From:	Air.Pollution Control
То:	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.



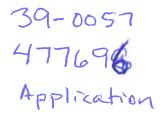
Patrick A. Elrod | Administrative Services Assistant Air Pollution Control Tennessee Tower, 15th Floor 312 Rosa L. Parks Ave., Nashville, TN 37243

p.615-532-0267 f. 615-532-0614 patrick.elrod@tn.gov



Fluid Routing Solutions, Inc.

December 15, 2023



APC RCVD

28 DEC 2023 AM10:57

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

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,

ey Wells

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

NON-TITLE V PERMIT APPLICATION FACILITY IDENTIFICATION

Type or prin	Type or print and submit. Attach appropriate source description forms.								
SITE INFORMATION									
 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 le FRS	egal name))							
3. Is a construction permit application fee being submitted? Yes No									
4. Site address (St./Rd./Hwy.) 1921 Broad Street						County name			
City Lexington			Zip coo 8351	de		5. NAICS or SIC code 326220 (3052)			
6. Site locationLatitud(in lat. /long.)N35* 41		`			Longitude W88* 23' 9.5"				
CC	ONTACT IN	FORMAT	ION (RESPONSIE	LE PERSON)				
 Responsible person/Author Craig Phillips 	ized conta	act			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 FN		p code 351	Email address craig.phillips@pkoh-ac.com				
الحركا وأرجاز فكارد الشروي فيكر والمراجع	CONTA	ACT INFO	RMAT	ION (TECH	NICAL)				
8. Principal technical contact Riley Webb					Phone numbe (731) 967-3622	er with area code 2			
Mailing address (St./Rd./Hwy 1921 Broad Street	/.)				Fax number with area code 731-967-0101				
City Lexington		State ſN		ip code 351	Email address riley.webb@pl				
	CONT	TACT INFO	ORMA	ATION (BIL					
9. Billing contact Rhonda Johnson					Phone numbe (731) 968-428	er with area code 1 Ext: 73705			
Mailing address (St./Rd./Hwy 1921 Broad Street	/.)				Fax number v 731-967-0101	vith area code			
City Lexington		State FN		ip code 351	Email address rhonda.johnso	s on@pkoh-ac.com			

	AIR CONTAI	MINANT SOU	RCE(S) INF	ORMATION	the second se		
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 p	rocess with Solvent Applic	ation Superio	r S-5995				
Three (3) Boilers - N	atural Gas Fired						
Liquid Cure Mediun	n Unit - Uses an Oxidizing .	Agent, Heated	k				
Eight (8) - Hose Curi	ng Ovens - Steam Heat &	Exhaust (Boile	er Supplied)			
Developmental Tes	t Lab Ovens (Intermittent)						
Various work assem	bly stations with super-gl	ue applicatior	n - no exha	ust			
		-1					
11. Is the air cont addressed. Ye	aminant source(s) in a ne es No	onattainmer	nt area? lf	"Yes", then minor so	ource BACT must be		
12. Normal operation:	Hours/Day 24	Days/Week 6		Weeks/Year 52	Days/Year ~302		
13. Percent annua throughput	al Dec. – Feb. 25	March – Ma 25	у	June – August 25	Sept. – Nov. 25		
	TYPE OF PERMI	T REQUESTED) (check a	ppropriate box)	And the second second		
14. Operating permit	Date construction sta	rted Date o	completed	Date of ownership	change (if applicable)		
Last permit number(s) Emission Source Reference Number(s)							
		>)	Emissi	on Source Reference N	lumber(s)		
Construction permit	Last permit number(s			on Source Reference N			
permit		5)	Emissi	on Source Reference N	lumber(s)		
permit	Last permit number(s	5)	Emissi	on Source Reference N Instruction, Modification	lumber(s)		
permit If you chose Const	Last permit number(s	5) h choose eithe	Emission er New Cor Completion	on Source Reference N Instruction, Modification	lumber(s) n, or Location Transfer		

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

17. Signature (application must be signed	Date	
Cross Philly	12-15-23	
Signer's name (type or print)	Title	Phone number with area code
Craig Phillips	Plant Manager	(731) 967-3602



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)] 2. Emission Secretary of State (SOS)] FLUID ROUTING SOLUTIONS, INC. 39-0057-16							
3. Is this air contaminant source subject to an NSPS or NESHAP rule? Yes No							
Hose Cure Unit							
4. Unique Source ID (see instructions)5. Unique Emission Point ID (see instructions)HOSE CUREHOSE CURE							
6. Description of air contaminant	source						
Hose cure unit							
7. Type of air contaminant source	(Check only one op	tion 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)							
Process Emission Source with in pro- heated. For each process emission s complete lines 8 through 14)							
Non-Process fuel burning source: Pr Complete this form for each boiler o Description Form (APC 101) for each	r fuel burner and co stack. (Check at righ	mplete a Non-Title V Emissic it and complete lines 10 thro	on Point ough 14)				
	S EMISSION SOURC	E DESCRIPTION AND DATA					
8. Type of operation: Continuous	Batch	Normal batch time	Norr	nal batches/day			
9. Process material inputs and	Diagram	Input rates	(pounds/ho				
In-process solid fuels	reference	Design		Actual			
A. Rubber/Straight Hose	-	531 - (7 Combined)	347- (7 Combined)			
В							
С.							
D.							
Ε.							
F.							
G.							
Totals							

APC 102

DESCRI	PTION	OF BOIL	ER, BURNE	R, ENGIN	IE, OR OTHE	R FUEL	BURNING SC	DU	RCE
10. Boiler or burner data: (Complete lines 10 through 14 using a separate form for each boiler, burner, etc.)									
Serial Number Type o									
Rated horsepower		Ra	ited input c	apacity (1	0 ⁶ BTU/Hr.)	Othe	r rating (speci	fy c	apacity and units)
:									
Date constructed		Date m	anufacture	d	Date of last	l modifi	cation (explair	ו in	comments below)
				~					,
** Source with a comr *** Cyclone, spreader (arbott	om with or w	ith	out rainiaction)
other stoker (specif									
							BURNING SO	_	
11. Fuel data: (Complet				-			and the second se		
Primary fuel type (s							e(s) (specify)		
Fuels used	Annu	al usage	Hour	y usage	%	%	BTU value		(For APC use only)
			Design	Average	e Sulfur	Ash	of fuel		SCC code
Natural gas:	10 ⁶ C	u. Ft.	Cu. Ft.	Cu. Ft.	////////		1 000		
					/////////	/////	1,000		
#2 Fuel oil:	10 ³ G	al.	Gal.	Gal.		/////			
					387	11111			
#5 Fuel oil:	10 ³ G	al.	Gal.	Gal.		/////			
			101			11111			
#6 Fuel oil:	10 ³ G	al.	Gal.	Gal.					
Coal:	Tons		Lbs.	Lbs.					
			200.						
Wood:	Tons		Lbs.	Lbs.				-	
			LDS.						
Linuid menonol	10 ³ G	-		Gal.				\vdash	
Liquid propane:	10° G	aı.	Gal.				85,000		
			-						
Other (specify type & units):									
12. If Wood is used as	a fuel,	specify	types and	estimate	e percent by	weigh	t of bark	-	
			-						
13. If Wood is used wit	th othe	er fuels.	specify pe	rcent bv	weight of w	ood ch	arged to the	bu	irner.
			1		Ų		0		

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

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.

15. Signature		Date (2-15-23
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

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

	Type or print. Subm	it with the APC 100.						
GENERAL IDENTIFICATION AND DESCRIPTION								
1. Organization's legal name and SOS control number [as registered with the TN 2. Emission Source Secretary of State (SOS)] Reference Number FLUID ROUTING SOLUTIONS, INC. 39-0057-12								
3. Is this air contaminant source s	ubject to an NSPS	or NESHAP rule? Yes	No	7				
If Yes, list rule citation, including P								
Liquid Cure Medium Unit								
4. Unique Source ID (see instruction	าร)	5. Unique Emission Point	ID (see ins	tructions)				
LIQUID CURE MED		LIQUID CURE MED						
6. Description of air contaminant	source							
Liquid cure unit								
7. Type of air contaminant source	(Check only one on	tion to the right)						
			cation					
Process Emission Source: For each p (Check at right and complete lines 8,		irce, submit a separate appli	cation					
Process Emission Source with in pro								
heated. For each process emission s	ource, submit a sepa	arate application. (Check at r	ight and					
complete lines 8 through 14)		1 A A A A A A A A A A A A A A A A A A A						
Non-Process fuel burning source: Pro Complete this form for each boiler o								
Description Form (APC 101) for each		-						
		E DESCRIPTION AND DATA		at fair and the start of				
8. Type of operation:		Normal batch time	Norr	nal batches/day				
Continuous 🖌	Batch							
9. Process material inputs and	Diagram	Input rates	(pounds/ho					
In-process solid fuels	reference	Design		Actual				
A. Rubber hose		531 -(2 Combined)	91.53 -	(2 Combined)				
В.								
С.								
D								
Е.								
F.								
G.								
Totals								

APC 102

DESCRI	PTION	OF BOIL	ER, BURNE	R, ENGIN	IE, OR OTHE	R FUEI	BURNING S	ου	RCE
10. Boiler or burner da	ata: (Co	mplete	lines 10 thr	ough 14 ւ	using a separ	ate for	m for each bo	oile	r, burner, etc.)
Serial Number		e of firing***							
Rated horsepower		Ra	ated input c	apacity (1	0 ⁶ BTU/Hr.)	Othe	r rating (speci	ity i	capacity and units)
Date constructed		Date m	nanufacture	d	Date of last	ate of last modification (explain in comments below)			
** Source with a com									
*** Cyclone, spreader (other stoker (speci	(with or	without	t reinjection	i), pulveri:	zed (wet or d	-			
	5 51						BURNING SO		
11. Fuel data: (Comple	te for a	process	emission s	ource wit	h in process	fuel or	a non-proces	is f	uel burning source)
Primary fuel type (s	pecify)				Standby f	fuel typ	be(s) (specify)		
Fuels used	Annu	al usage	Hour	y usage	%	%	BTU value		(For APC use only)
			Design	Average	e Sulfur	Ash	of fuel		SCC code
Natural gas:	10 ⁶ Cu	u. Ft.	Cu. Ft.	Cu. Ft.	///////// ////////////////////////////	///// /////	1,000		
#2 Fuel oil:	10 ³ G	al.	Gal.	Gal.		///// /////			
#5 Fuel oil:	10 ³ G	al.	Gal.	Gal.		///// /////			
#6 Fuel oil:	10 ³ G	al.	Gal.	Gal.		///// /////			
Coal:	Tons		Lbs.	Lbs.	-				
Wood:	Tons		Lbs.	Lbs.	1111111	 			
Liquid propane:	10 ³ G	al.	Gal.	Gal.	///////	///// /////	85,000		
Other (specify type & units):									
12. If Wood is used as	a fuel,	specify	types and	estimate	e percent by	weigh	t of bark		
13. If Wood is used wit	th othe	er fuels,	specify pe	rcent by	weight of wo	ood ch	arged to the	bu	irner.

14. Comments

Rubber Compound that best match our products is EPDM.

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.

15. Signature		Date
hais Phillip		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

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 s Secretary of State (SOS)] FLUID ROUTING SOLUTIONS, INC.								
3. Is this air contaminant source s	ubject to an NSPS	or NESHAP rule? Yes	No	/				
If Yes, list rule citation, including F	art, Subpart, and ap	plicable Sections:						
EXTRUSTION LN 3, 4A								
4. Unique Source ID (see instruction	ns)	5. Unique Emission Point	ID (see ins	tructions)				
EXTRUSTION LN 3, 4A		EXTRUSTION LN 3, 4A						
6. Description of air contaminant	source							
Extrusion Lines 3 and 4A								
7. Type of air contaminant source	(Check only one op	tion to the right)						
Process Emission Source: For each p			cation					
(Check at right and complete lines 8,		ree, submit a separate appin						
Process Emission Source with in pro-								
heated. For each process emission s complete lines 8 through 14)	ource, submit a sepa	arate application. (Check at r	ight and					
Non-Process fuel burning source: Pr	oducts of combustic	n do not contact materials h	eated.					
Complete this form for each boiler o								
Description Form (APC 101) for each								
	S EMISSION SOURC	E DESCRIPTION AND DATA Normal batch time	Norr	nal batches/day				
8. Type of operation: Continuous	Batch	Normal batch time		nai bateries/day				
9. Process material inputs and	Diagram	Input rates (pounds/ho	ur)				
In-process solid fuels	reference	Design		Actual				
A. Rubber hose		605 Combined	347	Combined				
В.								
С.								
D.								
Е.								
Fxi								
G.								
Totals								

APC 102

DESCRI	PTION	OF BOIL	ER, BURNE	R, ENGIN	E, OR OTHE	R FUEL	BURNING SC	JU	RCE
10. Boiler or burner da	ata: (Co	mplete l	lines 10 thr	ough 14 ւ	ising a separa	ate for	m for each bo	ile	r, burner, etc.)
Serial Number		e of firing***							
Rated horsepower		Ra	ated input c	apacity (1	0 ⁶ BTU/Hr.)	Othe	r rating (speci	fy (capacity and units)
Date constructed		Date m	nanufacture	d	Date of last	modifi	cation (explair	n ir	n comments below)
** Source with a com	mon sta	l ack will h	ave the sar	ne stack r	number.				
*** Cyclone, spreader (ry bott	om, with or w	ith	out reinjection),
other stoker (speci								_	
	Contract of the second						BURNING SO	_	
11. Fuel data: (Complete Complete Compl		process	emission s	ource wit				s fi	uel burning source)
Primary fuel type (s Fuels used		al usage	Hourd	ly usage	Standby 1 %	ruer typ	be(s) (specify) BTU value		(For APC use only)
Fuels used		ai usage	Design	Average		Ash	of fuel		SCC code
Natural gas:	10 ⁶ C	u Et	Cu. Ft.	Cu. Ft.	-		oriuer		Sectore
Natural gas.				cu.rt.	///////////////////////////////////////	///// /////	1,000		
#2 Fuel oil:	10 ³ G	al	Gal.	Gal.		///// /////			
#5 Fuel oil:	10 ³ G	al.	Gal.	Gal.		///// /////			
#6 Fuel oil:	10 ³ G	al.	Gal.	Gal.		11111			
Coal:	Tons		Lbs.	Lbs.					
Wood:	Tons		Lbs.	Lbs.	////////	///// /////			
Liquid propane:	10 ³ G	al.	Gal.	Gal.	1111111	///// /////	85,000		
Other (specify type & units):									
12. If Wood is used as	a fuel,	specify	types and	estimate	e percent by	weigh	t of bark		
13. If Wood is used wit	th othe	er fuels,	specify pe	rcent by	weight of w	ood ch	arged to the	bu	ırner.

14. Comments						
Totals for both lines 3 & 4a Actuals - lbs per hour.						
Rubber Compounds that best match our pr	oducts is the EPDM					
	SIGNATURE					
If this form is being submitted at the same						
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 req		s the responsible person of the above				
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				



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

Type or print. Submit with the APC 100.								
GENERAL IDENTIFICATION AND DESCRIPTION								
 Organization's legal name and 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 No No New Yes, list rule citation, including Part, Subpart, and applicable Sections:								
4. Unique Source ID (see instructio	ons)	5. Unique Emission Point	ID (see instructions)					
Cyclohexanone		Extrusion Lines 3 & 4						
6. Description of air contaminant Extrusion Lines #3 & #4	6. Description of air contaminant source Extrusion Lines #3 & #4							
7. Type of air contaminant source	e (Check only one opt	tion 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)								
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)								
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)								
PROCESS EMISSION SOURCE DESCRIPTION AND DATA								
8. Type of operation: Normal batch time Normal batches/ Continuous Batch								
9. Process material inputs and	pounds/ho	ur)						
In-process solid fuels reference Design Actual								
A								
B								
C								
D.								
E								
Fa								
G,								
Totals		20						

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 E			10 ⁶ BT	BTU/Hr.) Other rating (specify capacity and units)						
Date constructed	Date manufactured D					ate 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). 										
								BURNING SO	_	
11. Fuel data: (Complet				ource wit						
Primary fuel type (sp	-				5			e(s) (specify)		
Fuels used	Annua	l usage	Design	y usage Average	e	% Sulfur	% Ash	BTU value of fuel		(For APC use only) SCC code
Natural gas:	10 ⁶ Cu	. Ft.	Cu. Ft.	Cu. Ft.		//////////////////////////////////////	///// /////	1,000		
#2 Fuel oil:	10 ³ Ga	ıl.	Gal.	Gal.			///// /////			
#5 Fuel oil:	10 ³ Ga	ıl.	Gal.	Gal.			///// /////			
#6 Fuel oil:	10 ³ Ga	al.	Gal.	Gal.			 			
Coal:	Tons		Lbs.	Lbs.						
Wood:	Tons		Lbs.	Lbs.		////////	///// /////			
Liquid propane:	10 ³ Ga	al.	Gal.	Gal.		///////	///// /////	85,000		9
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. N/A										

		71 C 102					
14. Comments							
Cyclohexanone is no longer utilized in any extrusion process.							
	SIGNATURE						
If this form is being submitted at the same		•					
Date this form regardless of whether a sign		is NOT being submitted at the same time					
as an APC 100 form, then a signature is req		s the responsible person of the above					
Based upon information and belief formed after a reasonable inquiry, l, 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-	6-702(a)(4), this declaration is	made under penalty of perjury.					
15. Signature		Date					
Ciois Fhilly		1,2-15-23					
Signer's hame (type of print)	Title	Phone number with area code					
Craig Phillips	Plant Manager	(731) 967-3602					

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 2. Emission Source Secretary of State (SOS)] Reference Number FLUID ROUTING SOLUTIONS, INC. 39-0057-04							
	subject to an NSPS	or NESHAP rule? Yes					
3. Is this air contaminant source subject to an NSPS or NESHAP rule? Yes No If Yes, list rule citation, including Part, Subpart, and applicable Sections:							
 Unique Source ID (see instructio T13602 	 Unique Emission Poin Boiler #3 	t ID (see ins	tructions)				
6. Description of air contaminant source Boiler #3 - Natural Gas 600 HP							
7. Type of air contaminant source	(Check only one opt	tion to the right)	17				
Process Emission Source: For each process emission source, submit a separate application. (Check at right and complete lines 8, 9, and 14)							
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)							
Non-Process fuel burning source: Pr Complete this form for each boiler o Description Form (APC 101) for each	r fuel burner and co	mplete a Non-Title V Emissi	on Point	~			
	S EMISSION SOURC	E DESCRIPTION AND DATA					
8. Type of operation: Normal batch time Normal batch time Continuous Batch Image: State S							
9. Process material inputs and Diagram Input rates (pounds/hour)							
In-process solid fuels reference Design Actual A.							
B							
C							
D.							
E							
F.							
G							
Totals							

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*** 0L-096989 Natural Gas Burner System					em				
Rated horsepower 600 HP		Ra	ated input c	apacity (1 28194	ity (10 ⁶ BTU/Hr.) Other rating (specify capacity and units)				
000 HP	28194								
Date constructed	Date manufactured Date of last modification (explain in comments below						comments below)		
1997			1997				N/A		
** Source with a comr	non sta	i ack will h	have the san	ne stack	number.				
*** Cyclone, spreader (
other stoker (specif								_	
				and the second se			BURNING SO		
11. Fuel data: (Complet				ource wi					
Primary fuel type (sp					Standby %	fuel typ	e(s) (specify) BTU value	NO	(For APC use only)
Fuels used	Annu	al usage		y usage	- c	Mash	of fuel		SCC code
	10 ⁶ Cu	. 54	Design	Averag			orruer	_	Sectode
Natural gas:	693	u. Ft. 072.29 herm	Cu. Ft.	Cu. Ft.		 	1,000		
#2 Fuel oil:			Gal.	Gal.		11111			
						/////			
#5 Fuel oil:	10 ³ G	al.	Gal.	Gal.		/////			
						/////			
#6 Fuel oil:	10 ³ G	al.	Gal.	Gal.					
						/////			
Coal:	Tons		Lbs,	Lbs.					
Wood:	Tons	_	Lbs.	Lbs.					
					///////////////////////////////////////		•		
Liquid propane:	10 ³ G	al.	Gal.	Gal.	1111111	///// /////	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 wit		or fuolo	cnocify no	rcont hu	weight of w		arged to the	h	Irner
N/A	in othe	eriueis	, specity he	rcent by	WEIGHT OF W		iaigeu to the	υL	annet.

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.

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

Retail U.S. POSTAGE PAID FCM LG ENV **Rilev Webb** \geqslant LEXINGTON, TN 38351 DEC 18, 2023 Fluid Routing Solutions CERTIFIED MAIL 1921 N Broad St 37243 \$9.73 74.4 Lexington, TN 38351 RDC 99 R2305H129186-02 5249 6369 7019 1640 0000 RETURN RECEIPT REQUESTED DIVISION OF AIR POLIUTION CONTRO/ C/O KATHERINE Stephens William R. SNODERMSS TN TOWER 15th Floor 312 ROSA L. Parks Ave Mashville, TN 37243