



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF AIR POLLUTION CONTROL
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 15th Floor, Nashville, TN 37243
Telephone: (615) 532-0554, Email: Air.Pollution.Control@TN.gov

APC 102

**NON-TITLE V PERMIT APPLICATION
PROCESS OR FUEL BURNING SOURCE DESCRIPTION**

Type or print. Submit with the APC 100.			
GENERAL IDENTIFICATION AND DESCRIPTION			
1. Organization's legal name and SOS control number [as registered with the TN Secretary of State (SOS)] EM Resources LLC (SOS Control No. 392407)		2. Emission Source Reference Number TBD	
3. Is this air contaminant source subject to an NSPS or NESHAP rule? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If Yes, list rule citation, including Part, Subpart, and applicable Sections: 40 CFR 63, subp. ZZZZ, 40 CFR 60, subp. JJJJ			
4. Unique Source ID (see instructions) Compressor (Com #1)		5. Unique Emission Point ID (see instructions) Compressor (Com #1)	
6. Description of air contaminant source Gasoline Combustion Emissions			
7. Type of air contaminant source (Check only one option to the right)			
Process Emission Source: For each process emission source, submit a separate application. (Check at right and complete lines 8, 9, and 14)			<input type="checkbox"/>
Process Emission Source with in process fuel: Products of combustion contact materials heated. For each process emission source, submit a separate application. (Check at right and complete lines 8 through 14)			<input type="checkbox"/>
Non-Process fuel burning source: Products of combustion do not contact materials heated. Complete this form for each boiler or fuel burner and complete a Non-Title V Emission Point Description Form (APC 101) for each stack. (Check at right and complete lines 10 through 14)			<input checked="" type="checkbox"/>
PROCESS EMISSION SOURCE DESCRIPTION AND DATA			
8. Type of operation: Continuous <input type="checkbox"/> Batch <input checked="" type="checkbox"/>		Normal batch time 1 hour	Normal batches/day 5
9. Process material inputs and In-process solid fuels	Diagram reference	Input rates (pounds/hour)	
		Design	Actual
A.			
B.			
C.			
D.			
E.			
F.			
G.			
Totals			

* A simple process flow diagram must be attached.

DESCRIPTION OF BOILER, BURNER, ENGINE, OR OTHER FUEL BURNING SOURCE							
10. Boiler or burner data: (Complete lines 10 through 14 using a separate form for each boiler, burner, etc.)							
Serial Number 4923906298				Type of firing***			
Rated horsepower 13.4		Rated input capacity (10 ⁶ BTU/Hr.) 0.096		Other rating (specify capacity and units)			
Date constructed 2019		Date manufactured 2019		Date of last modification (explain in comments below) N/A			
** Source with a common stack will have the same stack number. *** Cyclone, spreader (with or without reinjection), pulverized (wet or dry bottom, with or without reinjection), other stoker (specify type, hand fired, automatic, or other type (describe below in comments).							
FUEL USED IN BOILER, BURNER, ENGINE, OR OTHER FUEL BURNING SOURCE							
11. Fuel data: (Complete for a process emission source with in process fuel or a non-process fuel burning source)							
Primary fuel type (specify) Gasoline				Standby fuel type(s) (specify)			
Fuels used	Annual usage	Hourly usage		% Sulfur	% Ash	BTU value of fuel	(For APC use only) SCC code
		Design	Average				
Natural gas:	10 ⁶ Cu. Ft.	Cu. Ft.	Cu. Ft.	//////// ////////	//// ////	1,000	
#2 Fuel oil:	10 ³ Gal.	Gal.	Gal.		//// ////		
#5 Fuel oil:	10 ³ Gal.	Gal.	Gal.		//// ////		
#6 Fuel oil:	10 ³ Gal.	Gal.	Gal.		//// ////		
Coal:	Tons	Lbs.	Lbs.				
Wood:	Tons	Lbs.	Lbs.	//////// ////////	//// ////		
Liquid propane:	10 ³ Gal.	Gal.	Gal.	//////// ////////	//// ////	85,000	
Other (specify type & units): Gasoline	938	0.75 gal	0.75 gal			125,000	
12. If Wood is used as a fuel, specify types and estimate percent by weight of bark							
13. If Wood is used with other fuels, specify percent by weight of wood charged to the burner.							

14. Comments**SIGNATURE**

If this form is being submitted at the same time as an APC 100 form, then a signature is not required on this form. Date this form regardless of whether a signature is provided. If this form is NOT being submitted at the same time as an APC 100 form, then a signature is required.

Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above mentioned facility, certify that the information contained in this application is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

15. Signature		Date
Mark Cummings <small>Digitally signed by Mark Cummings Date: 2022.08.09 17:27:43 -04'00'</small>		August 9, 2022
Signer's name (type or print)	Title	Phone number with area code
Mark Cummings	Sr. Environmental Manager	(470) 599-3836



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF AIR POLLUTION CONTROL
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 15th Floor, Nashville, TN 37243
Telephone: (615) 532-0554, Email: Air.Pollution.Control@TN.gov

APC 102

NON-TITLE V PERMIT APPLICATION
PROCESS OR FUEL BURNING SOURCE DESCRIPTION

Type or print. Submit with the APC 100.			
GENERAL IDENTIFICATION AND DESCRIPTION			
1. Organization's legal name and SOS control number [as registered with the TN Secretary of State (SOS)] EM Resources LLC (SOS Control No. 392407)		2. Emission Source Reference Number TBD	
3. Is this air contaminant source subject to an NSPS or NESHAP rule? If Yes, list rule citation, including Part, Subpart, and applicable Sections: 40 CFR 63, subp. ZZZZ, 40 CFR 60, subp. JJJJ		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4. Unique Source ID (see instructions) Compressor (Com #2)		5. Unique Emission Point ID (see instructions) Compressor (Com #2)	
6. Description of air contaminant source Gasoline Combustion Emissions			
7. Type of air contaminant source (Check only one option to the right)			
Process Emission Source: For each process emission source, submit a separate application. (Check at right and complete lines 8, 9, and 14)			<input type="checkbox"/>
Process Emission Source with in process fuel: Products of combustion contact materials heated. For each process emission source, submit a separate application. (Check at right and complete lines 8 through 14)			<input type="checkbox"/>
Non-Process fuel burning source: Products of combustion do not contact materials heated. Complete this form for each boiler or fuel burner and complete a Non-Title V Emission Point Description Form (APC 101) for each stack. (Check at right and complete lines 10 through 14)			<input checked="" type="checkbox"/>
PROCESS EMISSION SOURCE DESCRIPTION AND DATA			
8. Type of operation: Continuous <input type="checkbox"/> Batch <input checked="" type="checkbox"/>		Normal batch time 1 hour	Normal batches/day 5
9. Process material inputs and In-process solid fuels	Diagram reference	Input rates (pounds/hour)	
		Design	Actual
A.			
B.			
C.			
D.			
E.			
F.			
G.			
Totals			

* A simple process flow diagram must be attached.

DESCRIPTION OF BOILER, BURNER, ENGINE, OR OTHER FUEL BURNING SOURCE							
10. Boiler or burner data: (Complete lines 10 through 14 using a separate form for each boiler, burner, etc.)							
Serial Number 4923906298				Type of firing***			
Rated horsepower 13.4		Rated input capacity (10 ⁶ BTU/Hr.) 0.096		Other rating (specify capacity and units)			
Date constructed 2019		Date manufactured 2019		Date of last modification (explain in comments below) N/A			
** Source with a common stack will have the same stack number. *** Cyclone, spreader (with or without reinjection), pulverized (wet or dry bottom, with or without reinjection), other stoker (specify type, hand fired, automatic, or other type (describe below in comments)).							
FUEL USED IN BOILER, BURNER, ENGINE, OR OTHER FUEL BURNING SOURCE							
11. Fuel data: (Complete for a process emission source with in process fuel or a non-process fuel burning source)							
Primary fuel type (specify) Gasoline				Standby fuel type(s) (specify)			
Fuels used	Annual usage	Hourly usage		% Sulfur	% Ash	BTU value of fuel	(For APC use only) SCC code
		Design	Average				
Natural gas:	10 ⁶ Cu. Ft.	Cu. Ft.	Cu. Ft.	//////// ////////	//// ////	1,000	
#2 Fuel oil:	10 ³ Gal.	Gal.	Gal.		//// ////		
#5 Fuel oil:	10 ³ Gal.	Gal.	Gal.		//// ////		
#6 Fuel oil:	10 ³ Gal.	Gal.	Gal.		//// ////		
Coal:	Tons	Lbs.	Lbs.				
Wood:	Tons	Lbs.	Lbs.	//////// ////////	//// ////		
Liquid propane:	10 ³ Gal.	Gal.	Gal.	//////// ////////	//// ////	85,000	
Other (specify type & units): Gasoline	938	0.75 gal	0.75 gal			125,000	
12. If Wood is used as a fuel, specify types and estimate percent by weight of bark							
13. If Wood is used with other fuels, specify percent by weight of wood charged to the burner.							

14. Comments**SIGNATURE**

If this form is being submitted at the same time as an APC 100 form, then a signature is not required on this form. Date this form regardless of whether a signature is provided. If this form is NOT being submitted at the same time as an APC 100 form, then a signature is required.

Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above mentioned facility, certify that the information contained in this application is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

15. Signature		Date
Mark Cummings <small>Digitally signed by Mark Cummings Date: 2022.08.09 17:27:43 -04'00'</small>		August 9, 2022
Signer's name (type or print)	Title	Phone number with area code
Mark Cummings	Sr. Environmental Manager	(470) 599-3836



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF AIR POLLUTION CONTROL
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 15th Floor, Nashville, TN 37243
Telephone: (615) 532-0554, Email: Air.Pollution.Control@TN.gov

APC 102

NON-TITLE V PERMIT APPLICATION
PROCESS OR FUEL BURNING SOURCE DESCRIPTION

Type or print. Submit with the APC 100.			
GENERAL IDENTIFICATION AND DESCRIPTION			
1. Organization's legal name and SOS control number [as registered with the TN Secretary of State (SOS)] EM Resources LLC (SOS Control No. 392407)		2. Emission Source Reference Number TBD	
3. Is this air contaminant source subject to an NSPS or NESHAP rule? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If Yes, list rule citation, including Part, Subpart, and applicable Sections: 40 CFR 63, subp. ZZZZ, 40 CFR 60, subp. JJJJ			
4. Unique Source ID (see instructions) Generator (Gen #1)		5. Unique Emission Point ID (see instructions) Generator (Gen #1)	
6. Description of air contaminant source Gasoline Combustion Emissions			
7. Type of air contaminant source (Check only one option to the right)			
Process Emission Source: For each process emission source, submit a separate application. (Check at right and complete lines 8, 9, and 14)			<input type="checkbox"/>
Process Emission Source with in process fuel: Products of combustion contact materials heated. For each process emission source, submit a separate application. (Check at right and complete lines 8 through 14)			<input type="checkbox"/>
Non-Process fuel burning source: Products of combustion do not contact materials heated. Complete this form for each boiler or fuel burner and complete a Non-Title V Emission Point Description Form (APC 101) for each stack. (Check at right and complete lines 10 through 14)			<input checked="" type="checkbox"/>
PROCESS EMISSION SOURCE DESCRIPTION AND DATA			
8. Type of operation: Continuous <input type="checkbox"/> Batch <input checked="" type="checkbox"/>		Normal batch time 1 hour	Normal batches/day 5
9. Process material inputs and In-process solid fuels	Diagram reference	Input rates (pounds/hour)	
		Design	Actual
A.			
B.			
C.			
D.			
E.			
F.			
G.			
Totals			

* A simple process flow diagram must be attached.

DESCRIPTION OF BOILER, BURNER, ENGINE, OR OTHER FUEL BURNING SOURCE							
10. Boiler or burner data: (Complete lines 10 through 14 using a separate form for each boiler, burner, etc.)							
Serial Number 40092152				Type of firing***			
Rated horsepower 22		Rated input capacity (10 ⁶ BTU/Hr.) .158		Other rating (specify capacity and units)			
Date constructed 2019		Date manufactured 2019		Date of last modification (explain in comments below) N/A			
** Source with a common stack will have the same stack number. *** Cyclone, spreader (with or without reinjection), pulverized (wet or dry bottom, with or without reinjection), other stoker (specify type, hand fired, automatic, or other type (describe below in comments)).							
FUEL USED IN BOILER, BURNER, ENGINE, OR OTHER FUEL BURNING SOURCE							
11. Fuel data: (Complete for a process emission source with in process fuel or a non-process fuel burning source)							
Primary fuel type (specify) Gasoline				Standby fuel type(s) (specify)			
Fuels used	Annual usage	Hourly usage		% Sulfur	% Ash	BTU value of fuel	(For APC use only) SCC code
		Design	Average				
Natural gas:	10 ⁶ Cu. Ft.	Cu. Ft.	Cu. Ft.	//////// ////////	//// ////	1,000	
#2 Fuel oil:	10 ³ Gal.	Gal.	Gal.		//// ////		
#5 Fuel oil:	10 ³ Gal.	Gal.	Gal.		//// ////		
#6 Fuel oil:	10 ³ Gal.	Gal.	Gal.		//// ////		
Coal:	Tons	Lbs.	Lbs.				
Wood:	Tons	Lbs.	Lbs.	//////// ////////	//// ////		
Liquid propane:	10 ³ Gal.	Gal.	Gal.	//////// ////////	//// ////	85,000	
Other (specify type & units): Gasoline	1,500	1.23 gal	1.23 gal			125,000	
12. If Wood is used as a fuel, specify types and estimate percent by weight of bark							
13. If Wood is used with other fuels, specify percent by weight of wood charged to the burner.							

14. Comments**SIGNATURE**

If this form is being submitted at the same time as an APC 100 form, then a signature is not required on this form. Date this form regardless of whether a signature is provided. If this form is NOT being submitted at the same time as an APC 100 form, then a signature is required.

Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above mentioned facility, certify that the information contained in this application is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

15. Signature**Mark Cummings**

Digitally signed by Mark Cummings
Date: 2022.08.09 17:21:43 -04'00'

Date

August 9, 2022

Signer's name (type or print)

Mark Cummings

Title

Sr. Environmental Manager

Phone number with area code

(470) 599-3836



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF AIR POLLUTION CONTROL
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 15th Floor, Nashville, TN 37243
Telephone: (615) 532-0554, Email: Air.Pollution.Control@TN.gov

APC 102

NON-TITLE V PERMIT APPLICATION
PROCESS OR FUEL BURNING SOURCE DESCRIPTION

Type or print. Submit with the APC 100.			
GENERAL IDENTIFICATION AND DESCRIPTION			
1. Organization's legal name and SOS control number [as registered with the TN Secretary of State (SOS)] EM Resources LLC (SOS Control No. 392407)		2. Emission Source Reference Number TBD	
3. Is this air contaminant source subject to an NSPS or NESHAP rule? If Yes, list rule citation, including Part, Subpart, and applicable Sections: 40 CFR 63, subp. ZZZZ, 40 CFR 60, subp. JJJJ		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4. Unique Source ID (see instructions) Generator (Gen #2)		5. Unique Emission Point ID (see instructions) Generator (Gen #2)	
6. Description of air contaminant source Gasoline Combustion Emissions			
7. Type of air contaminant source (Check only one option to the right)			
Process Emission Source: For each process emission source, submit a separate application. (Check at right and complete lines 8, 9, and 14)			<input type="checkbox"/>
Process Emission Source with in process fuel: Products of combustion contact materials heated. For each process emission source, submit a separate application. (Check at right and complete lines 8 through 14)			<input type="checkbox"/>
Non-Process fuel burning source: Products of combustion do not contact materials heated. Complete this form for each boiler or fuel burner and complete a Non-Title V Emission Point Description Form (APC 101) for each stack. (Check at right and complete lines 10 through 14)			<input checked="" type="checkbox"/>
PROCESS EMISSION SOURCE DESCRIPTION AND DATA			
8. Type of operation: Continuous <input type="checkbox"/> Batch <input checked="" type="checkbox"/>		Normal batch time 1 hour	Normal batches/day 5
9. Process material inputs and In-process solid fuels	Diagram reference	Input rates (pounds/hour)	
		Design	Actual
A.			
B.			
C.			
D.			
E.			
F.			
G.			
Totals			

* A simple process flow diagram must be attached.

DESCRIPTION OF BOILER, BURNER, ENGINE, OR OTHER FUEL BURNING SOURCE							
10. Boiler or burner data: (Complete lines 10 through 14 using a separate form for each boiler, burner, etc.)							
Serial Number 40092152				Type of firing***			
Rated horsepower 22		Rated input capacity (10 ⁶ BTU/Hr.) .158		Other rating (specify capacity and units)			
Date constructed 2019		Date manufactured 2019		Date of last modification (explain in comments below) N/A			
** Source with a common stack will have the same stack number. *** Cyclone, spreader (with or without reinjection), pulverized (wet or dry bottom, with or without reinjection), other stoker (specify type, hand fired, automatic, or other type (describe below in comments)).							
FUEL USED IN BOILER, BURNER, ENGINE, OR OTHER FUEL BURNING SOURCE							
11. Fuel data: (Complete for a process emission source with in process fuel or a non-process fuel burning source)							
Primary fuel type (specify) Gasoline				Standby fuel type(s) (specify)			
Fuels used	Annual usage	Hourly usage		% Sulfur	% Ash	BTU value of fuel	(For APC use only) SCC code
		Design	Average				
Natural gas:	10 ⁶ Cu. Ft.	Cu. Ft.	Cu. Ft.	//////// ////////	//// ////	1,000	
#2 Fuel oil:	10 ³ Gal.	Gal.	Gal.		//// ////		
#5 Fuel oil:	10 ³ Gal.	Gal.	Gal.		//// ////		
#6 Fuel oil:	10 ³ Gal.	Gal.	Gal.		//// ////		
Coal:	Tons	Lbs.	Lbs.				
Wood:	Tons	Lbs.	Lbs.	//////// ////////	//// ////		
Liquid propane:	10 ³ Gal.	Gal.	Gal.	//////// ////////	//// ////	85,000	
Other (specify type & units): Gasoline	1,500	1.23 gal	1.23 gal			125,000	
12. If Wood is used as a fuel, specify types and estimate percent by weight of bark							
13. If Wood is used with other fuels, specify percent by weight of wood charged to the burner.							

14. Comments**SIGNATURE**

If this form is being submitted at the same time as an APC 100 form, then a signature is not required on this form. Date this form regardless of whether a signature is provided. If this form is NOT being submitted at the same time as an APC 100 form, then a signature is required.

Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above mentioned facility, certify that the information contained in this application is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

15. Signature**Mark Cummings**

Digitally signed by Mark Cummings
Date: 2022.08.09 17:21:43 -04'00'

Date

August 9, 2022

Signer's name (type or print)

Mark Cummings

Title

Sr. Environmental Manager

Phone number with area code

(470) 599-3836