

From: [Air.Pollution Control](#)
To: [APC Permitting](#)
Subject: FW: # 39-0057 477696 Renewal Application
Date: Thursday, December 28, 2023 2:07:54 PM
Attachments: [image001.png](#)
[39-0057 477696 Renewal Application.pdf](#)

From: Patrick Elrod <Patrick.Elrod@tn.gov>
Sent: Thursday, December 28, 2023 11:11 AM
To: Air.Pollution Control <Air.Pollution.Control@tn.gov>
Subject: # 39-0057 477696 Renewal Application

Mail for Mail Log...

Thanks,

Patrick

Tell us how we're doing. [Take our TDEC customer service survey.](#)



Patrick A. Elrod | Administrative Services Assistant
Air Pollution Control
Tennessee Tower, 15th Floor
312 Rosa L. Parks Ave., Nashville, TN 37243
p.615-532-0267 f. 615-532-0614
patrick.elrod@tn.gov



Fluid Routing Solutions, Inc.

39-0057
477696
Application

December 15, 2023

APC RCVD

Katherine Stephens
Environmental Protection Specialist
Division of Air Pollution Control
William R Snodgrass TN Tower 15th Floor
312 Rosa L. Parks Avenue
Nashville, TN. 37243

28 DEC 2023 AM 10:57

Hello Katherine,

Thank you for all of your support and assistance with updating our Operating Permit renewal information for FRS – Permit # 477696.. Please accept the Air Permit documentation that was requested to be reviewed and updated from previous calculations. Fluid Routing Solutions has updated all APC 102 documents with regards to actual production numbers per the request. Please review and accept this information to be considered for 2020 air permit application. If there are any questions or concerns, please do not hesitate to contact me.

Sincerely,

Riley Webb
EHS Coordinator
Fluid Routing Solutions
1921 N Broad Street
Lexington, TN 38351
(731) 968-4281 Ext: 70103
Email: riley.webb@pkoh-ac.com



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 100

**NON-TITLE V PERMIT APPLICATION
FACILITY IDENTIFICATION**

Type or print and submit. Attach appropriate source description forms.			
SITE INFORMATION			
1. Organization's legal name and SOS control number [as registered with the TN Secretary of State (SOS)] Fluid Routing Solutions TND 086935723			
2. Site name (if different from legal name) FRS			
3. Is a construction permit application fee being submitted? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (see instructions for appropriate fee to submit)			
4. Site address (St./Rd./Hwy.) 1921 Broad Street			County name
City Lexington		Zip code 38351	5. NAICS or SIC code 326220 (3052)
6. Site location (in lat. /long.)	Latitude N35° 41' 3.2"	Longitude W88° 23' 9.5"	
CONTACT INFORMATION (RESPONSIBLE PERSON)			
7. Responsible person/Authorized contact Craig Phillips			Phone number with area code (731) 967-3602
Mailing address (St./Rd./Hwy.) 1921 Broad Street			Fax number with area code 731-967-0101
City Lexington	State TN	Zip code 38351	Email address craig.phillips@pkoh-ac.com
CONTACT INFORMATION (TECHNICAL)			
8. Principal technical contact Riley Webb			Phone number with area code (731) 967-3622
Mailing address (St./Rd./Hwy.) 1921 Broad Street			Fax number with area code 731-967-0101
City Lexington	State TN	Zip code 38351	Email address riley.webb@pkoh-ac.com
CONTACT INFORMATION (BILLING)			
9. Billing contact Rhonda Johnson			Phone number with area code (731) 968-4281 Ext: 73705
Mailing address (St./Rd./Hwy.) 1921 Broad Street			Fax number with area code 731-967-0101
City Lexington	State TN	Zip code 38351	Email address rhonda.johnson@pkoh-ac.com

AIR CONTAMINANT SOURCE(S) INFORMATION

10. Description of air contaminant source(s) and Unique Source ID(s). List, identify, and briefly describe process emission sources, fuel burning installations, and incinerators that are contained in this application and include a Unique Source ID for each source. The Unique Source ID is a name/number/letter, which uniquely identifies the air contaminant source(s), like Boiler #1, Paint Line #1, Engine #1, etc. (see instructions for more details)

Existing Permit #464064 Expires May 01, 2020

Rubber Extrusion process with Solvent Application Superior S-5995

Three (3) Boilers - Natural Gas Fired

Liquid Cure Medium Unit - Uses an Oxidizing Agent, Heated

Eight (8) - Hose Curing Ovens - Steam Heat & Exhaust (Boiler Supplied)

Developmental Test Lab Ovens (Intermittent)

Various work assembly stations with super-glue application - no exhaust

11. Is the air contaminant source(s) in a nonattainment area? If "Yes", then minor source BACT must be addressed. Yes No

☐
☒

12. Normal operation:	Hours/Day 24	Days/Week 6	Weeks/Year 52	Days/Year ~302
13. Percent annual throughput	Dec. - Feb. 25	March - May 25	June - August 25	Sept. - Nov. 25

TYPE OF PERMIT REQUESTED (check appropriate box)

14. Operating permit <input checked="" type="checkbox"/>	Date construction started	Date completed	Date of ownership change (if applicable)
	Last permit number(s)	Emission Source Reference Number(s)	
Construction permit <input type="checkbox"/>	Last permit number(s)	Emission Source Reference Number(s)	

If you chose Construction permit above, then choose either New Construction, Modification, or Location Transfer

New Construction <input type="checkbox"/>	Starting date	Completion date
Modification <input type="checkbox"/>	Date modification started or will start	Date completed or will complete
Location Transfer <input type="checkbox"/>	Transfer date	Address of last location

15. Describe changes that have been made to this equipment or operation(s) since the last construction or operating permit application:

- * Will not utilize Diesel Fuel at location as back up
- * Eliminated the use of Cyclohexanone in all processes
- * Boiler #3 - manufacturer date actual is 1997

16. Comments

SIGNATURE

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.

17. Signature (application must be signed before it will be processed)

Date



12-15-23

Signer's name (type or print)

Title

Phone number with area code

Craig Phillips

Plant Manager

(731) 967-3602



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)] FLUID ROUTING SOLUTIONS, INC.		2. Emission Source Reference Number 39-0057-16	
3. Is this air contaminant source subject to an NSPS or NESHAP rule? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, list rule citation, including Part, Subpart, and applicable Sections: Hose Cure Unit			
4. Unique Source ID (see instructions) HOSE CURE		5. Unique Emission Point ID (see instructions) HOSE CURE	
6. Description of air contaminant source Hose cure unit			
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 checked="" 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 type="checkbox"/>
PROCESS EMISSION SOURCE DESCRIPTION AND DATA			
8. Type of operation: Continuous <input checked="" type="checkbox"/> Batch <input type="checkbox"/>		Normal batch time	Normal batches/day
9. Process material inputs and In-process solid fuels	Diagram reference	Input rates (pounds/hour)	
		Design	Actual
A. Rubber/Straight Hose		531 - (7 Combined)	347- (7 Combined)
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		Type of firing***	
Rated horsepower	Rated input capacity (10 ⁶ BTU/Hr.)	Other rating (specify capacity and units)	
Date constructed	Date manufactured	Date of last modification (explain in comments below)	

** 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)				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):							

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


Actuals equals Vulcanizers #2 - #6 plus 2 Vertical Vulcanizers
 Vulcanizer #7 Main Plant is out of Service
 Vulcanizers #9 & 10 in West Plant are no longer in use.

rubber compounds that best match our products is EPDM.

SIGNATURE

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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 12-15-23
Signer's name (type or print) Craig Phillips	Title Plant Manager	Phone number with area code (731) 967-3602



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)] FLUID ROUTING SOLUTIONS, INC.		2. Emission Source Reference Number 39-0057-12	
3. Is this air contaminant source subject to an NSPS or NESHAP rule? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, list rule citation, including Part, Subpart, and applicable Sections: Liquid Cure Medium Unit			
4. Unique Source ID (see instructions) LIQUID CURE MED		5. Unique Emission Point ID (see instructions) LIQUID CURE MED	
6. Description of air contaminant source Liquid cure unit			
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 checked="" 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 type="checkbox"/>
PROCESS EMISSION SOURCE DESCRIPTION AND DATA			
8. Type of operation: Continuous <input checked="" type="checkbox"/> Batch <input type="checkbox"/>		Normal batch time	Normal batches/day
9. Process material inputs and In-process solid fuels	Diagram reference	Input rates (pounds/hour)	
		Design	Actual
A. Rubber hose		531 -(2 Combined)	91.53 - (2 Combined)
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		Type of firing***	
Rated horsepower	Rated input capacity (10 ⁶ BTU/Hr.)	Other rating (specify capacity and units)	
Date constructed	Date manufactured	Date of last modification (explain in comments below)	

** 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)				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):							

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

Rubber Compound that best match our products is EPDM.

SIGNATURE

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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**

12-15-23


Signer's name (type or print)
Title**Phone number with area code**



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)] FLUID ROUTING SOLUTIONS, INC.		2. Emission Source Reference Number 39-0057-06	
3. Is this air contaminant source subject to an NSPS or NESHAP rule? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, list rule citation, including Part, Subpart, and applicable Sections: EXTRUSTION LN 3, 4A			
4. Unique Source ID (see instructions) EXTRUSTION LN 3, 4A		5. Unique Emission Point ID (see instructions) EXTRUSTION LN 3, 4A	
6. Description of air contaminant source Extrusion Lines 3 and 4A			
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 checked="" 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 type="checkbox"/>
PROCESS EMISSION SOURCE DESCRIPTION AND DATA			
8. Type of operation: Continuous <input checked="" type="checkbox"/> Batch <input type="checkbox"/>		Normal batch time	Normal batches/day
9. Process material inputs and In-process solid fuels	Diagram reference	Input rates (pounds/hour)	
		Design	Actual
A. Rubber hose		605 Combined	347 Combined
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		Type of firing***	
Rated horsepower	Rated input capacity (10 ⁶ BTU/Hr.)	Other rating (specify capacity and units)	
Date constructed	Date manufactured	Date of last modification (explain in comments below)	

** 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)				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):							

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

Totals for both lines 3 & 4a Actuals - lbs per hour.

Rubber Compounds that best match our products is the EPDM

SIGNATURE

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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**


12-15-23

Signer's name (type or print)
Craig Phillips

Title
Plant Manager

Phone number with area code
(731) 967-3602



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)] FLUID ROUTING SOLUTIONS, INC.		2. Emission Source Reference Number 39-0057-06	
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:			
4. Unique Source ID (see instructions) Cyclohexanone		5. Unique Emission Point ID (see instructions) Extrusion Lines 3 & 4	
6. Description of air contaminant source Extrusion Lines #3 & #4			
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 type="checkbox"/>
PROCESS EMISSION SOURCE DESCRIPTION AND DATA			
8. Type of operation: Continuous <input type="checkbox"/> Batch <input type="checkbox"/>		Normal batch time	Normal batches/day
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		Type of firing***	
Rated horsepower	Rated input capacity (10 ⁶ BTU/Hr.)	Other rating (specify capacity and units)	
Date constructed	Date manufactured	Date of last modification (explain in comments below)	

** 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) Natural Gas				Standby fuel type(s) (specify) None			
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):							

12. If Wood is used as a fuel, specify types and estimate percent by weight of bark

N/A

13. If Wood is used with other fuels, specify percent by weight of wood charged to the burner.

N/A

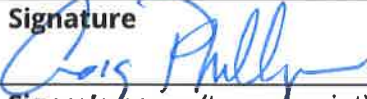
14. Comments

Cyclohexanone is no longer utilized in any extrusion process.

SIGNATURE

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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**


12-15-23

Signer's name (type or print)

Title

Phone number with area code

Craig Phillips

Plant Manager

(731) 967-3602



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)] FLUID ROUTING SOLUTIONS, INC.		2. Emission Source Reference Number 39-0057-04	
3. Is this air contaminant source subject to an NSPS or NESHAP rule? If Yes, list rule citation, including Part, Subpart, and applicable Sections:		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
4. Unique Source ID (see instructions) T13602		5. Unique Emission Point ID (see instructions) Boiler #3	
6. Description of air contaminant source Boiler #3 - Natural Gas 600 HP			
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 checked="" type="checkbox"/> Batch <input type="checkbox"/>		Normal batch time	Normal batches/day
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 0L-096989		Type of firing*** Natural Gas Burner System	
Rated horsepower 600 HP	Rated input capacity (10 ⁶ BTU/Hr.) 28194	Other rating (specify capacity and units)	
Date constructed 1997	Date manufactured 1997	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) Natural Gas				Standby fuel type(s) (specify) None				
Fuels used	Annual usage	Hourly usage		% Sulfur	% Ash	BTU value of fuel	(For APC use only)	
		Design	Average				SCC code	
Natural gas:	10 ⁶ Cu. Ft. 693072.29 Therm	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):								

12. If Wood is used as a fuel, specify types and estimate percent by weight of bark

N/A

13. If Wood is used with other fuels, specify percent by weight of wood charged to the burner.

N/A

14. Comments

Corrected Manufacture date - the date per on-hand records is 1997.

No fossil fuel can be used for this boiler unless retrofitted piping and refilled of diesel tanks on site should a catastrophic event occur resulting in natural gas unavailability.

Diesel tanks are on site but are void of fuels.

Natural Gas Annual Consumption for Boiler #3 - 693074.29 THERMS

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**

12-15-23

Signer's name (type or print)

Craig Phillips

Title

Plant Manager

Phone number with area code

(731) 967-3602

Riley Webb
Fluid Routing Solutions
1921 N Broad St
Lexington, TN 38351



Retail



37243

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LEXINGTON, TN 38351
DEC 18, 2023

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RDC 99

RETURN RECEIPT
REQUESTED

DIVISION OF AIR POLLUTION CONTROL
C/O KATHERINE STEPHENS
WILLIAM R. SNODGRASS TN TOWER 15th FLOOR
312 ROSA L. PARKS AVE
Nashville, TN

37243