)		0.01	0.00			1.77	0.00					Manufacturer's Estimate or Data	1.00E-01	lb/hr
Arsenic compounds		0.00	0.00									AP-42	2.00E-04	lb/MMft <sup>3</sup>
Cadmium compounds		0.00	0.00									AP-42	1.10E-03	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.04	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U26 Tech 1&2 EG - Emergency Generators, Two 250 kW Natural Gas fired at TECH, subject to NSPS 40 CFR 60 Subpart JJJ

**Operating Scenario:** OS2

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.5344	MMft <sup>3</sup>	139	8	3	
Between 12/1/21 - 2/28/22	0.0155	MMft <sup>3</sup>	4	3	3	
For the Entire Year of 2022	0.5921	MMft <sup>3</sup>	153	17	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U26 Tech 1&2 EG - Emergency Generators, Two 250 kW Natural Gas fired at TECH, subject to NSPS 40 CFR 60 Subpart JJJ

**Operating Scenario:** OS2

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.03	0.00			5.73	0.00	0.44	0.00			Manufacturer's Estimate or Data	3.30E-01	lb/hr
Methane		0.10	0.00									Manufacturer's Estimate or Data	1.25E+00	lb/hr
NOx (Total)		0.21	0.00	0.20	0.00	46.91	0.00					Manufacturer's Estimate or Data	2.70E+00	lb/hr
Pb		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									Manufacturer's Estimate or Data	3.87E-02	lb/hr
PM-2.5 (Total)		0.00	0.00									Manufacturer's Estimate or Data	3.87E-02	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U26 Tech 1&2 EG - Emergency Generators, Two 250 kW Natural Gas fired at TECH, subject to NSPS 40 CFR 60 Subpart JJJJ

**Operating Scenario:** OS2

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									Manufacturer's Estimate or Data	5.00E-02	lb/hr
TSP		0.00	0.00									Manufacturer's Estimate or Data	3.87E-02	lb/hr
VOC (Total)		0.01	0.00			1.74	0.00					Manufacturer's Estimate or Data	1.00E-01	lb/hr
Arsenic compounds		0.00	0.00									AP-42	2.00E-04	lb/MMft <sup>3</sup>
Cadmium compounds		0.00	0.00									AP-42	1.10E-03	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.04	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U27 CAS EG - Emergency Generator, Diesel-fired at CAS (1.12 MMBtu/hr), subject to MACT 40 CFR 63 Subpart ZZZZ

**Operating Scenario:** OS0 Summary

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)   
Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U27 CAS EG - Emergency Generator, Diesel-fired at CAS (1.12 MMBtu/hr), subject to MACT 40 CFR 63 Subpart ZZZZ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.00	0.00			0.37	0.00	0.04	0.00					
Methane		0.00	0.00											
NOx (Total)		0.00	0.00	0.00	0.00	0.92	0.00							
Pb		0.00	0.00											
PM-10 (Total)		0.00	0.00											
PM-2.5 (Total)		0.00	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U27 CAS EG - Emergency Generator, Diesel-fired at CAS (1.12 MMBtu/hr), subject to MACT 40 CFR 63 Subpart ZZZZ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00											
TSP		0.00	0.00											
VOC (Total)		0.00	0.00			0.01	0.00							

**Kean University (41735)**

Date: 7/18/2023

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U27 CAS EG - Emergency Generator, Diesel-fired at CAS (1.12 MMBtu/hr), subject to MACT 40 CFR 63 Subpart ZZZZ

**Operating Scenario:** OS0 Summary

**Step:**

## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** U27 CAS EG - Emergency Generator, Diesel-fired at CAS (1.12 MMBtu/hr), subject to MACT 40 CFR 63 Subpart ZZZZ

**Operating Scenario:** OS1

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

### Process Data

#### Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	6.0000	gallons	1	3	3	
Between 12/1/21 - 2/28/22	4.0000	gallons	1	3	3	
For the Entire Year of 2022	22.0000	gallons	3	12	12	

#### Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U27 CAS EG - Emergency Generator, Diesel-fired at CAS (1.12 MMBtu/hr), subject to MACT 40 CFR 63 Subpart ZZZZ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.00	0.00			0.37	0.00	0.04	0.00			Manufacturer's Estimate or Data	1.10E-01	lb/hr
Methane		0.00	0.00									AP-42	8.10E-03	lb/MMBTU
NOx (Total)		0.00	0.00	0.00	0.00	0.92	0.00					Manufacturer's Estimate or Data	2.76E+00	lb/hr
Pb		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									Manufacturer's Estimate or Data	3.50E-01	lb/hr
PM-2.5 (Total)		0.00	0.00									Manufacturer's Estimate or Data	3.50E-01	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U27 CAS EG - Emergency Generator, Diesel-fired at CAS (1.12 MMBtu/hr), subject to MACT 40 CFR 63 Subpart ZZZZ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									Manufacturer's Estimate or Data	6.00E-02	lb/hr
TSP		0.00	0.00									Manufacturer's Estimate or Data	3.50E-01	lb/hr
VOC (Total)		0.00	0.00			0.01	0.00					Manufacturer's Estimate or Data	2.00E-02	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U44 NAAB EM Gen - Emergency Generator 300 kW Diesel-fired (3.13 MMBTU/hr) subject to NSPS 40 CFR 60 Subpart IIII (EG-003-2)

**Operating Scenario:** OS0 Summary

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)   
Q1:  Q2:  Q3:  Q4:



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U44 NAAB EM Gen - Emergency Generator 300 kW Diesel-fired (3.13 MMBTU/hr) subject to NSPS 40 CFR 60 Subpart IIII (EG-003-2)

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.00	0.00			0.17	0.00	0.17	0.00					
CO2		0.03	0.00											
Methane		0.00	0.00											
NOx (Total)		0.00	0.00	0.00	0.00	0.97	0.00							
Pb		0.00	0.00											
PM-10 (Total)		0.00	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U44 NAAB EM Gen - Emergency Generator 300 kW Diesel-fired (3.13 MMBTU/hr) subject to NSPS 40 CFR 60 Subpart IIII (EG-003-2)

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
PM-2.5 (Total)		0.00	0.00											
SO2		0.00	0.00											
TSP		0.00	0.00											
VOC (Total)		0.00	0.00			0.03	0.00							

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item: U44 NAAB EM Gen - Emergency Generator 300 kW Diesel-fired (3.13 MMBTU/hr) subject to NSPS 40 CFR 60 Subpart IIII (EG-003-2)**

**Operating Scenario: OS0 Summary**

**Step:**

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U44 NAAB EM Gen - Emergency Generator 300 kW Diesel-fired (3.13 MMBTU/hr) subject to NSPS 40 CFR 60 Subpart IIII (EG-003-2)

**Operating Scenario:** OS1

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	12.0000	gallons	2	3	3	
Between 12/1/21 - 2/28/22	12.0000	gallons	2	3	3	
For the Entire Year of 2022	47.0000	gallons	5	12	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U44 NAAB EM Gen - Emergency Generator 300 kW Diesel-fired (3.13 MMBTU/hr) subject to NSPS 40 CFR 60 Subpart IIII (EG-003-2)

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.00	0.00			0.17	0.00	0.17	0.00			Manufacturer's Estimate or Data	2.60E-01	lb/hr
Methane		0.00	0.00									AP-42	8.10E-03	lb/MMBTU
NOx (Total)		0.00	0.00	0.00	0.00	0.97	0.00					Manufacturer's Estimate or Data	1.46E+00	lb/hr
Pb		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									Manufacturer's Estimate or Data	5.00E-02	lb/hr
PM-2.5 (Total)		0.00	0.00									Manufacturer's Estimate or Data	5.00E-02	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U44 NAAB EM Gen - Emergency Generator 300 kW Diesel-fired (3.13 MMBTU/hr) subject to NSPS 40 CFR 60 Subpart IIII (EG-003-2)

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									Manufacturer's Estimate or Data	0.00E+00	lb/hr
TSP		0.00	0.00									Manufacturer's Estimate or Data	5.00E-02	lb/hr
VOC (Total)		0.00	0.00			0.03	0.00					Manufacturer's Estimate or Data	4.00E-02	lb/hr
CO2		0.03	0.00									AP-42	1.64E+02	lb/MMBTU

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U47 Coug Hall EG - Emergency Generator 115 kW (1.4 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)   
Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U47 Coug Hall EG - Emergency Generator 115 kW (1.4 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.00	0.00			0.68	0.00	0.51	0.00					
CO2		0.00	0.00											
Formaldehyde		0.00	0.00											
Methane		0.01	0.00											
NOx (Total)		0.01	0.00	0.00	0.00	1.98	0.00							
Pb		0.00	0.00											



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U47 Coug Hall EG - Emergency Generator 115 kW (1.4 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
PM-10 (Total)		0.00	0.00											
PM-2.5 (Total)		0.00	0.00											
SO2		0.00	0.00											
TSP		0.00	0.00											
VOC (Total)		0.00	0.00			0.21	0.00							

**Kean University (41735)**

Date: 7/18/2023

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U47 Coug Hall EG - Emergency Generator 115 kW (1.4 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJJ

**Operating Scenario:** OS0 Summary

**Step:**

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U47 Coug Hall EG - Emergency Generator 115 kW (1.4 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJJ

**Operating Scenario:** OS1

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0021	MMft <sup>3</sup>	2	3	3	
Between 12/1/21 - 2/28/22	0.0014	MMft <sup>3</sup>	1	2	2	
For the Entire Year of 2022	0.0083	MMft <sup>3</sup>	6	12	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U47 Coug Hall EG - Emergency Generator 115 kW (1.4 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJJ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.00	0.00			0.68	0.00	0.51	0.00			Manufacturer's Estimate or Data	1.03E+00	lb/hr
Methane		0.01	0.00									AP-42	1.75E+00	lb/hr
NOx (Total)		0.01	0.00	0.00	0.00	1.98	0.00					Manufacturer's Estimate or Data	2.96E+00	lb/hr
Pb		0.00	0.00									AP-42	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									Manufacturer's Estimate or Data	1.16E-01	lb/hr
PM-2.5 (Total)		0.00	0.00									Manufacturer's Estimate or Data	1.16E-01	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U47 Coug Hall EG - Emergency Generator 115 kW (1.4 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJJ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	8.00E-04	lb/hr
TSP		0.00	0.00									Manufacturer's Estimate or Data	1.16E-01	lb/hr
VOC (Total)		0.00	0.00			0.21	0.00					Manufacturer's Estimate or Data	3.18E-01	lb/hr
CO2		0.00	0.00									Manufacturer's Estimate or Data	1.83E+02	lb/hr
Formaldehyde	00050-00-0	0.00	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS0 Summary

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)   
Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Ammonia		0.01	0.00											
Arsenic compounds		0.00	0.00											
Cadmium compounds		0.01	0.00											
CO		0.85	0.00			0.59	0.00	13.14	0.00					
CO2		0.99	0.00											
Formaldehyde		1.49	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Methane		0.00	0.00											
Nickel compounds		0.03	0.00											
NOx (Total)		0.97	0.00	0.07	0.00	0.70	0.00							
Pb		0.00	0.00											
PM-10 (Total)		0.06	0.00											
PM-2.5 (Total)		0.06	0.00											



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00											
TSP		0.06	0.00											
VOC (Total)		0.05	0.00			0.04	0.00							

**Kean University (41735)**

Date: 7/18/2023

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item: U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)**

**Operating Scenario: OS0 Summary**

**Step:**

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS1

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	MMft <sup>3</sup>	0	0	0	
Between 12/1/21 - 2/28/22	0.3838	MMft <sup>3</sup>	2,160	90	13	
For the Entire Year of 2022	0.9040	MMft <sup>3</sup>	4,694	196	32	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.04	0.00			0.00	0.00	0.36	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.05	0.00	0.00	0.00	0.00	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.00	0.00			0.00	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.05	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.07	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS2

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	MMft <sup>3</sup>	0	0	0	
Between 12/1/21 - 2/28/22	0.3565	MMft <sup>3</sup>	2,160	90	13	
For the Entire Year of 2022	0.8398	MMft <sup>3</sup>	5,088	212	34	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS2

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.04	0.00			0.00	0.00	0.33	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.04	0.00	0.00	0.00	0.00	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS2

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.00	0.00			0.00	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.05	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.06	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>



## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS3

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)

Q1:  Q2:  Q3:  Q4:

### Process Data

#### Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	MMft <sup>3</sup>	0	0	0	
Between 12/1/21 - 2/28/22	0.3565	MMft <sup>3</sup>	2,160	90	13	
For the Entire Year of 2022	0.8398	MMft <sup>3</sup>	5,088	212	34	

#### Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS3

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.04	0.00			0.00	0.00	0.33	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.04	0.00	0.00	0.00	0.00	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS3

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.00	0.00			0.00	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.05	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.06	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS4

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.6300	MMft <sup>3</sup>	2,184	91	12	
Between 12/1/21 - 2/28/22	0.0000	MMft <sup>3</sup>	0	0	0	
For the Entire Year of 2022	1.0350	MMft <sup>3</sup>	3,648	151	23	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS4

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.04	0.00			0.59	0.00	0.00	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.05	0.00	0.05	0.00	0.70	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS4

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.00	0.00			0.04	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.06	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.08	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS5

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	MMft <sup>3</sup>	0	0	0	
Between 12/1/21 - 2/28/22	1.7960	MMft <sup>3</sup>	1,684	67	13	
For the Entire Year of 2022	2.5760	MMft <sup>3</sup>	1,982	176	37	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS5

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.11	0.00			0.00	0.00	2.25	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.11	0.00	0.01	0.00	0.00	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS5

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.01	0.00			0.00	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.15	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.19	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>
Nickel compounds		0.01	0.00									AP-42	2.00E-03	lb/MMBTU

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS6

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	MMft <sup>3</sup>	0	0	0	
Between 12/1/21 - 2/28/22	2.1890	MMft <sup>3</sup>	1,684	67	13	
For the Entire Year of 2022	2.5760	MMft <sup>3</sup>	1,982	176	37	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS6

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.11	0.00			0.00	0.00	2.74	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.13	0.00	0.01	0.00	0.00	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS6

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.01	0.00			0.00	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.15	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.19	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>
Nickel compounds		0.01	0.00									AP-42	2.00E-03	lb/MMBTU

## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS100

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

### Process Data

#### Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	MMft <sup>3</sup>	0	0	0	
Between 12/1/21 - 2/28/22	1.1845	MMft <sup>3</sup>	962	60	10	
For the Entire Year of 2022	3.2360	MMft <sup>3</sup>	2,406	76	14	

#### Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS100

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.14	0.00			0.00	0.00	1.66	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.16	0.00	0.00	0.00	0.00	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS100

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.01	0.00			0.00	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
Ammonia	07664-41-7	0.01	0.00									AP-42	3.20E+00	lb/MMft <sup>3</sup>
Arsenic compounds		0.00	0.00									AP-42	2.00E-04	lb/MMft <sup>3</sup>
Cadmium compounds		0.00	0.00									AP-42	1.10E-03	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS100

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO2		0.00	0.00									AP-42	1.20E+01	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.24	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>
Nickel compounds		0.01	0.00									AP-42	2.00E-03	lb/MMBTU



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS101

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	MMft <sup>3</sup>	0	0	0	
Between 12/1/21 - 2/28/22	1.0012	MMft <sup>3</sup>	816	34	6	
For the Entire Year of 2022	2.9980	MMft <sup>3</sup>	2,212	94	17	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS101

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.13	0.00			0.00	0.00	2.47	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.15	0.00	0.00	0.00	0.00	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS101

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.01	0.00			0.00	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
Ammonia	07664-41-7	0.00	0.00									AP-42	3.20E+00	lb/MMft <sup>3</sup>
Arsenic compounds		0.00	0.00									AP-42	2.00E-04	lb/MMft <sup>3</sup>
Cadmium compounds		0.00	0.00									AP-42	1.10E-03	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS101

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO2		0.18	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.22	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>
Nickel compounds		0.01	0.00									AP-42	2.00E-03	lb/MMBTU

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS102

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)   
Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS201

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	MMft <sup>3</sup>	0	0	0	
Between 12/1/21 - 2/28/22	1.5700	MMft <sup>3</sup>	2,096	88	13	
For the Entire Year of 2022	3.4200	MMft <sup>3</sup>	5,167	218	36	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS201

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.14	0.00			0.00	0.00	1.50	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.17	0.00	0.01	0.00	0.00	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS201

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.01	0.00			0.00	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
Ammonia	07664-41-7	0.00	0.00									AP-42	3.20E+00	lb/MMft <sup>3</sup>
CO2		0.21	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.26	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS202

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	MMft <sup>3</sup>	0	0	0	
Between 12/1/21 - 2/28/22	1.1290	MMft <sup>3</sup>	1,501	64	9	
For the Entire Year of 2022	1.4140	MMft <sup>3</sup>	2,143	92	16	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS202

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.06	0.00			0.00	0.00	1.49	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.07	0.00	0.00	0.00	0.00	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U100 NG Boilers - Eleven Natural Gas-fired Boilers/Chillers/Heaters (< 5 MMBtu/hr each)

**Operating Scenario:** OS202

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.00	0.00			0.00	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.08	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.11	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U101 NG Boilers - Two NG Boilers (1 MMBtu/hr each) at the Wilkins

**Operating Scenario:** OS0 Summary

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)   
Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U101 NG Boilers - Two NG Boilers (1 MMBtu/hr each) at the Wilkins

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Ammonia		0.01	0.00											
CO		0.26	0.00			0.00	0.00	3.18	0.00					
CO2		0.37	0.00											
Formaldehyde		0.46	0.00											
Methane		0.00	0.00											
Nickel compounds		0.02	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U101 NG Boilers - Two NG Boilers (1 MMBtu/hr each) at the Wilkins

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
NOx (Total)		0.31	0.00	0.01	0.00	0.00	0.00							
Pb		0.00	0.00											
PM-10 (Total)		0.02	0.00											
PM-2.5 (Total)		0.02	0.00											
SO2		0.00	0.00											
TSP		0.02	0.00											

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U101 NG Boilers - Two NG Boilers (1 MMBtu/hr each) at the Wilkins

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
VOC (Total)		0.02	0.00			0.00	0.00							

## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** U101 NG Boilers - Two NG Boilers (1 MMBtu/hr each) at the Wilkins

**Operating Scenario:** OS1

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)

Q1:  Q2:  Q3:  Q4:

### Process Data

#### Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	MMft <sup>3</sup>	0	0	0	
Between 12/1/21 - 2/28/22	1.4300	MMft <sup>3</sup>	1,788	76	12	
For the Entire Year of 2022	2.9800	MMft <sup>3</sup>	3,720	159	26	

#### Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U101 NG Boilers - Two NG Boilers (1 MMBtu/hr each) at the Wilkins

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.13	0.00			0.00	0.00	1.58	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.15	0.00	0.00	0.00	0.00	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U101 NG Boilers - Two NG Boilers (1 MMBtu/hr each) at the Wilkins

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.01	0.00			0.00	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.18	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.22	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>
Nickel compounds		0.01	0.00									AP-42	2.00E-03	lb/MMBTU

## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** U101 NG Boilers - Two NG Boilers (1 MMBtu/hr each) at the Wilkins

**Operating Scenario:** OS2

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)

Q1:  Q2:  Q3:  Q4:

### Process Data

#### Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0000	MMft <sup>3</sup>	0	0	0	
Between 12/1/21 - 2/28/22	1.4500	MMft <sup>3</sup>	1,808	76	12	
For the Entire Year of 2022	3.2000	MMft <sup>3</sup>	3,994	171	28	

#### Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U101 NG Boilers - Two NG Boilers (1 MMBtu/hr each) at the Wilkins

**Operating Scenario:** OS2

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.13	0.00			0.00	0.00	1.60	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.16	0.00	0.01	0.00	0.00	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U101 NG Boilers - Two NG Boilers (1 MMBtu/hr each) at the Wilkins

**Operating Scenario:** OS2

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.01	0.00			0.00	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
Ammonia	07664-41-7	0.01	0.00									AP-42	3.20E+00	lb/MMft <sup>3</sup>
CO2		0.19	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.24	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U101 NG Boilers - Two NG Boilers (1 MMBtu/hr each) at the Wilkins

**Operating Scenario:** OS2

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
Nickel compounds		0.01	0.00									AP-42	2.00E-03	lb/MMBTU

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS0 Summary

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)

Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.19	0.00			2.07	0.00	3.41	0.00					
CO2		0.26	0.00											
Formaldehyde		0.32	0.00											
Methane		0.00	0.00											
NOx (Total)		0.21	0.00	0.06	0.00	2.47	0.00							
Pb		0.00	0.00											



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
PM-10 (Total)		0.01	0.00											
PM-2.5 (Total)		0.01	0.00											
SO2		0.00	0.00											
TSP		0.01	0.00											
VOC (Total)		0.00	0.00			0.14	0.00							

**Kean University (41735)**

Date: 7/18/2023

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS0 Summary

**Step:**

## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS1

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

### Process Data

#### Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0690	MMft <sup>3</sup>	334	15	3	
Between 12/1/21 - 2/28/22	0.6770	MMft <sup>3</sup>	780	35	6	
For the Entire Year of 2022	1.2400	MMft <sup>3</sup>	2,390	169	28	

#### Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.05	0.00			0.39	0.00	1.62	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.06	0.00	0.01	0.00	0.46	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.00	0.00			0.03	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.07	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.09	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS2

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0860	MMft <sup>3</sup>	412	19	4	
Between 12/1/21 - 2/28/22	0.7230	MMft <sup>3</sup>	869	57	9	
For the Entire Year of 2022	1.0000	MMft <sup>3</sup>	2,956	183	32	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS2

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.06	0.00			0.38	0.00	1.07	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.07	0.00	0.01	0.00	0.45	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS2

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.01	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.00	0.00			0.03	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.09	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.11	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS3

**Step:**

**General Data**

- This Source No Longer Exists (Mark For Deletion) Associated Permit Activity #:
- This Source Has No Reportable Emissions for 2022 Quarterly Throughput (%)
- Source Process Data Is Considered Confidential Q1:  16.00 Q2:  16.00 Q3:  16.00 Q4:  52.00
- Source Did Not Operate
- NJDEP Default Emission Calculations

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.2100	MMft <sup>3</sup>	600	27	6	
Between 12/1/21 - 2/28/22	0.2100	MMft <sup>3</sup>	600	49	9	
For the Entire Year of 2022	0.8400	MMft <sup>3</sup>	2,400	173	33	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS3

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.04	0.00			0.65	0.00	0.36	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.04	0.00	0.02	0.00	0.78	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS3

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.00	0.00			0.04	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.05	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.06	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>

## New Jersey Department of Environmental Protection Emission Statement

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS4

**Step:**

### General Data

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

### Process Data

#### Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.2100	MMft <sup>3</sup>	600	27	6	
Between 12/1/21 - 2/28/22	0.2100	MMft <sup>3</sup>	600	49	9	
For the Entire Year of 2022	0.8400	MMft <sup>3</sup>	2,400	173	33	

#### Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS4

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.04	0.00			0.65	0.00	0.36	0.00			AP-42	8.40E+01	lb/MMft <sup>3</sup>
Methane		0.00	0.00									AP-42	2.30E+00	lb/MMft <sup>3</sup>
NOx (Total)		0.04	0.00	0.02	0.00	0.78	0.00					AP-42	1.00E+02	lb/MMft <sup>3</sup>
Pb		0.00	0.00									AP-42	0.00E+00	lb/MMft <sup>3</sup>
PM-10 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
PM-2.5 (Total)		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U301 NG Boilers - Four NG Boilers (> 1 MMBtu/hr each) at the Haynes

**Operating Scenario:** OS4

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									AP-42	6.00E-01	lb/MMft <sup>3</sup>
TSP		0.00	0.00									AP-42	7.60E+00	lb/MMft <sup>3</sup>
VOC (Total)		0.00	0.00			0.04	0.00					AP-42	5.50E+00	lb/MMft <sup>3</sup>
CO2		0.05	0.00									AP-42	1.20E+05	lb/MMft <sup>3</sup>
Formaldehyde	00050-00-0	0.06	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U305 Haynes EG - Emergency Generator 150 KW (1.6 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJ

**Operating Scenario:** OS0 Summary

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)   
Q1:  Q2:  Q3:  Q4:

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U305 Haynes EG - Emergency Generator 150 KW (1.6 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.00	0.00			0.29	0.00	0.43	0.00					
Formaldehyde		0.00	0.00											
Methane		0.00	0.00											
NOx (Total)		0.00	0.00	0.00	0.00	0.17	0.00							
Pb		0.00	0.00											
PM-10 (Total)		0.00	0.00											



**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U305 Haynes EG - Emergency Generator 150 KW (1.6 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJ

**Operating Scenario:** OS0 Summary

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
PM-2.5 (Total)		0.00	0.00											
SO2		0.00	0.00											
TSP		0.00	0.00											
VOC (Total)		0.00	0.00			0.09	0.00							

**Kean University (41735)**

Date: 7/18/2023

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item: U305 Haynes EG - Emergency Generator 150 KW (1.6 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJ**

**Operating Scenario: OS0 Summary**

**Step:**

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U305 Haynes EG - Emergency Generator 150 KW (1.6 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJ

**Operating Scenario:** OS1

**Step:**

**General Data**

This Source No Longer Exists (Mark For Deletion)

This Source Has No Reportable Emissions for 2022

Source Process Data Is Considered Confidential

Source Did Not Operate

NJDEP Default Emission Calculations

Associated Permit Activity #:

Quarterly Throughput (%)  
 Q1:  Q2:  Q3:  Q4:

**Process Data**

Source Operation Information

	Operating Amount		Operating Time			Number of Batches Run
	Amount Processed	Units	Hours	Days	Weeks	
Between 6/1/22 - 8/31/22	0.0011	MMft <sup>3</sup>	1	3	3	
Between 12/1/21 - 2/28/22	0.0019	MMft <sup>3</sup>	1	2	2	
For the Entire Year of 2022	0.0052	MMft <sup>3</sup>	3	12	12	

Additional Batch Process Information

Amount per Batch

Units

Batch Run Time (Hours)

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U305 Haynes EG - Emergency Generator 150 KW (1.6 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
CO		0.00	0.00			0.29	0.00	0.43	0.00			Manufacturer's Estimate or Data	8.60E-01	lb/hr
Methane		0.00	0.00									Manufacturer's Estimate or Data	1.25E+00	lb/hr
NOx (Total)		0.00	0.00	0.00	0.00	0.17	0.00					Manufacturer's Estimate or Data	5.00E-01	lb/hr
Pb		0.00	0.00									AP-42	0.00E+00	lb/hr
PM-10 (Total)		0.00	0.00									State or local agency's emission factor	9.60E-01	lb/hr
PM-2.5 (Total)		0.00	0.00									State or local agency's emission factor	9.60E-01	lb/hr

**New Jersey Department of Environmental Protection  
Emission Statement**

**Subject Item:** U305 Haynes EG - Emergency Generator 150 KW (1.6 MMBtu/hr) subject to NSPS 40 CFR 60 Subpart JJJ

**Operating Scenario:** OS1

**Step:**

**Emissions Data**

Air Contaminant		Actual Emission Rates										Calculation Methodology Code	Emission Factors	
		2022 (Tons/Yr) (1000 tons/yr for CO2 only) (Lbs/Yr for TAPs only)		5/1/22-9/30/22 (Tons/Season)		6/1/22-8/31/22 (Lbs/Day)		12/1/21-2/28/22 (Lbs/Day)		Batch (Lbs/Batch)			Value	Units
Name	CAS Number	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive	Total	Fugitive			
SO2		0.00	0.00									Manufacturer's Estimate or Data	5.00E-02	lb/hr
TSP		0.00	0.00									State or local agency's emission factor	9.60E-01	lb/hr
VOC (Total)		0.00	0.00			0.09	0.00					Manufacturer's Estimate or Data	2.60E-01	lb/hr
Formaldehyde	00050-00-0	0.00	0.00									AP-42	7.50E-02	lb/MMft <sup>3</sup>