From: <u>Air.Pollution Control</u>
To: <u>APC Permitting</u>

Subject: FW: [EXTERNAL] FW: Scan of Air Permit App Date: Thursday, July 28, 2022 10:30:31 AM
Attachments: 11-22-21 Permit App Submittal scan.pdf

Importance: High

From: Suresh Santanam <suresh@s-squareconsulting.com>

Sent: Thursday, July 28, 2022 8:38 AM

To: Doug S. Wright < Doug.S. Wright@tn.gov>

Cc: Air.Pollution Control <Air.Pollution.Control@tn.gov>; 'Sheldon Sillyman'

<ssillyman@holliston.com>; 'Mike Amyx' <mamyx@holliston.com>

Subject: [EXTERNAL] FW: Scan of Air Permit App

Importance: High

*** This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. ***

Doug,

As we discussed yesterday, here is Holliston's Title V permit renewal application submitted (as hard copy) to the Technical Secretary via mail on Nov 22, 2021.

Please let me know once you receive this email.

Thanks,

Suresh ...

Suresh Santanam, P.E.

Principal S-Square Consulting, LLC P.O. Box 463 Manlius, NY 13104

From: Sheldon Sillyman

Sent: Wednesday, July 27, 2022 12:20 PM

To: Suresh Santanam (<u>suresh@s-squareconsulting.com</u>) <<u>suresh@s-squareconsulting.com</u>>

Subject: FW: Scan of Air Permit App

Here is the 2nd copy of the Permit application.





423-357-6141 phone 800-251-0251 customer service 423-357-3893 int'l phone 800-325-0351 fax

November 22, 2021

The Technical Secretary
Tennessee Department of Environment and Conservation
Division of Air Pollution Control
William R. Snodgrass Tennessee Tower
312 Rosa R. Parks Avenue, 15th Floor
Nashville, TN 37243

RE: Title V Air Permit Renewal Application

Holliston Holdings LLC Facility, Church Hill, TN

Permit No. 568009, Source No. 37-0001

Dear Sir/Madam:

Holliston Holdings, LLC of Church Hill, TN submits the enclosed Title V air permit renewal application, as provided in the facility's current Title V permit. This application is prepared according to guidelines set forth by the Tennessee Division of Environment and Conservation and includes the required forms duly completed.

The facility is currently in compliance with applicable federal and state air regulatory requirements as provided in our Title V permit. The facility employs the "coating content" method to demonstrate compliance with the web coating MACT requirements; therefore, compliance assurance monitoring (CAM) is not applicable for our facility.

With this submittal, we kindly request timely consideration and renewal of Holliston Holdings LLC's Title V air permit. If you require any additional information, please contact Sheldon Sillyman at (423) 256-6021.

Sincerely,

Sheldon Sillyman

VP of Business Development

Holliston Holdings. LLC

Enclosures: as above

Cc: Mike Amyx, Environmental Coordinator/Holliston Holdings, LLC (w/Application Copy No. 1),

hardcopy file

Suresh Santanam, S-Square Consulting, LLC (w/o attachments)



Title V Permit Renewal Application

SOURCE NUMBER: 37-0001

(Permit Number: 568009)

COPY NO. 1
(Holliston Hardcopy File)
November 2021

Holliston Holdings, LLC 905 Holliston Mills Road Church Hill, Tennessee 37642

November 2021

Table of Contents

Title V Permit Renewal Application Source No. 37-0001 Holliston Holdings, LLC 90-6 Holliston Mills Rd, Church Hill, TN

November 2021

Section I - Forms

All APC permit application forms and associated flow diagrams

Section II - Attachments

- APC 1 Attachment List of Insignificant Sources/Emissions Units
- APC 23 Attachment Cyclone Maintenance Logsheet
- APC 26 Attachment I Facility VOC and HAP Emissions Estimation
 Procedure
- APC 26 Attachment II Letter dated February 13, 2020, Operational Flexibility Notification
- APC 26 Attachment III Coater VOC Compliance Tracking
- APC 26 Attachment IV Procedure for Calculation of HAPs from Coating and Printing
- APC 26 Attachment V Procedure for Calculation of Combustion
 Emissions from Boilers #2 and #12
- APC 26 Attachment VI Calculation Table for Coating Dryers Combustion Emissions
- APC 26 Attachment VII Calculation Table for Source #16 Tenter Ovens
 Combustion Emissions
- Actual Emissions Summary Table for Period July 1, 2020 through June 30, 2021
- Opacity Matrix Decision Tree for Visible Emission Evaluation by EPA Method 9, dated June 18, 1996 and amended September 11, 2013
- AP-42 Emission Factors from Natural Gas Combustion, Supplement to 5th Edition, Dated 7/98
- AP-42 Emission Factors for Uncontrolled Fuel Oil Combustion, 5th Edition, Dated 5/2010
- Drawing Holliston Site Facilities Layout
- Drawing Holliston Production Building Stack Locations
- Drawing Holliston Stack Layout Table (Stack Identifications)

State of Tennessee
Department of Environment and Conservation
Division of Air Pollution Control
Villiam R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 15th Floor
Nashville, TN 37243
Telephone: (615) 532-0554



TITLE V PERMIT APPLICATION APPLICATION COMPLETENESS CHECK LIST

Note to Application Completeness Check List is required by Division Rule 1200-03-09-.02(11)(d)1(ii)(I) and is used by Division staff to determine whether or not an application is complete. This checklist will be used to resolve any dispute between the applicant and the Division regarding the completeness of an application.

Section 1: Identification and Diagrams (APC 1 and APC 2)						
Requirement	Complete	In com plete				
Site Information	X					
Contact Information (Responsible Official)	×					
Contact Information (Technical)	X					
Contact Information (Billing)	×					
Type of Permit Requested	×					
Accidental Release Information	×					
Nonattainment/Additional Control Area Designation	X					
List of Valid Permits	×					
List and description of process emission sources, fuel burning installations, and incinerators	X					
Flow diagram attached?	×					
List of Insignificant Activities	×					
List of Storage Piles	X					
List of States within 50 Miles	×					
	Section 2: Emission Source Description Forms					
Forms are complete as received:						
Forms are incomplete (one or more application forms a	not submitted)					
	APC Form 3, Stack Identification					
	APC Form 4, Fuel Burning Non-Process Equipment					
	APC Form 5, Stationary Gas Turbines or Internal Con Engines	bustion				
	APC Form 6, Storage Tanks					
Forms are incomplete (missing information on the	APC Form 7, Incinerators					
following application forms):	APC Form 8, Printing Operations					
	APC Form 9, Painting and Coating Operations					
	APC Form 10, Miscellaneous Processes					
	APC Form 33, Stage I and Stage II Vapor Recovery E	quipment				
	APC Form 34, Open Burning					

CN-1430 RDA 1298

Section 3: Air Pollution Control System Forms						
orms are complete as received:						
Forms are incomplete (one or more application forms	not submitted)					
8500	pment - Miscellaneous					
	APC Form 13, Adsorbers					
Forms are incomplete (missing information on the	APC Form 14, Catalytic or 7	Fhermal Oxidation Equipme	nt			
following application forms):	APC Form 15, Cyclones/Set					
	APC Form 17, Wet Collection	on Systems				
	APC Form 18, Baghouse/Fa	bric Filters				
	Section 4: Compliance D	emonstration Forms .				
Forms are complete as received:						
Forms are incomplete (one or more application forms in	ot submitted)					
	APC Form 19, Compliance (Reporting - Description of M					
	APC Form 20, Continuous E	Emissions Monitoring				
	APC Form 21, Portable Mor	nitors				
	APC Form 22, Control Syste Parameters of a Process					
	APC Form 23, Monitoring N					
	APC Form 24, Stack Testing					
Forms are incomplete (missing information on the following application forms):	APC Form 25, Fuel Samplin					
)	APC Form 26, Recordkeepin					
	APC Form 27, Other Method					
		PC Form 28, Emissions from Process Emissions Sources / Fuel urning Installations / Incinerators				
	APC Form 29, Emissions Su Source Contained in This Ap					
	APC Form 30, Current Emis	sions Requirements and Sta	tus			
	APC Form 32, Air Monitoria	ng Net work				
Section 5: S	tatement of Completeness	and Certification of C	ompliance			
Requirement	127	Complete	In complete	Not Applicable		
Certification of Truth, Accuracy, and Completeness (F	115.0	×				
General Identification and Description (Form APC 31,		×				
Compliance Certification for Sources Currently in Com (Form APC 31, Item 3A)		×				
Compliance Certification for New Applicable Requirer (Form APC 31, Item 3B)	nents	×				
$Identification of Sources Currently \ Not in \ Compliance \ (Form \ APC \ 31, Item \ 4A)$				X		
Compliance Schedule for Sources Currently Not in Cor (Form APC 31, Item 4B)	npliance			×		
Compliance Certification for Enhanced Monitoring (Form APC 31, Item 5)				X		



CN-1430

	Section 6: Miscellaneou	s Information			
lte m	Included		Not Included		
For Title V modifications, is a description of the modification included?			\boxtimes		
Request for Permit Shield					
Calculations on which emissions-related information are based	X				
Identification of alternative operating scenarios, as applicable			×		
Explanation of any proposed exemptions from otherwise applicable requirements			×		
Other information needed for completeness (explain in comments)	×				
Describe any missing information below or in a separat	Section 7: Com	nents			
Section 8: Application Completeness					
Application is Complete	Section 8: Application (ompteteness			
			X		
Application is Incomplete					



CN-1430

State of Tennessee
Department of Environment and Conservation
Division of Air Pollution Control
William R. Snodgrass Tennessee Tower
12 Rosa L. Parks Avenue, 15th Floor
Nashville, TN 37243
Telephone: (615) 532-0554



TITLE V PERMIT APPLICATION INDEX OF AIR POLLUTION PERMIT APPLICATION FORMS

	Section 1: Identification and Diagrams	
This application contains the	APC Form 1, Facility Identification	1
following forms	APC Form 2, Operations and Flow Diagrams	22

	Section 2: Emission Source Description Forms	
		Total number of this form
	APC Form 3, Stack Identification	39
	APC Form 4, Fuel Burning Non-Process Equipment	2
	APC Form 5, Stationary Gas Turbines or Internal Combustion Engines	N/A
This application contains the following forms one form for each incinerator, printing	APC Form 6, Storage Tanks	10
	APC Form 7, Incinerators	N/A
operation, fuel burning installation, etc.):	APC Form 8, Printing Operations	1
	APC Form 9, Painting and Coating Operations	7
A	APC Form 10, Miscellaneous Processes	1
	APC Form 33, Stage I and Stage II Vapor Recovery Equipment	N/A
	APC Form 34, Open Burning	N/A

	Section 3: Air Pollution Control System Forms		
		Total number of this form	
	APC Form 11, Control Equipment - Miscellaneous	N/A	
This application contains the following forms (one form for each control system in use at the facility)	APC Form 13, Adsorbers	N/A	
	APC Form 14, Catalytic or Thermal Oxidation Equipment	N/A	
	APC Form 15. Cyclones/Settling Chambers	1	
	APC Form 17, Wet Collection Systems	N/A	
	APC Form 18, Baghouse/Fabric Filters	N/A	

(OVER)

	Section 4: Compliance Demonstration Forms	
		Total number of this form
	APC Form 19, Compliance Certification - Monitoring and Reporting - Description of Methods for Determining Compliance	5
	APC Form 20, Continuous Emissions Monitoring	N/A
	APC Form 21, Portable Monitors	N/A
	APC Form 22, Control System Parameters or Operating Parameters of a Process	N/A
	APC Form 23, Monitoring Maintenance Procedures	1
	APC Form 24, Stack Testing	N/A
This application contains the following forms (one form for each incinerator, printing operation, fuel burning installation, etc.).	APC Form 25, Fuel Sampling and Analysis	2
openation, sand carriers and anomalical, etc.).	APC Form 26, Record Keeping	4
	APC Form 27, Other Methods	N/A
	APC Form 28, Emissions from Process Emissions Sources / Fuel Burning Installations / Incinerators	5
))	APC Form 29, Emissions Summary for the Facility or for the Source Contained in This Application	1
	APC Form 30, Current Emissions Requirements and Status	5
	APC Form 31, Compliance Plan and Compliance Certification	1
	APC Form 32, Air Monitoring Network	N/A

Section 5: Statement of Completeness and Certification of Compliance

I have reviewed this application in its entirety and to the best of my knowledge, and based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate, and complete. I have provided all the information that is necessary for compliance purposes and this application consists of 151** pages and they are numbered from page APC 1 to APC 34. The status of this facility's compliance with all applicable air pollution control requirements, including the enhanced monitoring and compliance certification requirements of the Federal Clean Air Act, is reported in this application along with the methods to be used for compliance demonstration.

** PLUS 19 ATTACHMENT PAGES AND 3 ENGINEERING DRAWINGS

Name and Title of Responsible Official

Telephone Number with Area Code

Sheldon Sillyman, VP of Business Development

(423) 357-6141 x-2921

Signature of Responsible Official

Date of Application

11/22/21

(For definition of responsible official, see instructions for APC Form 1)



State of Tennessee
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12 Rosa L. Parks Avenue, 15th Floor
Nashville, TN 37243
Telephone: (615) 532-0554



TITLE V PERMIT APPLICATION FACILITY IDENTIFICATION

1883		SII	ENP	ORMATION				
1	Holliston Holdings, LLC			For APC	APC company point no.			
2,	2 Site name (if different from legal name)					APCLog/Permit no.		
3	Site address (St./Rd./Hwy.) 905 Holliston Mills Rd				NAICS	NAICS of SIC Code NAICS - 313320; SIC - 2295		
	City or distance to nearest town Church Hill		Zipo	ode 37642	County	County name Hawkins		
4	Site location (in Lat./Long) Latitude 36.5138	-135			Longitue	-82.757476		
	The second secon	T INFORM	ATIO	N (RESPONSE	BLE OFFIC	AAD)		
5,	Responsible official contact Sheldon Sillyman					umber with area code 23) 357-6141 x-2921		
6	Mailing address (St./Rd./Hwy.) 905 Holliston Mills Rd					ber with area code 23) 357-8840		
	City State Zip code Church Hill TN 37642				Email address ssillyman@holliston.com			
1	ec	NTACT IN	FORM	IATION (TECI	HNICAL)			
77.	Principal technical contact Mike Amyx				Phone number with area code (423) 341-7996			
8.	Mailing address (St./Rd./Hwy.) 905 Holliston Mills Rd	A 55 45554				Fax number with area code (423) 357-8840		
	Church Hill	State TN		Zip code 37642	Email address mamyx@holliston.com			
	A STATE OF THE STA	CONTACT	INFOR	MATION (BIL	LING)			
	Billingcontact Sheldon Sillyman					Phone number with area code (423) 357-6141 x-2921		
12,	Mailing address (St./Rd./Hwy.) 905 Holliston Mills Rd	8-800200				ber with area code 23) 357-8840		
	City State Zip code Church Hill TN 37642			Email address ssillyman@holliston.com				
		TYPE OF	PIDRA	AT REQUEST	ED .			
13 Permit requested for: Initial application to operate: Permit renewal to operate: Administrative permit amendment:			Significa	nit modification : nt modification : astruction permit :				

(OVER)



THE STATE OF	HAZARDOUS AIR POLLUTANTS, DESIGNATIONS, AND OTHER PERMITS ASSOCIATED WITH FACILITY				
14.		ct to the provisions governing prevention of accidental releases of hazard ut ion Control regulations?	ous air contaminants contained in Chapter 1200-03-32 of the Yes		
	If the answer is Ye	s, are you in compliance with the provisions of Chapter 1200-03-32 of the	e Tennessee Air Pollution Control regulations? Yes No		
15.	If facility is located	in an area designated as "Non-Attainment" or "Additional Control", indi	cate the pollutant(s) for the designation.		
	Not applicat	le			
16.	List all valid Air Pollution permits issued to the sources contained in this application [identify all permits with most recent permit numbers and emission sor reference numbers listed on the permit(s)].				
	Permit No.	Source Description	Emissions Source No.		
	559975 559975 559975 559975 559975	Steam Generating Boiler Installation Waste paper Trim System with Cyclone Control Coating Operation with Drying Ovens 29.41 MM Btu/hr Boiler Eight (8) each, 0.8 MM Btu/hr. Tenter Drying Ovens	Source #02 Source #04 Source #10 Source #12 Source #16		
17	Page number : page 2 of 4	Revision number:	Date of revision: November 23, 2021		



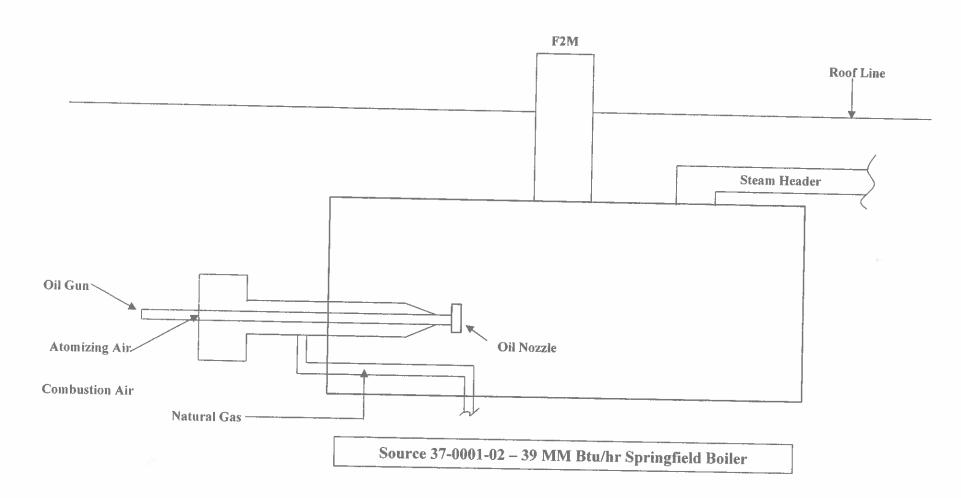
State of Tennessee
Department of Environment and Conservation
Division of Air Pollution Control
William R. Snodgrass Tennessee Tower
12 Rosa L. Parks Avenue, 15th Floor
ashville, TN 37243



Telephone: (615) 532-0554

TITLE V PERMIT APPLICATION OPERATIONS AND FLOW DIAGRAMS

1.	flow diagram for this application.	cess emission sources, fuel	burning installations, and incinerators that are contained in this application. Please attach a
	Source Reference No.		Source Description
	37-0001-02		39 MM Btu/hr Springfield Boiler
	37-0001-04		Waste Paper Trim System with Cyclone Control
	37-0001-10		Coating Operations with Drying Ovens
	37-0001-12		29.41 MM Btu/hr York-Shipley Boiler
	37-0001-16		Eight (8) each, 0.8 MM Btu/hr Tenter Drying Ovens
1			
2.	List all insignificant activities which are exe	mpted because of size or pr	oduction rate and cite the applicable regulations.
Se	ee Attachment 1 to APC 1		
3.	Are there any storage piles?	•	X
4.	List the states that are within 50 miles of you	YES ir facility.	NO
	1) Virginia 2) Kentucky	3) North Carol	ina
		,	
)	Page number: APC 2.1	Revision Number:	Date of Revision: November 23, 2021

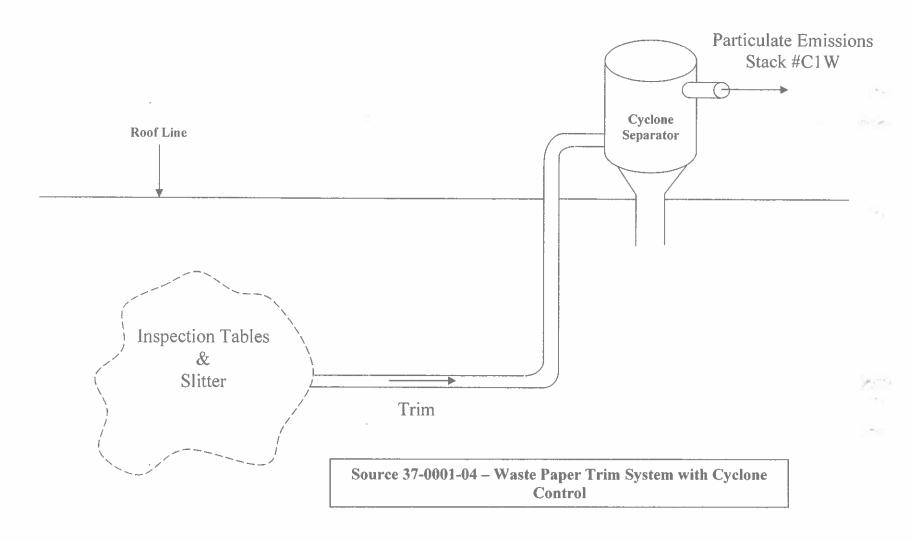


Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.a



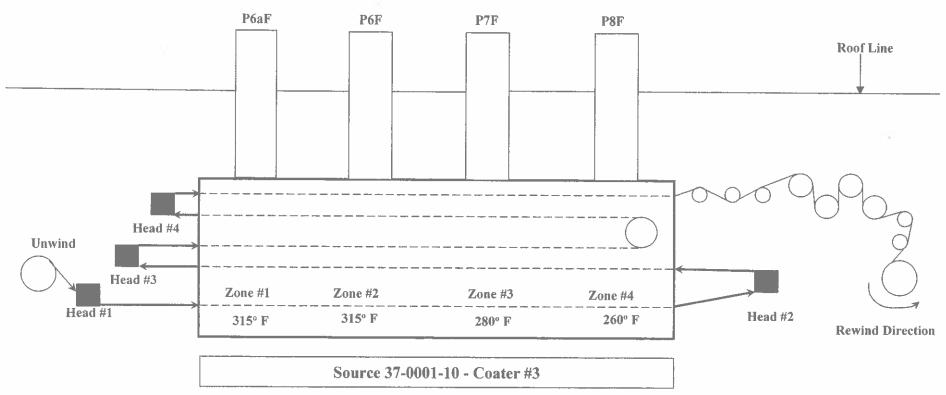
Operations and Flow Diagram

Revision 1

November 23, 2021

Date:

APC 2.1.b



Head #1 - Blade (2), Meyer Rod

Head #2 - Blade (3), Meyer Rod

Head #3 – Blade (3)

Head #4 – Blade (3), Meyer Rod

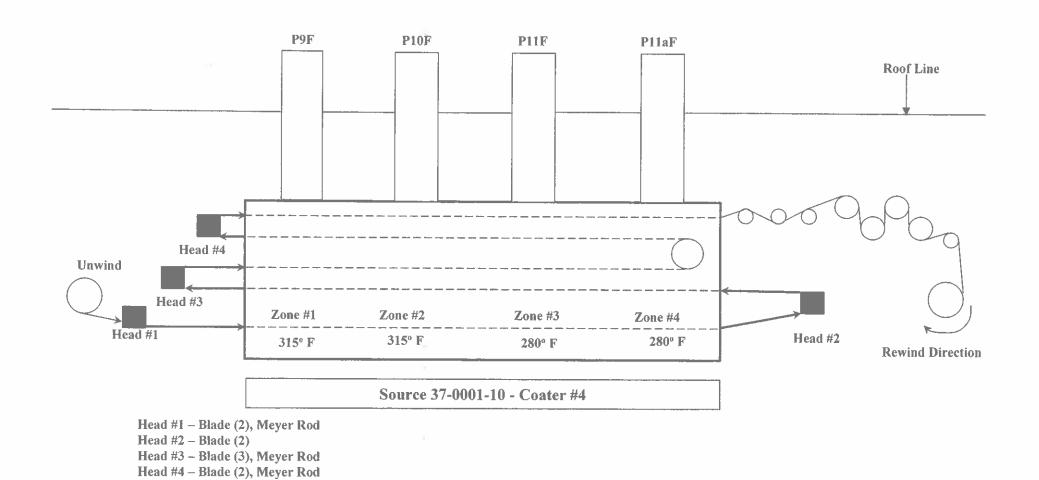
Flow Diagram Point Identification

Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.c

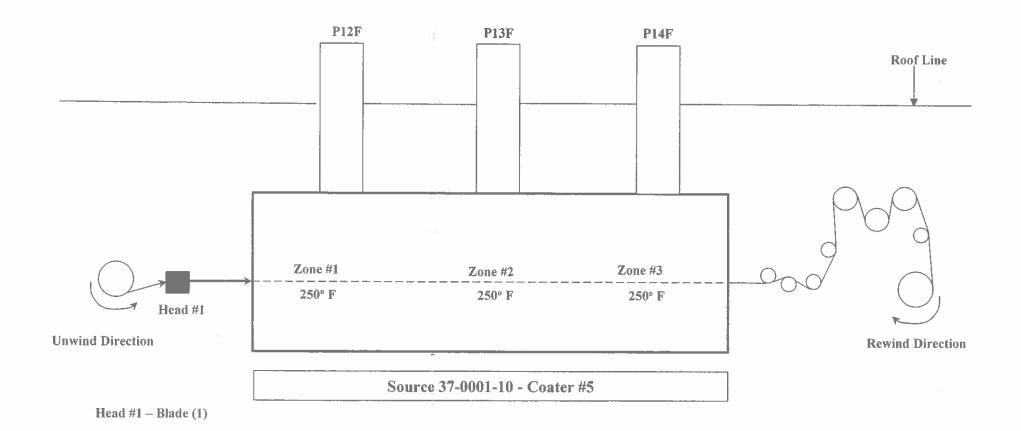


Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.d

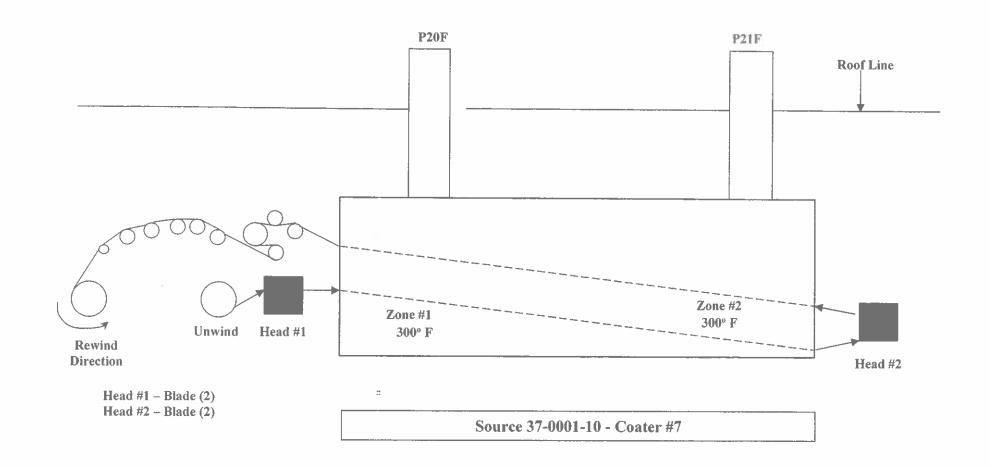


Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.e

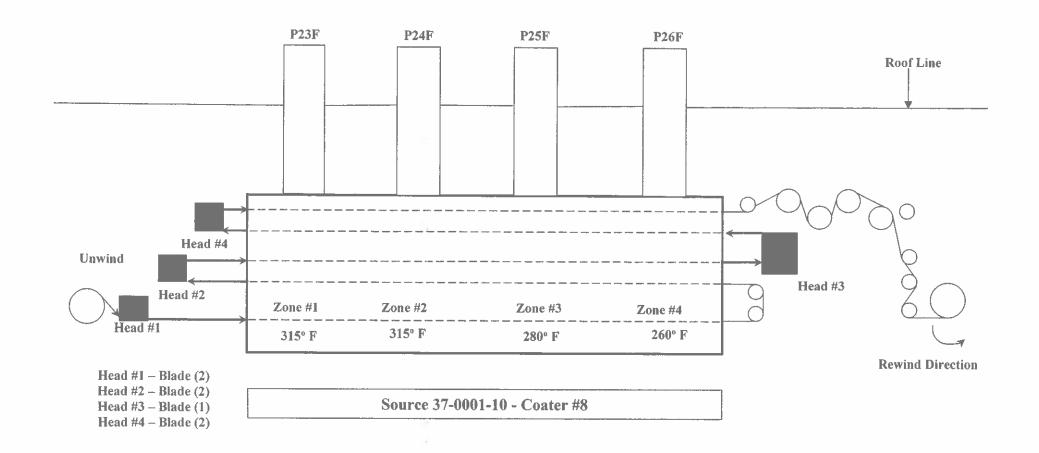


Operations and Flow Diagram

Revision 1

Date: Nover

November 23, 2021

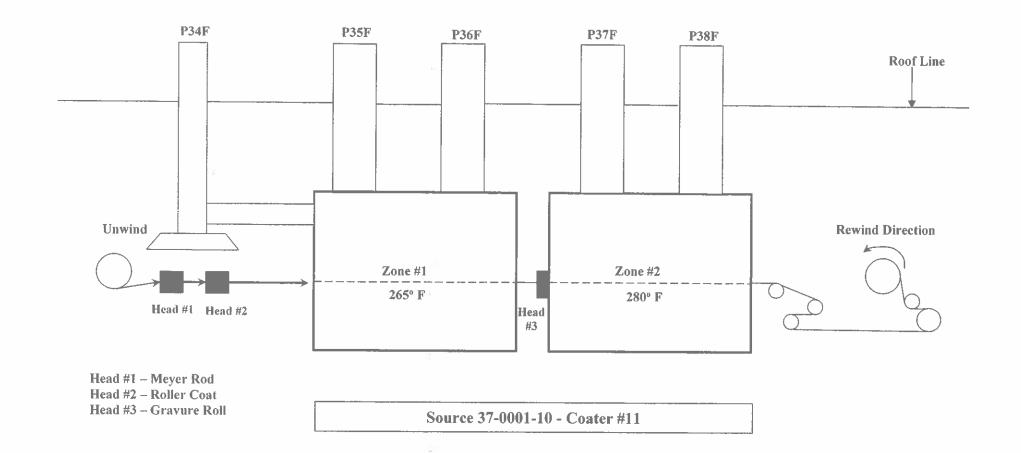


Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.g

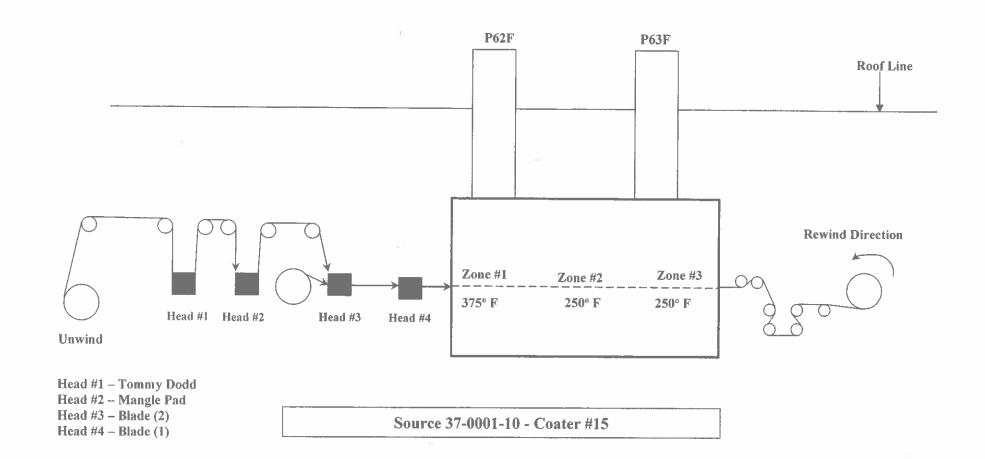


Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.h

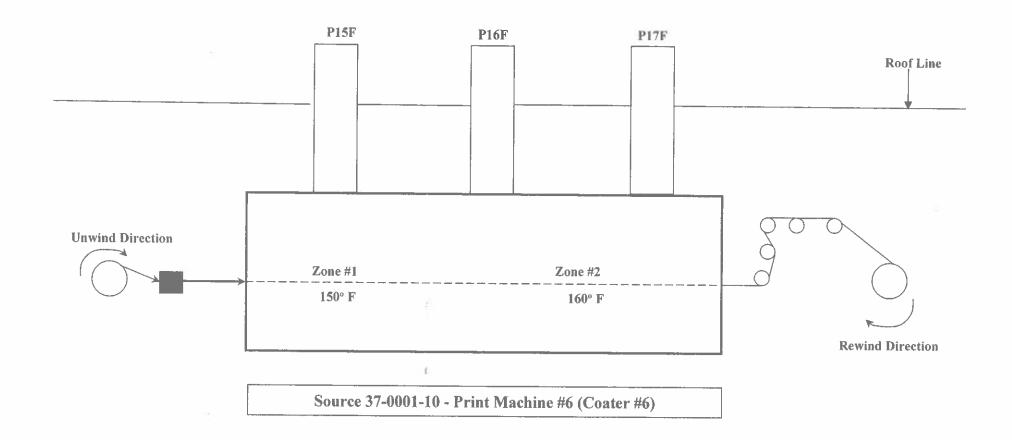


Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.i

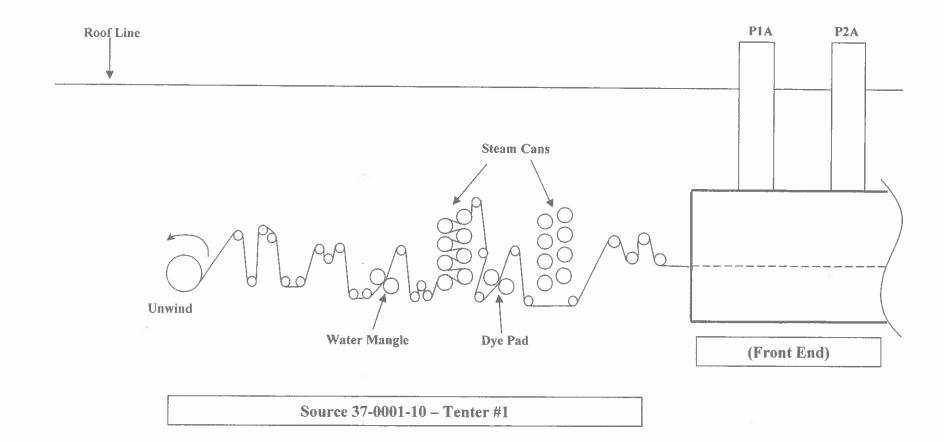


Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.j

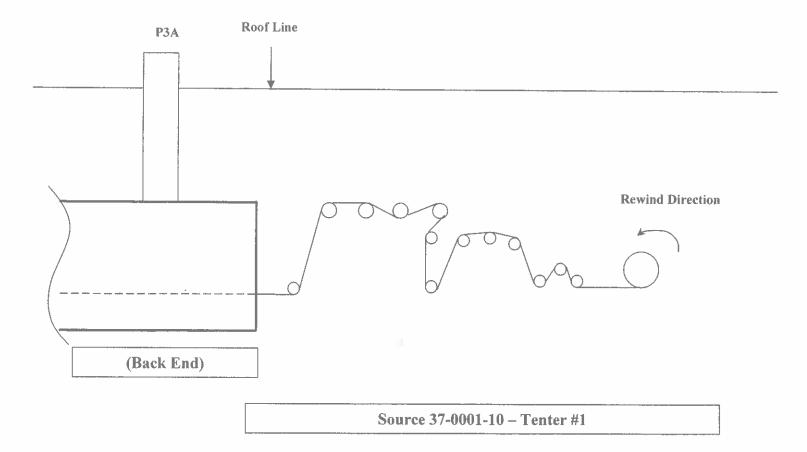


Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.k

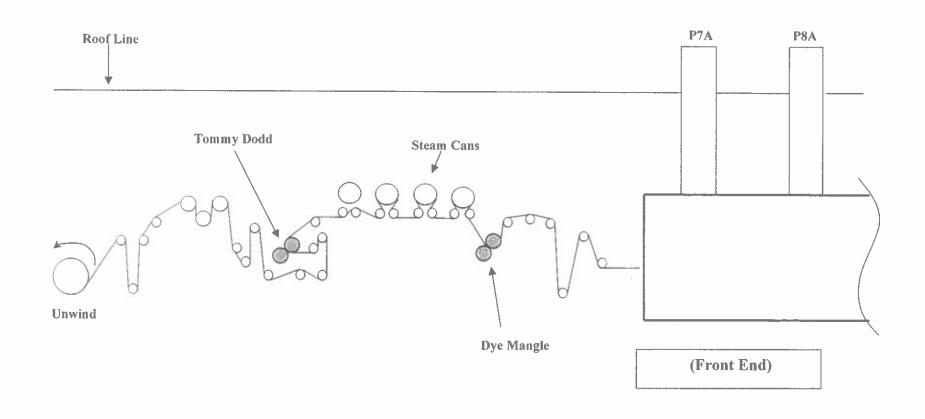


Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.1



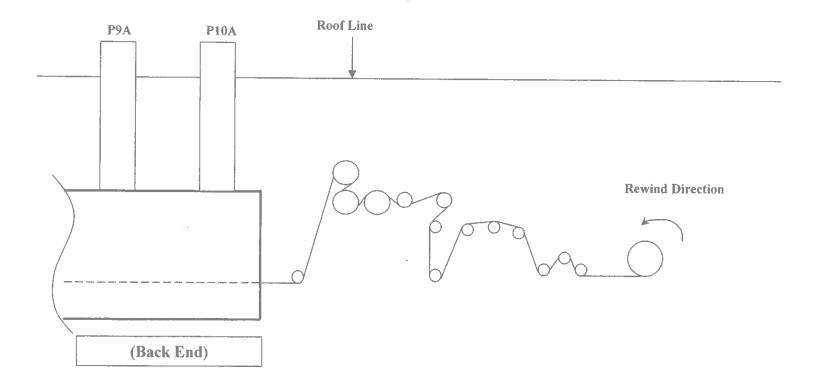
Source 37-0001-10 - Range #3 (Tenter #3)

Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.m



Source 37-0001-10 - Range #3 (Tenter #3)

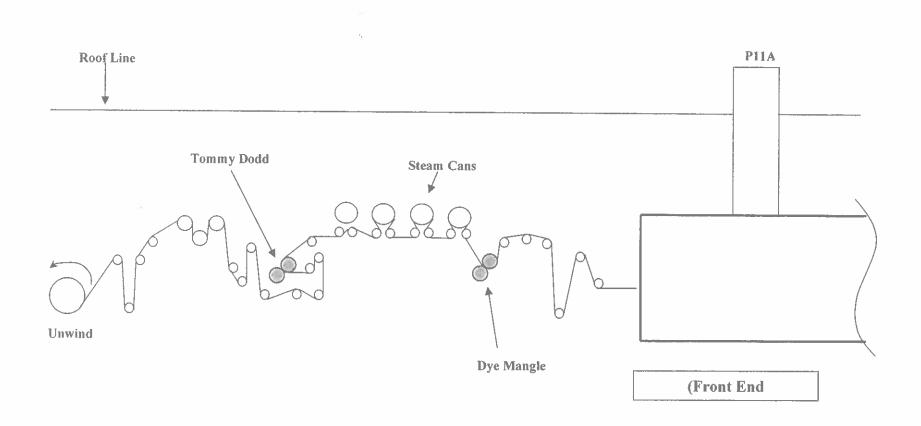
Flow Diagram Point Identification

Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.n



Source 37-0001-10 - Range #4 (Tenter #4)

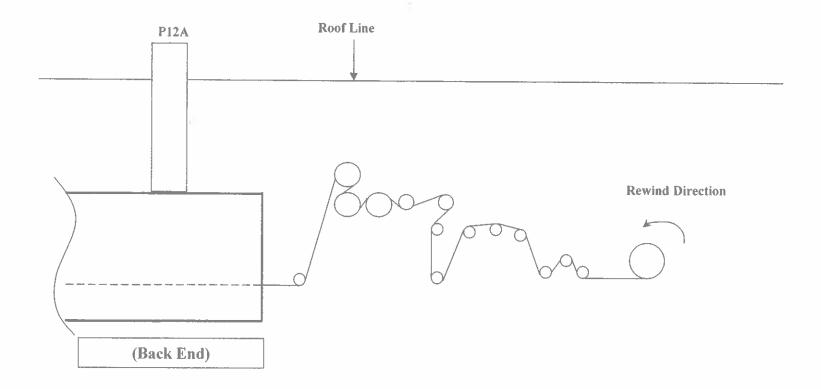
Flow Diagram Point Identification

Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.0



Source 37-0001-10 - Range #4 (Tenter #4)

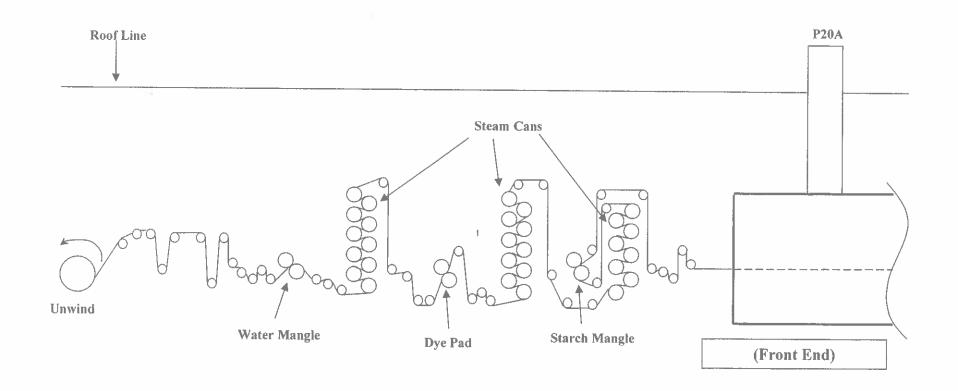
Flow Diagram Point Identification

Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.p



Source 37-0001-10 - Tenter #5

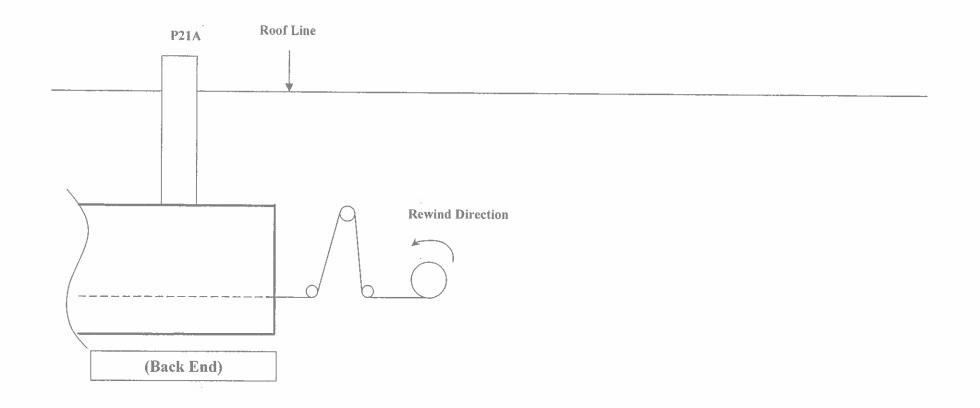
Flow Diagram Point Identification

Operations and Flow Diagram

Revision 1

Date: November 23, 2021

APC 2.1.q



Source 37-0001-10 - Tenter #5

Flow Diagram Point Identification

Operations and Flow Diagram

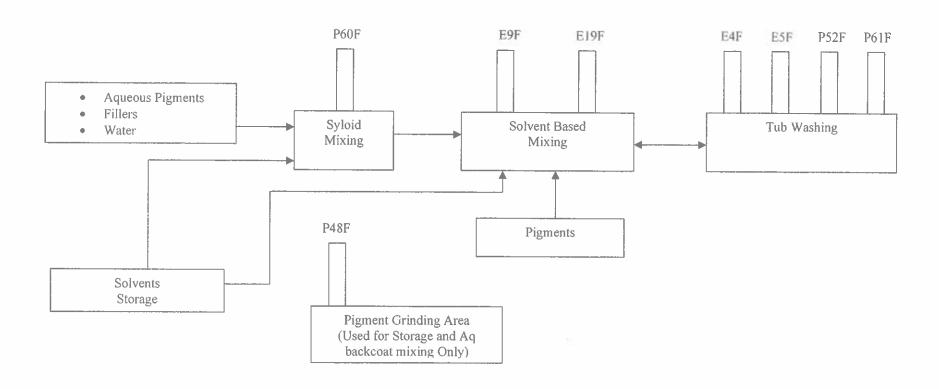
Revision 1

Date:

November 23, 2021

APC 2.1.r





Source 37-0001-10 - Coating Mixing Area

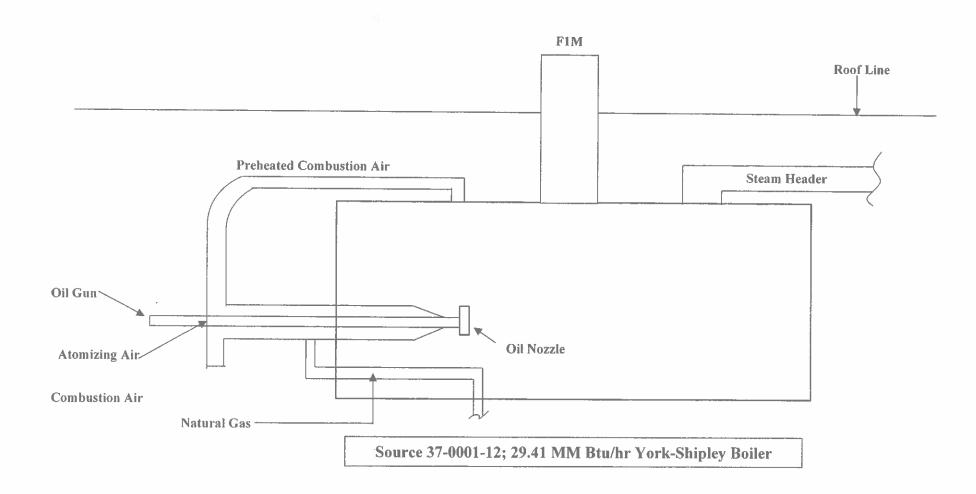
Flow Diagram Point Identification

Operations and Flow Diagram

Revision 1

Date: November 23, 2021

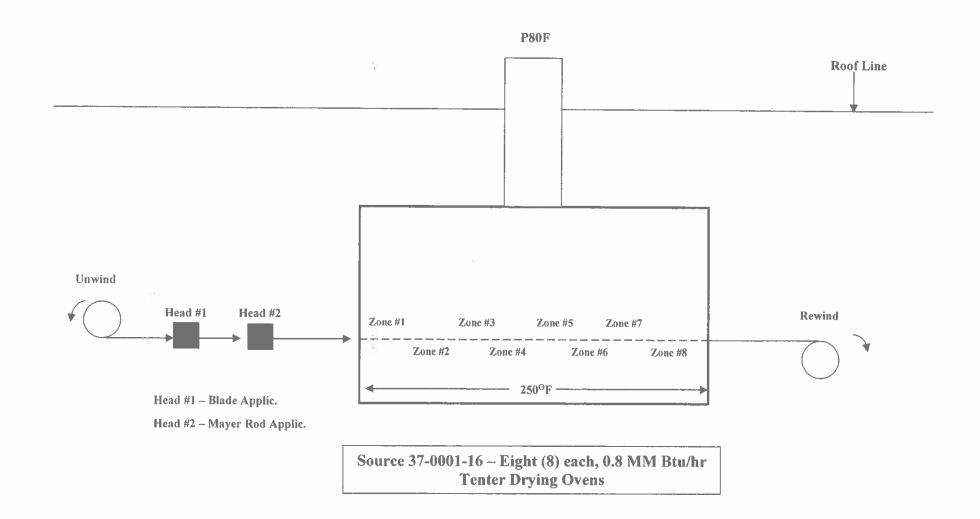
APC 2.1.s



Operations and Flow Diagram

Revision 1

Date: November 23, 2021



Operations and Flow Diagram

Revision 1

Date: Novemb

November 23, 2021

APC 2.1.u

State of Tennessee
Department of Environment and Conservation
Division of Air Pollution Control
William R. Snodgrass Tennessee Tower
12 Rosa L. Parks Avenue, 15th Floor
Nashville, TN 37243
Telephone: (615) 532-0554



TITLE V PERMIT APPLICATION STACK IDENTIFICATION

133	GENERAL IDENTIFICAT	TION AND DESCRIPTION
1.	Facility name:	
	Holliston Holdings, LLC	
2.	Emission source (identify):	
	Source 37-0001-10 - Coater #3; Head Exhaust	
		SCRIPTION
3.	Stack ID (or flow diagram point identification):	
	P6aF	
4.	Stack height above grade in feet:	
	39.25 ft.	
5.	Velocity (data at exit conditions):	6. Inside dimensions at outlet in feet:
	(Actual feet per second)	3.79 x 3.79 ft
7.	Exhaust flowrateat exit conditions (ACFM):	
' '	10, 686	8. Flow rate at standard conditions (DSCFM):
		10, 567
)9.	Exhaust temperature:	10. Moisture content (data at exit conditions):
ĺ	76 deg. F	Grains per dry
	Degrees Fahrenheit (°F)	20 N/A standard cubic foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent of	r more of the operating time (for stacks subject to diffusion equation only):
12.	N/A (°F) If this stack is equipped with continuous pollutant monitoring equipment requi	nired for compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	SO ₂ , NO _x , etc.)?	
	"Not Applicable"	
		1
-	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh	austing through this stack.
		(DESCRIPTION
13.	Do you have a bypass stack?	
		Jo
	If yes, describe the conditions which require its use & complete APC form 4 f number(s) exhausting through this bypass stack.	for the bypass stack. Please identify the stack number(s) of flow diagram point
	Commence of the state of the st	
150		
1	Page number: APC 3.1 Revision Number: 1	Date of Revision
	Page number: APC 3.1 Revision Number: 1	Date of Revision: November 23, 2021

State of Tennessee
Department of Environment and Conservation
Division of Air Pollution Control
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Telephone: (615) 532-0554



TITLE V PERMIT APPLICATION STACK IDENTIFICATION

100	GENERAL IDENTIFICAT	TON	AND DESCRIPTION
I	Facility name:		
2.	Holliston Holdings, LLC Emission source (identify):		
2.	Source 37-0001-10 - Coater #3; Zone 1		
9150	STACK DE	CODE	DETTON
3.	Stack ID (or flow diagram point identification):		GI ION
	P6F		
4.	Stack height above grade in feet		
	37 ft.		
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:
	(Actual feet per second)		1.75 x 7 ft
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
	3,205		2,909
9	Exhaust temperature:	10.	. Moisture content (data at exit conditions):
)	124 deg. F Degrees Fahrenheit (°F)		Crains per dry standard cubic Percent foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	more	e of the operating time (for stacks subject to diffusion equation only):
	N/A (°F)		
	(T)		
12.	If this stack is equipped with continuous pollutant monitoring equipment requison, NO_x , etc.)?	ired for	for compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	"Not Applicable"		
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exha	aust ing	ng through this stack
	BYPASS STACK	DES	SGRIPTION
13.	Do you have a bypass stack?		
	Yes N	lo	
	If yes, describe the conditions which require its use & complete APC form 4 for number(s) exhausting through this by pass stack.	or the b	e by pass stack. Please identify the stack number(s) of flow diagram point
A	Page number: APC 3.2 Revision Number: 1		Date of Revision: November 23, 2021



	GENERAL IDENTIFICAT	ION	AND DESCRIPTION
1.	Facility name:		
	Holliston Holdings, LLC		
2.	Emission source (identify):		
Total Control	Source 37-0001-10 - Coater #3; Zone 2		
3.	Stack ID (or flowdiagram point identification):	SCRI	PTION
٥.	,		
	P7F		
4.	Stack height above grade in feet:		
	37 ft.		
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:
	(Actual feet per second)		1.75 x 7 ft
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
	5,145		4,500
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):
			Grains per dry
	146 deg. F Degrees Fahrenheit (°F)		20 N/A standard cubic foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	more	
		111010	A the operating time (MISTAGEN SAUDOCT TO MITTAGE TO THE VIEW).
	N/A (°F)		
10			
12.	If this stack is equipped with continuous pollutant monitoring equipment requi SO_2 , NO_x , etc.)?	ired for	compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	"Not Applicable"		
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exha	anst ino	through this stack
13.	Composition of the state of the	DES	CRETION
	Yes N	ło.	
			The state of the s
	If yes, describe the conditions which require its use & complete APC form 4 for number(s) exhausting through this bypass stack.	orined	ypass stack. Please identify the stack number(s) of flow diagram point
)	D		
.4.	Page number: APC 3.3 Revision Number: 1		Date of Revision: November 23, 2021



建	GENERAL IDENTIFICAT	ION .	AND DESCRIPTION
1.	Facility name:		
	Holliston Holdings, LLC		
2.	Emission source (identify):		
	Source 37-0001-10 - Coater #3; Zone 3		
	STACK DE	SCRI	MON
3.	Stack ID (or flow diagram point identification):		
	P8F		
4.	Stack height above grade in feet:		
	39.25 ft.		
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet
	(Actual feet per second)		3.79 x 3.79 ft
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
, .	15, 130	0,	13,578
9	Exhaust temperature:	10.	Moisture content (data at exit conditions):
)	Diffactive Competitude.	10.	, , , , , , , , , , , , , , , , , , ,
	N/A		Grains per dry N/A standard cubic
	Degrees Fahrenheit (°F)		Percent foot(gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	more c	f the operating time (for stacks subject to diffusion equation only):
	N/A		
	(°F)		
12.	If this stack is equipped with continuous pollutant monitoring equipment requi	ired for	compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	SO ₂ , NO _x , etc.)?		
	MA. 1. 4. A. 40. 40. 40. 41.		
	"Not Applicable"		
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exha	aust ing	through this stack.
	BYPASS STACK	DES	CRIPTION
13.	Do you have a bypass stack?		CANADA AND AND AND AND AND AND AND AND AN
	Yes N	lo	
	If yes, describe the conditions which require its use & complete APC form 4 for		unace stack. Plages identify the ctack number(e) of flow diagram point
	number(s) exhausting through this by pass stack.	or are o	r pass stack. I lease identity the stack it uniter(s) of now diagram point
)_			
	Page number: APC 3.4 Revision Number: 1		Date of Revision: November 23, 2021



		TION AND DESCRIPTION		
1.	Facility name: Holliston Holdings, LLC			
2.	Emission source (identify):			
	Source 37-0001-10 - Coater #4; Head Exhaust			
		SCRIPTION		
3.	Stack ID (or flow diagram point identification):			
	P9F			
4.	Stack height above grade in feet:			
	39.25 ft.			
5.	Velocity (data at exit conditions):	6. Inside dimensions at outlet in feet:		
	(Actual feet per second)	2.58 x 2.58 ft		
7.	Exhaust flowrateat exit conditions (ACFM):	8. Flow rate at standard conditions (DSCFM):		
	9,185	8,933		
9.	Exhaust temperature:	10. Moisture content (data at exit conditions):		
	85 deg F	Grains per dry N/A standard cubic		
	Degrees Fahrenheit (°F)	Percent foot (gr./dscf.)		
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent of	rmore of the operating time (<u>for stacks subject to diffusion equation only</u>):		
	N/A (°F)	• 4.0		
	(1)			
12.	If this stack is equipped with continuous pollutant monitoring equipment requison, NO ₃ , etc.)?	uired for compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,		
	"Not Applicable"			
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exh	nausting through this stack		
	BYPASS STACE	K DES CRIPTION		
13.	Do youhave a bypass stack?			
	Yes 1	No .		
	If yes, describe the conditions which require its use & complete APC form 4 number(s) exhausting through this by pass stack.	for the by pass stack. Please identify the stack number(s) of flow diagram point		
	(v) visitabiling through this of pass states.			
)_				
14.	Page number: APC 3.5 Revision Number: 1	Date of Revision: November 23, 2021		



	GENERAL IDENTIFICAT	ION	AND DESCRIPTION
1	Facility name:		
2.	Holliston Holdings, LLC Emission source (identify):		
	Source 37-0001-10 - Coater #4; Zone 1		
100	STACK DE	SCRI	STON
3.	Stack ID (or flowdiagram point identification):	- crust a	
	P10F		
4.	Stack height above grade in feet:		
	37 ft.		
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:
	(Actual feet per second)		1.75 x 7 ft
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
	15,130		12,934
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):
7	160 deg F		Orains per dry N/A standard cubic
	Degrees Fahrenheit (°F)		Percent foot(gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	more o	of the operating time (for stacks subject to diffusion equation only):
	N/A (°F)		16
12.	If this stack is equipped with continuous pollutant monitoring equipment requi SO_2 , NO_x , etc.)?	ired for	compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	"Not Applicable"		
	• •		
_	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exha	aust ing	through this stack
	BYPASS STACK	THE PARTY IS	
13.	Do you have a bypass stack?		O.W. 1.011
	Yes No.	0	
	If yes, describe the conditions which require its use & complete APC form 4 for number(s) exhausting through this by pass stack.	or the b	y pass stack. Please identify the stack number(s) of flow diagram point
)			
4.	Page number: APC 3.6 Revision Number: 1		Date of Revision: November 23, 2021



	GENERAL IDENTIFICAT	TION	AND DESCRIPTION
1	Facility name:		
2	Holliston Holdings, LLC Emission source (identify):		
-	Source 37-0001-10 - Coater #4; Zone 2		
	STACK DE	SCRI	ETION
3.	Stack ID (or flow diagram point identification):		
	P11F		
4.	Stack height above grade in feet:		
	37 ft.		
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:
	(Actual feet per second)		1.75 x 7 ft
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
	14,393		11,352
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):
	212 deg F Degrees Fahrenheit (°F)		20 N/A Standard cubic foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent of	r more o	of the operating time (<u>for stacks subject to diffusion equation only</u>):
	N/A (°F)		3.34 S
12.	If this stack is equipped with continuous pollutant monitoring equipment requison, NO $_x$, etc.)?	ired for	compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	"Not Applicable"		
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exh	nuct inc	through this stack
11115	BYPASS STACK		
13	Do you have a bypass stack?	LDES	CRUF I ION
	Yes X	No	
	If yes, describe the conditions which require its use & complete APC form 4 f number(s) exhausting through this by pass stack	or the b	ypass stack. Please identify the stack number(s) of flow diagram point
1			
44.	Page number: APC 3.7 Revision Number: 1		Date of Revision: November 23, 2021



GENERAL IDENTIFICATION	AND DESCRIPTION
cility name:	
Holliston Holdings, LLC	
Source 37-0001-10 - Coater #4; Zone 3	
STACK-DESCRI	ZTON
ick ID (or flow diagram point identification):	
11aF	
ck height above grade in feet:	
9.25 ft.	
locity (data at exit conditions): 6.	Inside dimensions at outlet in feet:
13 (Actual feet per second)	3.79 x 3.79 ft
haust flowrateat exit conditions (ACFM): 8.	Flow rate at standard conditions (DSCFM):
),931	9,753
haust temperature: 10.	Moisture content (data at exit conditions):
34 deg F Degrees Fahrenheit (°F)	20 N/A Standard cubic foot (gr./dscf.)
haust temperature that is equaled or exceeded during ninety (90) percent or more of	f the operating time (for stacks subject to diffusion equation only):
N/A	54 ii
(°F)	
is stack is equipped with continuous pollutant monitoring equipment required for NO $_{x}$, etc.)?	compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
ot Applicable"	
aplete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exhausting	through this stack.
BYPASS STACK DES	CRIPTION
X	
	TWO 17 (27)
ber(s) exhausting through this by pass stack.	/pass stack, Please identify the stack number(s) of flow diagram point
e number: APC 3.8 Revision Number: 1	Date of Revision:
haust flowrate at exit conditions (ACFM): 0,931 haust temperature: 10. 34 deg F Degrees Fahrenheit (°F) haust temperature that is equaled or exceeded during ninety (90) percent or more of N/A (°F) nis stack is equipped with continuous pollutant monitoring equipment required for NOx, etc.)? ot Applicable" BYPASS STACK DESCENCE OF NO STACK DESCENCE STACK DESCENCE OF STACK DESCENCE STACK DESCENCE OF STACK DESCENCE O	Percent



	CENERAL: IDENTIFICAT	FION	AND DESCRIPTION
1.	Facility name: Holliston Holdings, LLC		
2	Emission source (identify):		
	Source 37-0001-10 - Coater #5; Zone 1		
	STACK DE	SCRI	PITON
3.	Stack ID (or flowdiagram point identification):		
	P12F		
4.	Stack height above grade in feet:		
- (38.66 ft.		
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:
	(Actual feet per second)		2.44 x 3.13 ft
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
0	8,805	<u> </u>	7,910
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):
	130 deg F Degrees Fahrenheit (°F)		20 N/A standard cubic foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent o	rmore	of the operating time (for stacks subject to diffusion equation only):
	N/A (°F)		
12.	If this stack is equipped with continuous pollutant monitoring equipment requison, NOx, etc.)?	ired fo	compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	"Not Applicable"		
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exh	aust ing	through this stack.
	BYPASS STACE		
13.	Do you have a bypass stack?		
	Yes X	No	
	If yes, describe the conditions which require its use & complete APC form 4 f number(s) exhausting through this by pass stack.	for the b	ypass stack. Please identify the stack number(s) of flow diagram point
1			
14.	Page number: APC 3.9 Revision Number: 1		Date of Revision: November 23, 2021



	GENERAL IDENTIFICAT	HON	AND DESCRIPTION
1.	Facility name:		
2.	Holliston Holdings, LLC Emission source (identify):		
	Source 37-0001-10 - Coater #5; Zone 2		
	STACK DE	SCRI	PTION
3.	Stack ID (or flowdiagram point identification):	-	
	P13F		
4.	Stack height above grade in feet:		
	40 ft.		
5.	Velocity (data at exit conditions);	6.	Inside dimensions at outlet in feet:
	(Actual feet per second)		1.4 x 1.63 ft
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
	1,761		1,644
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):
ĺ	108 deg F		Grains per dry N/A standard cubic
	Degrees Fahrenheit (°F)		Percent foot(gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	rmore	of the operating time (for stacks subject to diffusion equation only):
	N/A (°F)		~ .
12.	If this stack is equipped with continuous pollutant monitoring equipment requiso ₂ , NO _x , etc.)?	iired fo	precompliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	"Not Applicable"		
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exhi	naust ing	g through this stack.
	BYPASS STACK	K DES	SCRIPTION
13.	Do you have a bypass stack?		
		No.	4
	If yes, describe the conditions which require its use & complete APC form 4 finumber(s) exhausting through this bypass stack.	for the l	by pass stack. Please identify the stack number(s) of flow diagram point
	remit to the address		
1	Page number: APC 3.10 Revision Number: 1		Date of Revision
71	APC 3.10 Revision Number: 1		Date of Revision: November 23, 2021



		ION AND DESCRIPTION
1.	Facility name: Holliston Holdings, LLC	
2.	Emission source (identify):	
2.	Source 37-0001-10 - Coater #5; Zone 3	
		SCRIPTION
3.	Stack ID (or flowdiagram point identification):	
	P14F	- 1997 000 000 000
4.	Stack height above grade in feet:	
	38.33 ft.	
5.	Velocity (data at exit conditions):	6. Inside dimensions at outlet in feet.
	(Actual feet per second)	1.23 x 1.58 ft
7.	Exhaust flowrateat exit conditions (ACFM):	8. Flow rate at standard conditions (DSCFM):
	4,512	4,380
9.	Exhaust temperature:	10. Moisture content (data at exit conditions):
2	96 dog 5	Grains per dry N/A standard cubic
	86 deg F Degrees Fahrenheit (°F)	Percent foot(gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	more of the operating time (for stacks subject to diffusion equation only):
	N/A	, 🖳
	(°F)	
12.	If this stack is equipped with continuous pollutant monitoring equipment requiso_2, NO_x , etc. \ref{NO}_x	ired for compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	"Not Applicable"	
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh	austing through this stack
	BYPASS STACK	DESCRIPTION
13.	Do you have a bypass stack?	
	Yes N	
	If yes, describe the conditions which require its use & complete APC form 4 finamber(s) exhausting through this by pass stack.	or the by pass stack. Please identify the stack number(s) of flow diagram point
)	Page number:	Data of Paviois
	Page number: APC 3.11 Revision Number: 1	Date of Revision: November 23, 2021



	GENERAL IDENTIFICAT	TION AND DESCRIPTION	
I.	Facility name: Holliston Holdings, LLC		
2.	Emission source (identify):		
	· · · · · · · · · · · · · · · · · · ·	Zone 1 (This machine is not in operation at this time	
1	STACK DE	SCRIPTION	
3	Stack ID (or flowdiagram point identification):		
	P15F		
4.	Stack height above grade in feet:		
	39.25 ft.		
5.	Velocity (data at exit conditions):	6. Inside dimensions at outlet in feet:	
	(Actual feet per second)	2.19 x 2.71 ft	
7.	Exhaust flowrateat exit conditions (ACFM):	8. Flow rate at standard conditions (DSCFM):	
	10,386	9,936	
))	Exhaust temperature:	10. Moisture content (data at exit conditions):	
	94 deg F Degrees Fahrenheit (°F)	Orains per dry Standard cubic Foot (gr./dscf.)	
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent of	rmore of the operating time (for stacks subject to diffusion equation only):	
	(°F)		
12.	If this stack is equipped with continuous pollutant monitoring equipment requison, NO_x , etc.)?	tired for compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,	
	" Not Applicable"		
_	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exh	ansting through this stack	
2013		K DES CRIPTION	
13.	Do youhave a bypass stack?		
	Yes	No	
	If yes, describe the conditions which require its use & complete APC form 4 for the bypass stack. Please identify the stack number(s) of flow diagram point number(s) exhausting through this bypass stack		
-4.	Page number: APC 3.12 Revision Number: 1	Date of Revision: November 23, 2021	



	GENERAL IDENTIFICATI	ION	AND DESCRIPTION
1	Facility name:	-	
	Holliston Holdings, LLC		
2.	Emission source (identify):		
	Source 37-0001-10 - Print Machine/Coater #6;	Zor	ne 2(This machine is not in operation at this time
1	STACK DE	SCRI	PTION.
3	Stack ID (or flow diagram point identification):		
	P16F		
4.	Stack height above grade in feet:	_	
	39.25 ft.		
_			
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:
	(Actual feet per second)		2.29 x 2.98 ft
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
	12,238		10,534
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):
)			Grains per dry
311	158 deg F Degrees Fahrenheit (°F)		20 N/A standard cubic foot (gr./dscf.)
11			
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	more	of the operating time (torstacks subject to diffusion equation only).
	N/A (°F)		
	(1)		
12.	If this stack is equipped with continuous pollutant monitoring equipment requi	red fo	r compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	SO ₂ , NO _x , etc.)?		
	II blot Applicable		
	" Not Applicable"		
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exha	ust ing	g through this stack.
	BYPASS STACK	DES	CRIPTION
13.	Do youhave a bypass stack?	a fa liner ga	
	Yes N	0	
	If yes, describe the conditions which require its use & complete APC form 4 for		hunner chall. Places identify the chall number(s) of flow discrets noint
	number(s) exhausting through this bypass stack.	of the (by pass stack. Frease identity the stack it diffice (s) of flow diagram point
1			
4.	Page number: APC 3.13 Revision Number: 1		Date of Revision: November 23, 2021



		HON AND DESCRIPTION
1.	Facility name:	
	Holliston Holdings, LLC	
2.	Emission source (identify):	
	Source 37-0001-10 - Print Machine/Coater #6	; Zone 3 (This machine is not in operation at this time
4		ESCRIPTION
3.	Stack ID (or flow diagram point identification)	
	P17F	
4.	Stack height above grade in feet:	
	37 ft.	
5.	Velocity (data at exit conditions):	6. Inside dimensions at outlet in feet:
٥.	22	
	(Actual feet per second)	1.75 x 7 ft
7.	Exhaust flowrateat exit conditions (ACFM):	8. Flow rate at standard conditions (DSCFM):
2011	5,244	5,053
9	Exhaust temperature:	10. Moisture content (data at exit conditions):
		Grains per dry
	90 deg F Degrees Fahrenheit (°F)	20 N/A standard cubic Percent foot (gr./dscf.)
11		
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent of	r more of the operating time (norstacks subject to diffusion equation only):
	N/A(°F)	
12.	If this stack is equipped with continuous pollutant monitoring equipment requirements	uired for compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	SO ₂ , NO _x , etc.)?	
	" Not Applicable"	
	Not Applicable	
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source extended to the control of	nausting through this stack.
	BYPASS.STAC	K DES CRIPTION
13.	Do youhave a bypass stack?	
	Yes X	No
	If yes, describe the conditions which require its use & complete APC form 4	for the bypass stack. Please identify the stack number(s) of flow diagram point
	number(s) exhausting through this by pass stack.	medy pass state. I recommend the state is annex to your nor ambiant point
1		
4.	Page number: APC 3.14 Revision Number: 1	Date of Revision: November 23, 2021



	GENERAL IDENTIFICAT	TION	AND DESCRIPTION
I.	Facility name:		
	Holliston Holdings, LLC		
2.	Emission source (identify):		
	Source 37-0001-10 - Coater #7; Zone 1		
	STACK DE	SCRI	PTION
3.	Stack ID (or flowdiagram point identification):		
	P20F		5110 S.A. JOHNSKI,
4.	Stack height above grade in feet:		
	38.66 ft.		
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet.
	(Actual feet per second)		2.48 x 2.73 ft
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
	11,220		9,395
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):
2	4-0 1 -		Grains per dry
	173 deg F Degrees Fahrenheit (°F)		20 N/A standard cubic foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent o	r more o	of the operating time (for stacks subject to diffusion equation only):
	N/A		0.000
	(°F)		
12.	If this stack is equipped with continuous pollutant monitoring equipment requ	uired for	r compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	SO ₂ , NO _x , etc.)?		
	" Not Applicable"		
	Not Applicable		
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh	aust ing	through this stack.
	BYPASS STACE	K DES	CRIPTION
13.	Do you have a bypass stack?		
		40	
	If yes, describe the conditions which require its use & complete APC form 4 in number(s) exhausting through this by pass stack.	for the b	y pass stack. Please identify the stack number(s) of flow diagram point
	nanovi(s) evitability through this by pass scale.		
1			
4.	Page number: APC 3.15 Revision Number: 1		Date of Revision: November 23, 2021



	GENERAL IDENTIFICATION AND DESCRIPTION			
1.	Facility name:			
2.	Holliston Holdings, LLC Emission source (identify):			
2.	Source 37-0001-10 - Coater #7; Zone 2			
	STACK DE	SCRI	PTION	
3.	Stack ID (or flowdiagram point identification):			
	P21F			
4.	Stack height above grade in feet:			
	38.66 ft.			
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:	
	(Actual feet per second)		2.50 x 2.73 ft	
7	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):	
	12,059		10,393	
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):	
	155 deg F		Grains per dry N/A standard cubic	
	Degrees Fahrenheit (°F)		Percent foot (gr./dscf.)	
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	rmore	of the operating time (for stacks subject to diffusion equation only):	
	N/A (°F)		Est.	
	(``)			
12.	If this stack is equipped with continuous pollutant monitoring equipment requisons, NO $_{\rm x}$, etc.)?	ired fo	r compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,	
	" Not Applicable"			
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh	aust ing	g through this stack.	
	BYPASS STACK	(DES	CRIPTION	
13.	Do you have a by pass stack?			
	Yes N	10	ir	
	If yes, describe the conditions which require its use & complete APC form 4 for number(s) exhausting through this bypass stack.	or the	by pass stack. Please identify the stack number(s) of flow diagram point	
A				
14.	Page number: APC 3.16 Revision Number: 1		Date of Revision: November 23, 2021	



	GENERAL IDENTIFICAT	ION AND DESCRIPTION		
1)	Facility name:			
L	Holliston Holdings, LLC			
2	Emission source (identify):			
	Source 37-0001-10 - Coater #8; Zone 1			
	THE RESERVE OF THE PARTY OF THE	SCRIPTION		
3.	Stack ID (or flow diagram point identification):			
	P23F			
4.	Stack height above grade in feet:			
	39.25 ft.			
5.	Velocity (data at exit conditions):	6. Inside dimensions at outlet in feet:		
	48 (Actual feet per second)	1.5 x 2.06 ft		
7	Exhaust flowrateat exit conditions (ACFM):	8. Flow rate at standard conditions (DSCFM):		
	8,840	8,677		
7.	Exhaust temperature:	10. Moisture content (data at exit conditions):		
1)		Grains per dry		
	80 deg F	20 N/A standard cubic		
11	Degrees Fahrenheit (°F)	Percent foot(gr./dscf.)		
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	more of the operating time (<u>nor stacks subject to diffusion equation only</u>).		
	N/A (°F)			
12.	 If this stack is equipped with continuous pollutant monitoring equipment required for compliance, what pollutant(s) does this equipment monitor (e.g., Opacity, SO₂, NO_x, etc.)? 			
	SO_2 , TO_{X_2} etc. j :			
	" Not Applicable"			
	• •			
	Completable constitute ADC Country A 5 7 8 9 4 10 5			
905000	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exha			
13	BYPASS STACK Do you have a bypass stack?	DESCRIPTION		
10,	X			
٠	Yes N			
	If yes, describe the conditions which require its use & complete APC form 4 for number(s) exhausting through this by pass stack.	or the by pass stack. Please identify the stack number(s) of flow diagram point		
1				
4.	Page number: APC 3.17 Revision Number: 1	Date of Revision: November 23, 2021		



7	40 C.	ION AND DESCRIPTION		
1.	Facility name: Holliston Holdings, LLC			
2	Emission source (identify):			
	Source 37-0001-10 - Coater #8; Zone 2			
		SCRIPTION		
3.	Stack ID (or flow diagram point identification):			
	P24F			
4	Stack height above grade in feet:			
	37 ft.			
5.	Velocity (data at exit conditions):	6. Inside dimensions at outlet in feet:		
	(Actual feet per second)	1.75 x 7 ft		
7.	Exhaust flowrateat exit conditions (ACFM):	8. Flow rate at standard conditions (DSCFM):		
	11,025	9,804		
9.	Exhaust temperature:	10. Moisture content (data at exit conditions):		
	136 deg F	Grains per dry N/A standard cubic		
	Degrees Fahrenheit (°F)	Percent foot(gr./dscf.)		
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	more of the operating time (forstacks subject to diffusion equation only):		
	N/A (°F)			
12.	If this stack is equipped with continuous pollutant monitoring equipment requi SO_2 , NO_8 , etc.)?	ired for compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,		
	" Not Applicable"			
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exha	austing through this stack.		
	BYPASS STACK	DESCRIPTION		
13.	Do youhave a bypass stack?			
	Yes N	·		
	If yes, describe the conditions which require its use & complete APC form 4 for the bypass stack. Please identify the stack number(s) of flow diagram point number(s) exhausting through this bypass stack.			
)4.	Page number: APC 3.18 Revision Number: 1	Date of Revision: November 23, 2021		



	GENERAL IDENTIFICATION AND DESCRIPTION					
1.	Facility name:					
	Holliston Holdings, LLC					
2	Emission source (identify):					
	Source 37-0001-10 - Coater #8; Zone 3					
2		SCRIPTION				
3	Stack ID (or flowdiagram point identification)					
	P25F					
4_	Stack height above grade in feet					
	37 ft.					
5.	Velocity (data at exit conditions):	6. Inside dimensions at outlet in feet:				
	15 (Actual feet per second)	1.75 x 7 ft				
7.	Exhaust flowrateat exit conditions (ACFM):	8. Flow rate at standard conditions (DSCFM):				
	11,025	9,130				
9.	Exhaust temperature:	10. Moisture content (data at exit conditions):				
))	•	Grains per dry				
	180 deg F	20 N/A standard cubic				
L.	Degrees Fahrenheit (°F)	Percent foot (gr./dscf.)				
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	rmore of the operating time (<u>for stacks subject to diffusion equation only</u>):				
	N/A					
12.	If this stack is equipped with continuous pollutant monitoring equipment requiso2, NOx, etc.)?	ired for compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,				
	30 ₂ , NO _N , etc. <i>j</i> :					
	" Not Applicable"					
	vot ripplicable					
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh	austing through this stack.				
10		CDESCRIPTION				
13.	Do you have a bypass stack?					
	Yes N	No ±1				
G.	If yes, describe the conditions which require its use & complete APC form 4 f number(s) exhausting through this bypass stack.	or the by pass stack. Please identify the stack number(s) of flow diagram point				
	number(s) exhausting through this by pass stack.					
1						
4.	Page number: APC 3.19 Revision Number: 1	Date of Revision:				
		November 23, 2021				



	GENERAL IDENTIFICA	TION AND DESCRIPTION
1.	Facility name:	
	Holliston Holdings, LLC	
2	Emission source (identify):	
	Source 37-0001-10 - Coater #8; Zone 4	
		ESCRIPTION
3.	Stack ID (or flow diagram point identification)	
	P26F	
4.	Stack height above grade in feet	
	39.25 ft.	
5.	Velocity (data at exit conditions):	6. Inside dimensions at outlet in feet:
	(Actual feet per second)	2.5 x 3.29 ft
7.	Exhaust flowrateat exit conditions (ACFM):	
<i>''</i>	14,985	8. Flow rate at standard conditions (DSCFM): 13,924
)9.	Exhaust temperature:	10. Moisture content (data at exit conditions):
	110 deg F	Grains per dry N/A standard cubic
	Degrees Fahrenheit (°F)	Percent foot(gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent of	or more of the operating time (for stacks subject to diffusion equation only):
	N/A (°F)	
12.		uired for compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	SO ₂ , NO _x , etc.)?	
	" Not Applicable"	
	vot. (ppilodote	
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source ex	hausting through this stack.
		K DES CRIPTION
13.	Do youhave a bypass stack?	
		No :
	If yes, describe the conditions which require its use & complete APC form 4	for the by pass stack. Please identify the stack number(s) of flow diagram point
	number(s) exhausting through this by pass stack.	
)_	Page number: 2 700 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Data of Pavision -
7.	Page number: APC 3.20 Revision Number: 1	Date of Revision: November 23, 2021



	. GENERAL: IDENTIFICATION AND DESCRIPTION			
I.	Facility name:			
2.	Holliston Holdings, LLC Emission source (identify):			
	Source 37-0001-10 - Coater #11; Head Exhaus	st		
	STACK DE	SCRI	PTION	
3	Stack ID (or flowdiagram point identification):			
	P34F			
4_	Stack height above grade in feet:	- 745		
	31.85 ft.			
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:	
	(Actual feet per second)		1 ft diameter	
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):	
	688		679	
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):	
	80 deg F		Orains per dry N/A standard cubic	
	Degrees Fahrenheit (°F)		Percent foot (gr./dscf.)	
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	rmore (of the operating time (for stacks subject to diffusion equation only):	
	N/A (°F)			
12.	If this stack is equipped with continuous pollutant monitoring equipment requiso ₂ , NO _x , etc.)?	nred for	compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,	
	" Not Applicable"			
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh.	aust ing	through this stack.	
ME	BYPASS STACK	K DES	CRIPTION	
13.	Do youhave a bypass stack?			
		No		
	If yes, describe the conditions which require its use & complete APC form 4 for number(s) exhausting through this bypass stack.	for the b	ypass stack. Please identify the stack number(s) of flow diagram point	
N's				
14.	Page number: APC 3.21 Revision Number: 1		Date of Revision: November 23, 2021	



	GENERAL IDENTIFICA	TION	AND DESCRIPTION
1.	Facility name:		
	Holliston Holdings, LLC		
2	Emission source (identify):		
	Source 37-0001-10 - Coater #11; Zone 1		
	STACK DI	ESCRI	PTION
3.	Stack ID (or flow diagram point identification):		
	P35F		
4.	Stack height above grade in feet:		
	39.5 ft.		
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:
	(Actual feet per second)		2.46 x 2.73 ft
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
	8,132	"	7,244
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):
1)	•		Grains per dry
	135 deg F		20 N/A standard cubic
	Degrees Fahrenheit (°F)		Percent foot(gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent of	ormore o	of the operating time (for stacks subject to diffusion equation only):
	N/A (°F)		***
12.	If this stack is equipped with continuous pollutant monitoring equipment req	puired for	r compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	SO ₂ , NO _x , etc.)?		
	" Not Applicable"		
	, to the production		
-0011.0 000000	Complete the appropriate APC form(s) 4,5,7.8,9, or 10 for each source ex	haust ing	g through this stack
	BYPASS STAC	K DES	CRIPTION
13.	Do you have a bypass stack?		
		No	
	If yes, describe the conditions which require its use & complete APC form 4 number(s) exhausting through this bypass stack.	for the b	by pass stack. Please identify the stack number(s) of flow diagram point
	number(s) exhausing through this by pass stack.		
15			
4.	Page number: APC 3.22 Revision Number: 1		Date of Revision: November 23, 2023
			110 V C (120 C 1 23 / 202 .



	GENERAL IDENTIFICAT	TION A	ND DESCRIPTION		
1.	Facility name:				
	Holliston Holdings, LLC				
2.	Emission source (identify):				
	Source 37-0001-10 - Coater #11; Zone 2				
	STACK DE	SCRIP	TION		
3.	Stack ID (or flowdiagram point identification):				
	P36F				
4.	Stack height above grade in feet:				
	39.5 ft.				
Š.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet	in feet.	
	(Actual feet per second)		2.46 x 2.73 ft		
7.	Exhaust flowrate at exit conditions (ACFM):	8.	Flow rate at standard condi-	tions (DSCFM):	
	8,154		7,259		
9.	Exhaust temperature:	10.	Moisture content (data at ex	cit conditions):	
)					Grains per dry
	150 deg F Degrees Fahrenheit (°F)		Percent	N/A	standard cubic foot (gr./dscf.)
II.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	r more of	the operating time (for stac	ks subject to diffu	sion equation only):
	N/A (°F)				
12.	If this stack is equipped with continuous pollutant monitoring equipment requison, NO $_{x}$, etc.)?	ired for	compliance, what pollutant(s) does this equipn	nent monitor (e.g., Opacity,
	" Not Applicable"				
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh		hannah é bia at a atr		
20.000	A THE RESERVE AND ADDRESS OF THE ADDRESS OF THE PARTY OF	COMPRESSOR			
12	BYPASS STACK Do you have a bypass stack?	K DES (CRIPTION		
13.	X				
		No.	12/28 W.S. 800		
	If yes, describe the conditions which require its use & complete APC form 4 I number(s) exhausting through this bypass stack.	for the by	pass stack. Please identify th	he stack number(s) of flow diagram point
1					
14.	Page number: APC 3.23 Revision Number: 1		Date of	Revision: Nove	ember 23, 2021



	GENERAL IDENTIFICATION AND DESCRIPTION			
1.	Facility name:			
2.	Holliston Holdings, LLC Emission source (identify):			
2.	Source 37-0001-10 - Coater #11; Zone 3			
1000	STACK DE	SCOT	PHON	
3.	Stack ID (or flowdiagram point identification):	3 C.MI	I PROIT	
	P37F			
4.	Stack height above grade in feet:			
	33.67 ft.			
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:	
	(Actual feet per second)		2.50 ft diameter	
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):	
	4,435		4,274	
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):	
7	00 dog "		Grains per dry N/A standard cubic	
	90 deg F Degrees Fahrenheit (°F)		20 N/A standard cubic foot (gr./dscf.)	
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	more	of the operating time (for stacks subject to diffusion equation only):	
	· N/A		ε,	
	(°F)			
12.	If this stack is equipped with continuous pollutant monitoring equipment requi	red fo	r compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,	
	SO ₂ , NO _x , etc.)?			
	" Not Applicable"			
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exha	auet ina	Through this stack	
2000				
13.	BYPASS: STACK Do youhave a bypass stack?	DES	CRITION	
	Yes N	0		
	If yes, describe the conditions which require its use & complete APC form 4 for		whass stack. Please identify the stack number(s) of flow diagram point	
	number(s) exhausting through this bypass stack.		, pano and a control and a con	
14.	Page number: APC 3.24 Revision Number: 1		Date of Revision: November 23, 2021	



	GENERAL IDENTIFICAT	ю	AND DESCRIPTION
1.	Facility name:		
	Holliston Holdings, LLC		
2	Emission source (identify): Source 37-0001 - 10 - Coater #11; Zone 4		
200000		COL	WITCH!
3.	Stack ID (or flowdiagram point identification):	CRI	FINON
	P38F		
4.	Stack height above grade in feet:		
	39.50 ft.		
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:
	(Actual feet per second)		2.85 x 2.29 ft
7.	Exhaust flowrateat exit conditions (ACFM);	8.	Flow rate at standard conditions (DSCFM):
	11,023		9,578
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):
2	450 1. 5		Grains per dry
	150 deg F Degrees Fahrenheit (°F)		20 . N/A standard cubic foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	тоге	of the operating time (for stacks subject to diffusion equation only):
	N/A · · · · · · · · · · · · · · · · · · ·		
12.	If this stack is equipped with continuous pollutant monitoring equipment requisod SO_2 , NO_x , etc.)?	red fo	r compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	" Not Applicable"		
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exha	natina	the words this stock
VISION I	BYPASS STACK		
13.	Do youhave a bypass stack?	DES	CRITION
	Yes X	0	
	If yes, describe the conditions which require its use & complete APC form 4 for number(s) exhausting through this by pass stack.		ny pass stack. Please identify the stack n umber(s) of flow diagram point
Ā.	Page number: APC 3.25 Revision Number: 1		Date of Revision: November 23, 2021



	GENERAL IDENTIFICAT	TON	AND DESCRIPTION
1.	Facility name: Holliston Holdings, LLC		
2.	Emission source (identify):		
	Source 37-0001 -10 - Coater #15; Zone #1		
	STACK DE	SCRI	PHON
3.	Stack ID (or flowdiagram point identification):		
	P62F		
4.	Stack height above grade in feet:		
_	41.67 ft.		
5.	Velocity (data at exit conditions):	6	Inside dimensions at outlet in feet:
	(Actual feet per second)		2.33 x 2.83 ft
7.	Exhaust flowrate at exit conditions (ACFM): 7,222	8.	Flow rate at standard conditions (DSCFM): 5,244
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):
))			Grains per dry
	295 deg F Degrees Fahrenheit (°F)		20 N/A standard cubic foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent o	r more	
	N/A		3: 3:
	(°F)		
12.	If this stack is equipped with continuous pollutant monitoring equipment requiso2, NOx, etc.)?	ired fo	r compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	302, 110x, ctc. j:		
	" Not Applicable"		
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh	aust ing	through this stack.
	BYPASS STACE	C DES	CRIPTION
13.	Do you have a bypass stack?		
	274.1	No.	
	If yes, describe the conditions which require its use & complete APC form 4 f number(s) exhausting through this bypass stack.	for the b	y pass stack. Please identify the stack number(s) of flow diagram point
)-	Page number: APC 3.26 Revision Number: 1		Date of Revision: November 23, 2021



	GENERAL IDENTIFICAT	TON AND DESCRIPTION
1.	Facility name:	
	Holliston Holdings, LLC	
2	Emission source (identify):	
	Source 37-0001-10 - Coater #15; Zone #2	
	STACK DE	SCRIPTION
3.	Stack ID (or flow diagram point identification):	
	P63F	
4.	Stack height above grade in feet:	
	31.58 ft.	
5.	Velocity (data at exit conditions):	6. Inside dimensions at outlet in feet:
	25	
	(Actual feet per second)	2 ft diameter
7.	Exhaust flowrateat exit conditions (ACFM):	8. Flow rate at standard conditions (DSCFM):
	9,916	7,445
9.	Exhaust temperature:	10. Moisture content (data at exit conditions):
		Grains per dry
	246 deg F Degrees Fahrenheit (°F)	20 N/A standard cubic foot (gr./dscf.)
11	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	
		more of the opening time (to reason project ty the time time).
	N/A (°F)	
12.	If this stack is equipped with continuous pollutant monitoring equipment requiso2, NO _x , etc.)?	ired for compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	302,110,2010.	
	" Not Applicable"	
	· · · · · · · · · · · · · · · · · · ·	
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh	austing through this stack.
		CDESCRIPTION
13.	Do you have a bypass stack?	
	Yes	No.
	If yes, describe the conditions which require its use & complete APC form 4 f	or the bypass stack. Please identify the stack number(s) of flow diagram point
	number(s) exhausting through this by pass stack.	
1		
4.	Page number: APC 3.27 Revision Number: 1	Date of Revision: November 23, 2021



3	GENERAL IDENTIFICAT	MON	AND DESCRIPTION
1.	Facility name:		
	Holliston Holdings, LLC		
2.	Emission source (identify):	3.6	
	Source 37-0001-10 - Tenter #1; Zone 1		
	STACK DE	SCRI	PTION
3.	Stack ID (or flow diagram point identification):		
	P1A		
4.	Stack height above grade in feet:		
	25.3 ft.		
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:
	(Actual feet per second)		2 ft diameter
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
	4,553	0.	4,233
9.	Exhaust temperature:	10.	
1)	Extraction to important or	10.	Moisture content (data at exit conditions):
	110 deg F Degrees Fahrenheit (°F)		Orains per dry Standard cubic Fercent Foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	more	of the operating time (for stacks subject to diffusion equation only):
	(°F)		2.6
12.	If this stack is equipped with continuous pollutant monitoring equipment requ SO_2 , NO_x , etc.)?	ired fo	r compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	" Not Applicable"		
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exh.	aust ing	through this stack
	BYPASS STACK	DES	CRIPTION
13.	Do you have a bypass stack?		
	Yes N	lo	ē
	If yes, describe the conditions which require its use & complete APC form 4 for number(s) exhausting through this by pass stack.	or the b	rypass stack. Please identify the stack number(s) of flow diagram point
0			
A	Page number: APC 3.28 Revision Number: 1		Date of Revision: November 23, 2021



	GENERAL IDENTIFICAT	TION .	AND DESCRIPTION			
1.	Facility name:	- 1			and Laure on the laure of the l	
	Holliston Holdings, LLC					
2.	Emission source (identify):					
	Source 37-0001-10 - Tenter #1; Zone 2					
3.	Stack ID (or flow diagram point identification):	SCRI	MOIT			
	P2A					
4.	Stack height above grade in feet:	_				
	24.5 ft.					
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:			
	(Actual feet per second)		3.17 ft diameter			
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DS	SCFM):		
	26,031		21,557			
9.	Exhaust temperature:	10.	Moisture content (data at exit condit	ions):		
2	180 deg F		20	N/A	Grains per dry standard cubic	13
	Degrees Fahrenheit (°F)		Percent	IN/A	_ foot (gr./dscf.)	
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent o	rmore o	f the operating time (for stacks subjec	t to diffu	sion equation only):	
	N/A (°F)					
12.	If this stack is equipped with continuous pollutant monitoring equipment requiso ₂ , NO _x , etc.)?	uired for	compliance, what pollutant(s) does th	is equipn	ment monitor (e.g., Op	pacity,
	" Not Applicable"					
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh	naust ing	through this stack.			
	BYPASS STACE	K DES	CRIPTION			
13.	Do you have a by pass stack?					
		10	•			
	If yes, describe the conditions which require its use & complete APC form 4 f number(s) exhausting through this bypass stack.	for the by	pass stack. Please identify the stack n	umber(s	s) of flowdiagram poi	int
1	Page number: ADC 3 29 Revision Number: 1		Date of Devision	·		
	Page number: APC 3.29 Revision Number: 1		Date of Revision	. Nov	ember 23,	2021



	GENERAL IDENTIFICATI	ION .	AND DESCRIPTION
1	Facility name:		
2	Holliston Holdings, LLC		
2.	Emission source (identify): Source 37-0001-10 - Tenter #1; Zone 3		
K I S		CDD	
3	Stack ID (or flow diagram point identification):	CKU	arion
	P3A		
4.	Stack height above grade in feet:		
	24.30 ft.		
5.	Velocity (data at exit conditions)	6	Inside dimensions at outlet in feet:
	(Actual feet per second)		2.17 ft diameter
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
	1,865		1,765
9.	Exhaust temperature:	10.	. Moisture content (data at exit conditions):
9	400 day 6"		Grains per dry
	100 deg F Degrees Fahrenheit (°F)		20 N/A standard cubic foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or r	more c	e of the operating time (forstacks subject to diffusion equation only):
	N/A		
	(°F)		
12.	If this stack is equipped with continuous pollutant monitoring equipment requir	red for	for compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	SO_2 , NO_x , etc.)?		
	" Not Applicable"		
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exhau	not in a	mathemath this stock
Series.	N. S.		
13.	Do youhave a bypass stack?	DES	SCRITION
	Yes X	,	
	If yes, describe the conditions which require its use & complete APC form 4 for		e hymacs starty. Please identify the stark number(s) of flow disoram no int
	number(s) exhausting through this by pass stack	tilleo	- vypas stack / rease identity the stack it differ (s) of flow diagram from
,			
4.	Page number: APC 3.30 Revision Number: 1		Date of Revision: November 23, 2021



-	GENERAL IDENTIFICAT	TON	AND DESCRIPTION			
1.	Facility name:					
	Holliston Holdings, LLC					
2.						
-	Source 37-0001-10 - Range #3 (Tenter #3); Zo					
3.	Stack ID (or flowdiagram point identification):	SCRI	PHON MARKET STATE OF THE STATE			
	P7A					
4.	Stack height above grade in feet:					
₩.						
	28.10 ft.					
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:			
	(Actual feet per second)		2.17 ft diameter			
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):			
	3,917		3,579			
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):			
17	420 day E			Grains per dry		
	120 deg F Degrees Fahrenheit (°F)			standard cubic foot (gr./dscf.)		
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	r more (of the operating time (<u>for stacks subject to diffusio</u>	on equation only):		
	· N/A					
	(°F)					
12.	If this stack is equipped with continuous pollutant monitoring equipment requ SO ₂ , NO ₃ , etc.)?	ired fo	rcompliance, what pollutant(s) does this equipmen	nt monitor (e.g., Opacity,		
	" Not Applicable"					
_	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exh.	aust ing	through this stack.			
	BYPASS STACK	CDES	CRIPTION			
13	Do you have a bypass stack?	THE PERSON		VIII N. T. L.		
	YesN	10				
	If yes, describe the conditions which require its use & complete APC form 4 for number(s) exhausting through this bypass stack		by pass stack. Please identify the stack п umber(s) o	of flow diagram point		
)-	Page number:		Date - 6D			
J. 7 .	Page number: APC 3.31 Revision Number: 1	G (0.	Date of Revision: Nover	mber 23, 2021		



100	"GENERAL IDENTIFICATION	ON.	AND DESCRIPTION			
1.	Facility name:	The state of the s				
	Holliston Holdings, LLC					
2.	Emission source (identify):					
	Source 37-0001-10 - Range #3 (Tenter #3); Zone 2					
	, STACK DES	CRI	PTION :			
3.	. Stack ID (or flow diagram point identification):					
	P8A					
4.	Stack height above grade in feet:					
	28.20 ft.					
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:			
	(Actual feet per second)		2.17 ft diameter			
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):			
	5,969		5,103			
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):			
))			· ·			
	160 deg F		20 N/A Standard cubic			
	Degrees Fahrenheit (°F)		Percent foot (gr./dscf.)			
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or n	nore o	If the operating time (for stacks subject to diffusion equation only):			
	N/A (°F)					
12.	If this stack is equipped with continuous pollutant monitoring equipment require SO ₂ , NO _x , etc.)?	ed for	compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,			
	" Not Applicable"					
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exhau	act inc	through this stock			
status						
12	Do you have a bypass stack?	DES	CRIPTION			
15	X					
	Yes No)	12			
	If yes, describe the conditions which require its use & complete APC form 4 for number(s) exhausting through this bypass stack.	r the by	pass stack. Please identify the stack number(s) of flow diagram point			
	number(s) exhausting through this by pass stack.					
))-	Page number:		Data of Partitions			
- Prof.	Page number: APC 3.32 Revision Number: 1		Date of Revision: November 23, 2021			



	GENERAL IDENTIFICA	TION	AND DESCRIPTION
1:	Facility name:		
_	Holliston Holdings, LLC		
2.	Emission source (identify):		
No.	Source 37-0001-10 - Range #3 (Tenter #3); Zo		
3.	Stack ID (or flowdiagram point identification):	SCRI	PTION
	P9A		
-4			
4.	Stack height above grade in feet:		
Ÿ	28.10 ft.		
5	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:
	(Actual feet per second)		2.17 ft diameter
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
	4,103		3,222
. 9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):
	045 5		Grains per dry
	215 deg F Degrees Fahrenheit (°F)		20 N/A standard cubic foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent of	r more (of the operating time (for stacks subject to diffusion equation only):
	N/A		
	(°F)		
12.	If this stack is equipped with continuous pollutant monitoring equipment requ	nired for	arcompliance what pollutant(s) does this equipment monitor (e.g., Opacity
	SO ₂ , NO _x , etc.)?		recomprised, white position of the equipment method (e.g., episote),
	" Not Applicable"		
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh	haust ing	g through this stack.
	BYPASS STAC	K DES	CRIPTION
13.	Do you have a bypass stack?		
		No	
	If yes, describe the conditions which require its use & complete APC form 4	for the b	by pass stack. Please identify the stack number(s) of flow diagram point
	number(s) exhausting through this by pass stack.		
4.	Page number: APC 3.33 Revision Number: 1		Date of Revision: November 23, 202



200	GENERAL IDENTIFICATION	ON	AND DESCRIPTION			
1.	Facility name:					
	Holliston Holdings, LLC					
2.	J,					
	Source 37-0001-10 - Range #3 (Tenter #3); Zone 4					
3.	STACK DESCRIPTION					
25	Stack ID (or flow diagram point identification):					
	P10A					
4.	Stack height above grade in feet:					
	28.20 ft.					
5.	1	6.	Inside dimensions at outlet in feet			
	(Actual feet per second)		2 ft diameter			
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):			
	2,976		2,524			
. 9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):			
			Grains per dry			
	165 deg F Degrees Fahrenheit (°F)		20 N/A standard cubic foot (gr./dscf.)			
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or n	nore				
	N/A		A.I			
	(°F)					
12	If this stack is equipped with continuous pollutant monitoring equipment require	ad fa	and making that a flat and a decathing and an artist of a soliton.			
	SO ₂ , NO _x , etc.)?	cu 10	reomphance, what pountain(s) does this equipment monitor (e.g., Opacity,			
	" Not Applicable"					
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exhau	ıst ing	g through this stack.			
	BYPASS STACK I	DES	CRIPTION			
13.	Do you have a by pass stack?					
	Yes No					
	If yes, describe the conditions which require its use & complete APC form 4 for	theb	by pass stack. Please identify the stack number(s) of flow diagram point			
	number(s) exhausting through this by pass stack.					
_						
	Page number: APC 3.34 Revision Number: 1		Date of Revision:			
Market C.	age number: APC 3.34 Revision number: 1		November 23, 2021			



	"GENERAL IDENTIFICAT	TION	AND DESCRIPTION
1.	Facility name:		
	Holliston Holdings, LLC		The state of the s
2.	Emission source (identify):		
_	Source 37-0001-10 - Range #4 (Tenter #4); Zo	one 1	
3	Stack ID (or flow diagram point identification):	SCRI	TION
	P11A		
4.	Stack height above grade in feet:		
	28.20 ft.		
5_	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:
	(Actual feet per second)		2 ft diameter
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
	6,751		5,380
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):
))			Grains per dry
	295 deg F Degrees Fahrenheit (°F)		20 N/A standard cubic foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent o	r more o	
	N/A		
	(°F)		
12	If this stack is equipped with continuous pollutant monitoring equipment requ	inad Ca-	
1	SO ₂ , NO _x , etc.)?	illed 101	compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	" Not Applicable"		
			3
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh	aust ing	through this stack.
U.S.	BYPASS STACE	C DES	CRIPTION
13.	Do you have a by pass stack?		Parties and the second
	Yes X	No	
	If yes, describe the conditions which require its usc & complete APC form 4 f	for the by	pass stack. Please identify the stack number(s) of flow diagram point
	number(s) exhausting through this by pass stack		
4	Page number: APC 3.35 Revision Number: 1		Date of Revision: November 23, 2021
			November 23, 2021



	GENERAL IDENTIFICAT	TION	AND DESCRIPTION			
1.	Facility name:					
2.	Holliston Holdings, LLC Emission source (identify):					
-	Source 37-0001-10 - Range #4 (Tenter #4); Zo	one 2)			
	STACK DISCRIPTION					
3.	Stack ID (or flowdiagram point identification):				компонентирования и горова	
	P12A					
4.	Stack height above grade in feet:	2-638				
	27.20 ft.				3	
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet			
	(Actual feet per second)		2.17 ft diameter			
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (D	SCFM):		
0	3,516		2,714			
9.	Exhaust temperature:	10.	Moisture content (data at exit condi	itions):		
	220 deg F		20	N/A	Grains per dry standard cubic	
11	Degrees Fahrenheit (°F)		Percent	1100	_ foot(gr./dscf.)	
	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	r more c	t the operating time (<u>for stacks subjec</u>	ct to airtus	sion equation only):	
	N/A (°F)					
12.	If this stack is equipped with continuous pollutant monitoring equipment requ	nired for	compliance what pollutant/s) does t	his equinm	ent monitor (e.g. Opacity	
	SO ₂ , NO _x , etc.)?		Tompourous, view ponumento, acesti.	o oquipi.	ten monto (e.g., opane,	
	" Not Applicable"					
	нос друговые					
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exhibits a					
LSU626						
13.	BYPASS;STACK Do you have a bypass stack?	V DES	SRIPTION			
	Yes N	No				
	If yes, describe the conditions which require its use & complete APC form 4 for	or the b	ypass stack. Please identify the stack	n umber(s)	of flowdiagram point	
	number(s) exhausting through this by pass stack.					
1			81 ST 458 (Tubb 53 TV	e organisation		
14.	Page number: APC 3.36 Revision Number: 1		Date of Revision	n: Nov	ember 23, 2021	



38	GENERAL IDENTIFICAT	ION A	ND DESC	RIPTION		
1.	Facility name:				and the few fields	
	Holliston Holdings, LLC	Dec-Oversion	979, 5 A.M. SO SA			
2	Emission source (identify):					
	Source 37-0001-10 - Tenter #5; Zone 1					107050
	STACK DE	SCRIP	TION			
3.	Stack ID (or flowdiagram point identification):					
	P20A					
4.	Stack height above grade in feet		W = -			
	28.10 ft.					
5.	Velocity (data at exit conditions):	6.	Inside dimer	sions at outlet i	n feet:	
	(Actual feet per second)		1.33 x 1	.75 ft		
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at	standard condit	ions (DSCFM):	
	5,120	j.	4,449		,	
9.	Exhaust temperature:	1		ntent (data at ex	it conditions):	
))				`	,	Grains per dry
	150 deg F Degrees Fahrenheit (°F)		20	Percent	N/A	standard cubic foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	more of	the operating	g t ime (<u>for stack</u>	s subject to diffu	sion equation only):
	N/A (°F)					
12.	If this stack is equipped with continuous pollutant monitoring equipment requison, NO $_{x}$, etc.)?	ired for c	omplianœ, v	vhat pollutant(s)	does this equipm	nent monitor (e.g., Opacity,
	" Not Applicable"					
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exha	auct ina th	much this st	ack		
J. S. J.	BYPASS STACK	CHARLES OF THE		Section Sectin Section Section Section Section Section Section Section Section		
13.	Do youhave a bypass stack?	DESC	KUE I ION			
	Ycs N	lo				
	If yes, describe the conditions which require its use & complete APC form 4 for number(s) exhausting through this bypass stack.		oass stack. Pi	lease identify the	e stack n umber(s) of flowdiagram point
1						
14	Page number: APC 3.37 Revision Number: 1			Date of F	Revision: Nov	ember 23, 2021



133	GENERAL IDENTIFICATI	ION A	ND DESCRIPTION	
1.	Facility name:		6	
	Holliston Holdings, LLC			
2.	Emission source (identify):			
	Source 37-0001-10 - Tenter #5; Zone 2			
	STACK DE	CRIP	HON	
3.	Stack ID (or flow diagram point identification):			
	P21A			
4.	Stack height above grade in feet:			
	27.75 ft.			
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:	
	(Actual feet per second)		1.33 ft diameter	
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM)	
	3,607		3,187	
9.	Exhaust temperature:	10.	Moisture content (data at exit conditions):	
V				Grains per dry
	140 deg F Degrees Fahrenheit (°F)		20 N/A	standard cubic foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	more of	the operating time (for stacks subject to dif	fusion equation only):
	N/A			15 to
	(°F)			
12.	If this stack is equipped with continuous pollutant monitoring equipment require	red for c	compliance, what pollutant(s) does this equi	pment monitor (e.g., Opacity,
	SO ₂ , NO _x , etc.)?		, p	,
	" Not Applicable"			
	Not Applicable			
	Complete the appropriate APC form(s) 4, 5, 7, 8, 9, or 10 for each source exha	usting t	hrough this stack.	
	BYPASS STACK	DESC	ERIPTION	
13.	Do you have a bypass stack?			
	Yes No)		
	If yes, describe the conditions which require its use & complete APC form 4 fo	r the by	pass stack. Please identify the stack number	r(s) of flowdiagram point
	number(s) exhausting through this bypass stack.			
)	Page number: Davisian Number:		Deta - Chaminia	
LIFE.	Page number: APC 3.38 Revision Number: 1		Date of Revision: No	vember 23, 2021



TITLE V PERMIT APPLICATION STACK IDENTIFICATION

1	GENERAL IDENTIFICAT	HON	AND DESCRIPTION
1.	Facility name:	and the same of	A STATE OF THE STA
	Holliston Holdings, LLC		
2.	Emission source (identify):		
	Source 37-0001-16 - Eight (8) each, 0.8 MM B	stu/hr	Tenter Drying Ovens; All zones
	STACK DE	SCRI	PTION
3.	Stack ID (or flow diagram point identification):		
- 37	P80F		
4.	Stack height above grade in feet:	1000	
	32.5 ft.		
5.	Velocity (data at exit conditions):	6.	Inside dimensions at outlet in feet:
	45 (Actual feet per second)		1.7 ft diameter
7.	Exhaust flowrateat exit conditions (ACFM):	8.	Flow rate at standard conditions (DSCFM):
	7,209		5,833
9.	Exhaust temperature;	10.	Moisture content (data at exit conditions):
))	·		
	195 deg F Degrees Fahrenheit (°F)		20 N/A Grains per dry standard cubic foot (gr./dscf.)
11.	Exhaust temperature that is equaled or exceeded during ninety (90) percent or	r more o	of the operating time (for stacks subject to diffusion equation only):
	N/A (°F)		ūr sā
12.	If this stack is equipped with continuous pollutant monitoring equipment requison, NO $_x$, etc.)?	ired for	compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,
	" Not Applicable"		
	Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh	aust ing	through this stack.
	BYPASS STACK	H-708 H-718	
13.	Do you have a bypass stack?		
	X	Vo	
1	If yes, describe the conditions which require its use & complete APC form 4 finumber(s) exhausting through this bypass stack.	for the b	ypass stack. Please identify the stack number(s) of flow diagram point
	Page number: APC 3.39 Revision Number: 1	- 10	Date of Revision:
	APC 3.39 Revision Number. 1		November 23, 2021



TITLE V PERMIT APPLICATION FUEL BURNING NON-PROCESS EQUIPMENT

靈		GENERAL	DENTIFICATIO	N AND DE	SCRIPTION				
I.	Facility name: Holliston Holdings,	LLC							
2.	Stack ID or flow diagram	n point identification (s):							
		FUEL BU	RNING EQUIPM	ENT DESC	RIPTION				
3.	List all fuel burning equip	ment that is at this fuel burning in	stallation (please con	plete an APC	4 form for each piece of fuel burn in	g equipment)			
	Source 37-0001-02	, 39 MM Btu/hr Springfi	eld Boiler;						
4.	Fuel burning equipment identification number. Springfield Boiler Serial Number 631								
5.	Fuel burning equipment d	escription:							
	Burns Natural Gas t	to produce steam for pro-	cess heat						
100									
1	Year of installation or last 1962	modification of fuel burning equi	pment.						
7.	Furnace type:			8 Manu	facturer model number (ifavailable):			
	"D"			Sprin	gfield Serial #631				
	Tarada a Cabia Call	The state of the s			16797				
9.		ng installation in UTM coordinate		ertical: 82 45	00 UTM Horizoi	ntal: 36 30 00			
10.	Normal operating schedule	e: 24 Hrs./Day <u>07</u>	_ Days/Wk. <u>365</u> _	_ Days/Yr					
			ROIS, AND MO						
11.	Maximum rated heat input 39 MMBTU/HR	capacity (in million BTU/Hour)			d is used as a fuel, specify the amount the input.	unt of wood used as a fraction			
	39 IVIIVID I U/FIR			"Not Applicable"					
13.	Fuels:	Primary fuel	Backup fu	el#1	Backup fuel #2	Backup fuel #3			
	Fuel name	Natural Gas	#2 Oi	I	#4 Oil				
Act	tual yearly consumption	5 MMCF	Currently no	ot used	Currently not used				
14.		burning equipment are controlled	for compliance, plea	se specify the t	ype of control:				
15	"Not Applicable"		16.						
13.	"Not Applicable"	burning equipment are monitored	i i or compilance, pica	se specify the t	ty pe o i monitoring:				
16.	Describe any fugitive emis	sions associated with this process,	, such as outdoor stor	age piles, open	conveyors, material handling opera	tions, etc. (please attach a			
	"Not Applicable").							
) 7.	Page number:	Revision 1	Number:		Date of Revision:				
-	APC 4.1	474 - 401011 1	1		November 23, 202	21			



TITLE V PERMIT APPLICATION FUEL BURNING NON-PROCESS EQUIPMENT

	GENERAL IDENTIFICATION AND DESCRIPTION								
1.	Facility name: Holliston Holdings,	LLC							
2	Stack ID or flow diagra	m point identification (s):							
遊廳	FUEL BURNING EQUIPMENT DESCRIPTION								
3.	List all fuel burning equip		The second secon		4 form for each piece of fuel burnin	g equipment).			
ļ	Source 37-0001-12	2, 29.41 MM Btu/hr York-	Shipley Boiler		-				
4.	Fuel burning equipment identification number: Boiler #12								
5.	Fuel burning equipment of	lescription:							
	Burns Natural Gas	to produce steam for prod	cess heat						
, -	Year of installation or last 2008	t modification of fuel burning equip	oment.	1000					
7.	Furnace type:		8.	Manu	facturer model number (if available):			
	Firetube			York-	-Shipley Model No. 5112L	-53W-700-S150			
9.		ing installation in UTM coordinate			00 UTM Horizon	ntal: 36 30 00			
10.	Normal operating schedul	e: 24 Hrs./Day <u>07</u>	Days/Wk. 365 I	Days/Үг.					
		FUELS, CONTI	ROLS, AND MONIT	ORING	DESCRIPTION				
11.		t capacity (in million BTU/Hour)	12		d is used as a fuel, specify the amount	unt of wood used as a fraction			
	29.41 MMBTU/HR			oftotal heat input. "Not Applicable"					
1.2	Fuels	D: CI	2 1 6 1 11	. 3		7. 4. 0. 140			
13.	Fuels:	Primary fuel	Backup fuel #1		Backup fuel #2	Backup fuel #3			
	Fuel name	Natural Gas	#2 Oil		#4 Oil				
	ual yearly consumption	5 MMCF	Currently not u		Currently not used				
14.		burning equipment are controlled	for compliance, please sp	ecify the t	ype of control:				
15	"Not Applicable"	burning equipment are monitored	for commission and account	ani Gutha t					
ı J.	"Not Applicable"	on must ediabute us are monitoled	tor compilance, prease sp	ectry the t	y pe or mormoring:				
16.	Describe any fugitive emi-		such as out door storage p	iles, open	conveyors, material handling opera	tions, etc. (please attach a			
	separate sheet if necessary). "Not Applicable"								
) p.	Page number:	Revision N	Jumber:		Date of Revision:				
1	APC 4.2		1		November 23, 201	24			



TITLE V PERMIT APPLICATION STATIONARY GAS TURBINE OR INTERNAL COMBUSTION ENGINE

GENERAL IDENTIFICATION AND DESCRIPTION								
1. Facility name:								
Holliston Hold		01 1001		4				
2. Stack ID or flow diagram					1			
"Not Applicable" to F				A 10	A			
2 List all pasturbings and inte		The Part of the Control of the Contr		ENGINE DESCRIPTION				
3. List all gas turbines and int	ernal combustion engines at this	racility on a separa	te sneet, and p	lease complete an APC, 5 form for ea	ach piece of equipment.			
"Not Applicable"				A Comment				
4. Manufacturer and model n	umber:							
5. Equipment description:	Equipment description:							
6. Date of installation or last a	modification of equipment	AND THE REAL PROPERTY.	Ψ					
	nodia rodino no no qui prinoti.							
7. Rated heat input capacity (in million BTU/Houn) and rated l	orsepower: 8	Ifeouinm	ent is a gas turbine, list type:				
(· · · · · · · · · · · · · · · · · · ·					
	VIA ACCUS	9		_ Simple cycle				
State which heating value v	ARREST VER			Regenerative cycle				
Lowerhea	ting value			_ Combined cycle				
	unstallation in UTM coordinate	es: UTM	Vertical:	UTM Horizontal:				
10. Normal operating schedule:	Hrs./Day	Days/Wk.	Days/Yr					
Alla VA	energia de la			on a control the street of stone (the same	MANGELEN AND STREET, S			
A CHARLE		FUEL DESC	RIPTION					
11. Fuels:	Primary fuel	Backup f	uel#1	Backup fuel #2	Backup fuel #3			
Fuel name		7000						
Actual yearly consumption								
12. (For NSPS turbines only) M heating value of fuel as mea	lanufacturer's rated heat rate at a sured at actual peak load for the	nanufacturer's rated unit:	lpeakload(kil	lojoules per watt hour), or actual mo	asured heat rate based on lower			
3. Page number: APC 5.1	Revision	Number:		Date of Revision:	rember 23, 2021			



TITLE V PERMIT APPLICATION STORAGE TANKS

10.75		AL IDENTIFICATION AND DESCRIPTION								
1	Facility name: Hollistonn Holdings, LLC									
2.	Process emission source (identify): Vent T1									
		STORAGE TANK DESCRIPTION								
3.	Storage tank identification: Tank T1									
4.	Location of the storage tank or tank farm in UTM coo	Location of the storage tank or tank farm in UTM coordinates: UTM Vertical: 82 45 00 UTM Horizontal: 36 30 00								
5.	Storage tank capacity: 6. Year of insta 10,000 (Gallons)	1 10.5	(Feet) 8. Tank diameter: (Feet) 7.33 (Feet)							
9.	Color of tank: White X Oth	er Specify Tan								
	Is this tank equipped with a submerged fill pipe?	Yes No								
	Type of storage tank: Open top tank Pressurized tank X Fixed ro External	oofFixed roof w/internal floating roof l floating roofVariable vapors	Other (specify)							
12.	For fixed roof tanks: A. Tank configuration (check one):: B. Tank roof type: (check one) Cone roof - indicate to the check one) Domeroof - indicate to the check one) Indicate shell radius 3.66 (f	ical (upright cylinder) X Horizontal ank roof height N/A (ft)								
1	FI CONTRACTOR OF THE PARTY OF T	OATING ROOF TANK DESCRIPTION								
	For Floating Rook tanks (both internal and external) – Light rust Dense rus	Gunitelined "Not A	pplicable"							
I4.	For External Floating Roof tanks: "Not App	olicable"								
	A. Tank construction (check one):	Welded tank	Riveted tank							
	B. Rim Seal system description (check one): Shoe Mounted Primary Shoe Primary, Rim Secondary Liquid Primary w/Weather Shield	Vapor Mounted Primary Liquid Mounted Primary Vapor Primary, Rim Secondary Liquid Primary, Rim Secondary Shoe Primary and Secondary Vapor Primary w/Weather Shiel								
	C. Rooftype(check one)::	Pontoon roofDou	ble Deck roof							
	D. Roof fitting types (indicate the number of each ty	rpe):								
	Access Hatch (24" Diameter well) Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed	Unslotted Guide-Pole Well (8" Diameter Unslotted Pole, 21" Dia. Well)Ungasketed sliding coverGask etcd sliding cover	Gauge-Float Well (20" Diameter) Unbolted cover, ungasketedUnbolted cover, gasketedBolted cover, gasketed							
	Gauge-Hatch/Sample Well (8" Dia.)Weighted Mechanical Actuation GasketedWeighted Mechanical Actuation Ungasketed	Vacuum Breaker (10" Dia. Well) — Weighted Mechanical Actuation Gasketed — Weighted Mechanical Actuation Ungasketed	Roof DrainOpen90% Closed							
))	Slotted Guide-Pole/Sample Well (8" Slotted Pole, 21" Dia. Well) — Ungasketed Sliding Cover, with Float — Gasketed Sliding Cover, with Float									

CN- 1403

15. F	or Internal Flo	oatingR	ooftanks: 117	Not Applicable	o 11				
)) A	A. Rim Seal sy	stem de		oc appricabi	C				
-	Liquid N Vapor M	Aounted Iounted	l Primary Primary	LicVa	quid Mounted Primary plo por Mounted Primary plo	us Secondary Seal is Secondary Seal			
В	3. Number of	Column	15:		D. Deck Type (che	eck one):	Welded	Bolted	
0	C. Effective C	Columna	liameter.	(Feet)	E. Total Deck Sea	m length:	(Feet)		
F	Deck Area:			(Square Fee	t)				
G	G. Deck Fittin	ig types	(indicate the number of	feach type):					
	Unb	ed cover olted co	Dia.) r, gasketed ver, gasketed ver, ungasketed	Bolted cover, ga	Automatic Gauge Float Well Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed Unbolted cover, ungasketed Pipe Column-Sliding cover, ungasketed Pipe Column-Sliding cover, gasketed Pipe Column-Sliding cover, gasketed Pipe Column-Sliding cover, ungasketed				
	Ladder well Sliding cover, gasketed Sliding cover, ungasketed								
	Vacuum Breaker Weighted Mechanical Actuation, gasketed								
			echanical Actuation, i	ıngasketed					
16. 1	For variable va	apor spa							
	Volume expansion capacityN/A(Gallons)								
15000	SHAP OF A SECOND			E A BTEZA CHARTENINA TOPOLA A N	THE CONTRACTOR ASSESSMENT OF THE PARTY OF TH	C CYPRESION AND A			
17. (Complete the 1	flowing	enchantering and considerable temperature (\$55.50)	FANK CONTENTS AN be stored in this tank:	D OPERATION DE	SCRIPTION			
Mater		Nt.	enchantering and considerable temperature (\$55.50)	A THE RESIDENCE OF THE PARTY OF	Component Molecular weights (Lb./Lb, Mole)	Component Vapor Pressures (PSIA)	Material storage pressure(PSIA)	Material average storage temp. (Deg. F)	
Mater	rial or onent stored	Wt.	table for materials to l Material Annual Throughput	e stored in this tank: Material stored Daily	Component Molecular weights	Component Vapor		storage temp.	
Mater compe	rial or onent stored	Wt.	Material Annual Throughput (Gal./Yr.)	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb, Mole)	Component Vapor Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F)	
Mater compe	rial or onent stored	Wt.	Material Annual Throughput (Gal./Yr.)	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb, Mole)	Component Vapor Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F)	
Mater compe	onent stored	Wt. %	Material Annual Throughput (Gal./Yr.)	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb, Mole)	Component Vapor Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F)	
Mater compe	onent stored	Wt. %	Material Annual Throughput (Gal./Yr.) 24,000	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb, Mole)	Component Vapor Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F)	
Mater compo	onent stored Oil Multipurpose t	Wt. %	Material Annual Throughput (Gal./Yr.) 24,000	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) 546.79	Component Vapor Pressures (PSLA)	pressure(PSIA)	storage temp. (Deg. F)	
Mater composition of the composi	Oil Multipurpose t	Wt. %	Material Annual Throughput (Gal./Yr.) 24,000	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) 546.79 Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA)	storage temp. (Deg. F)	
Mater composition of the composi	Oil Multipurpose t	Wt. % 100 ank with	Material Annual Throughput (Gal./Yr.) 24,000 h variable composition this tank will serve:	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) 546.79 Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA)	storage temp. (Deg. F)	
Mater composition of the composi	Oil Multipurpose t Describe the op	Wt. % 100 ank with	Material Annual Throughput (Gal./Yr.) 24,000 h variable composition this tank will serve:	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) 546.79 Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA)	storage temp. (Deg. F)	
Mater composition of the composi	Oil Multipurpose t Describe the op	Wt. % 100 ank with	Material Annual Throughput (Gal./Yr.) 24,000 h variable composition this tank will serve:	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) 546.79 Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA)	storage temp. (Deg. F)	
Mater composition of the composi	Oil Multipurpose t Describe the op	Wt. % 100 ank with	Material Annual Throughput (Gal./Yr.) 24,000 h variable composition this tank will serve:	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) 546.79 Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA)	storage temp. (Deg. F)	
Mater composition of the composi	Oil Multipurpose t Describe the op	Wt. % 100 ank with	Material Annual Throughput (Gal./Yr.) 24,000 h variable composition this tank will serve:	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) 546.79 Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA)	storage temp. (Deg. F)	
Mater composition of the composi	Oil Multipurpose t Describe the op	Wt. % 100 ank with	Material Annual Throughput (Gal./Yr.) 24,000 h variable composition this tank will serve:	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) 546.79 Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA)	storage temp. (Deg. F)	
Mater composition of the composi	Oil Multipurpose t Describe the op	Wt. % 100 ank with	Material Annual Throughput (Gal./Yr.) 24,000 h variable composition this tank will serve:	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) 546.79 Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA) Atmospheric	storage temp. (Deg. F)	



	GENERAL IDENTIFICATION AND DESCRIPTION									
1	Fa	cility name: Holliston Holdings, LLC								
2.	Pro	ocessemission source (identify): Vent T2								
300			STORAGE TAN	K DESCRIPTION						
3.	Sto	rage tank identification: Tank T2		In the state of th		MATCH A SHIRING STORY OF				
4.	_	cation of the storage tank or tank farm in UTN		// Vertical: 82 45 00	JTM Horizon	tal: 36 30 00				
5.		rage tank capacity: 6. Year of	installation: 1961	7. Tank height	(Feet)	8. Tank diamete	er:			
9.	Со	or of tank: White	Other Specify Silver	Fan						
10.	Ist	his tank equipped with a submerged fill pipe?								
11.	Ту	pe of storage tank:	1000							
	_		xed roof Fix sternal floating roof	ked roof w/internal floating ro Variable vap		C	Other (specify)			
12.	Pressurized tankExternal floating roofVariable vapor space									
1			FLOATING ROOF 1	CANK DESCRIPTION						
13.	For	Floating Rook tanks (both internal and extern Light rust Dens	nal) - shell condition (check se rust		Applic	able"				
14.	For		Applicable"							
	A.	Tank construction (check one):		led tank	Riveted	ltank	145			
	B.	Rim Seal system description (check one):Shoe Mounted PrimaryShoe Primary, Rim SecondaryLiquid Primary w/Weather Shield	Vapor Prin	Vapor Mounted Primary Liquid Mounted Primary Vapor Primary, Rim Secondary Liquid Primary, Rim Secondar Shoe Primary and Secondary Vapor Primary w/Weather Shie						
	C.	Roof type (check one): :	Pontoon roof	£	Double Deck i	roof				
	D.	Roof fitting types (indicate the number of ea	achtype):							
		Access Hatch (24" Diameter well) Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed	Unslotted Guide-Pole (8" Diameter Unslott Ungasketed slid Gasketed slidin	ed Pole, 2 t " Dia. Well) ling cover	Gau <u>i</u>	ge-Float Well (20"D: _Unbolted cover, un _Unbolted cover, gas _Bolted cover, gaske	gasketed sketed			
		Gauge-Hatch/Sample Well (8" Dia.)Weighted Mechanical Actuation GasketedWeighted Mechanical Actuation Ungasketed	Weighted Mecl Actuation Gasl Weighted Mec	Vacuum Breaker (10" Dia. Well) Weighted Mechanical Actuation GasketedWeighted Mechanical Actuation Ungasketed						
)	Slotted Guide-Pole/Sample Well Roof Leg (3" Dia.) Roof Leg (2 ½" Dia.) (8" Slotted Pole, 2 1" Dia. Well) Adjustable, Pontoon area Ungasketed Sliding Cover, without Float Adjustable, Center area Ungasketed Sliding Cover, without Float Adjustable, Double-Deck roofs Gasketed Sliding Cover, without Float Gasketed Sliding Cover, with Float Gasketed Sliding Cover, with Float Fixed Roof Leg (2 ½" Dia.) Adjustable, Pontoon area Adjustable, Center area Adjustable, Center area Adjustable, Double-Deck roofs Fixed Fixed									

1,00		Roof tanks: "No	ot Applicable	<u> </u>				
A. Rim Sea	l system d		ot Applicable	=				
Liqu Vapo	d Mounted r Mounted	d Primary I Primary	Liq	juid Mounted Primary pl por Mounted Primary plu	us Secondary Scal as Secondary Scal			
B. Number	of Colum	ns:		D. Deck Type (ch	eck one):	Welded	Bolted	
C. Effective	e Column	diameter.	(Feet)	E. Total Deck Sea	ım length:	(Feet)		
F. Deck As	ea:		(Square Feet	l)				
G. Deck Fi	tingtypes	(indicate the number of	· ·	-,				
[Inbolted co Inbolted co	Dia.) r, gasketed ver, gasketed over, ungasketed	Bolted cover, ga Unbolted cover, Unbolted cover,	Automatic Gauge Float Well Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, un gasketed Unbolted cover, un gasketed Pipe Column-Sliding cover, gasketed Pipe Column-Sliding cover, un gasketed Pipe Column-Sliding cover, gasketed Pipe Column-Sliding cover, un gasketed				
	liding cove	er, gasketed er, ungasketed	Slotted Pipe Sample We	/ell -Sliding cover, gasketed -Sliding cover, ungasket Il-Slit fabric seal, 10% o 1 inch diameter	ed	Roof Leg or HaAdjust alFixed	nger Well ble	
Vacuum	Breaker							
V	/eighted M /eighted M	lechanical Actuation, ga lechanical Actuation, un	sketed gasketed					
16 For variabl	vapor spa	ace tanks:						
13		V	olume expansion capacity	, N/A	(Gallons)		rn	
A STATE OF THE PARTY OF THE PAR		The second secon	THE RESERVE OF THE PARTY OF THE		the state of the s		Charles and Children Co. Co. Co. Co. Co.	
		A STATE OF THE PARTY OF THE PAR	Marine Street, and the second street, and the	D OPERATION DE	SCRIPTION			
17. Completes	ne flowing	table for materials to be	AND THE RESIDENCE OF THE RESIDENCE OF THE PARTY OF THE PA	D OPERATION DE	SCRIPTION			
17. Completed Material or component store	Wt.	A STATE OF THE PARTY OF THE PAR	AND THE RESIDENCE OF THE RESIDENCE OF THE PARTY OF THE PA	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	Material storage pressure(PSIA)	Material average storage temp. (Deg. F)	
Material or	Wt.	table for materials to be Material Annual Throughput	stored in this tank: Material stored Daily	Component Molecular weights	Component Vapor		storage temp.	
Material or component store	Wt.	table for materials to be Material Annual Throughput (Gal./Yr.)	stored in this tank: Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F)	
Material or component store	Wt.	table for materials to be Material Annual Throughput (Gal./Yr.)	stored in this tank: Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F)	
Material or component store	100	table for materials to be Material Annual Throughput (Gal./Yr.) 31,000	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F)	
Material or component store	100	table for materials to be Material Annual Throughput (Gal./Yr.)	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F)	
Material or component store Soya-Bean Oil Multipurpo	Wt. %	table for materials to be Material Annual Throughput (Gal./Yr.) 31,000 hvariable composition:	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F)	
Material or component store Soya-Bean Oil Multipurpo	Wt. %	table for materials to be Material Annual Throughput (Gal./Yr.) 31,000	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) N/A	Component Vapor Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F)	
Material or component store Soya-Bean Oil Multipurpo	Wt. % 100 see tank with	table for materials to be Material Annual Throughput (Gal./Yr.) 31,000 h variable composition:	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) N/A Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA)	storage temp. (Deg. F)	
Material or component store Soya-Bean Oil Multipurpo	100 100 se tank wit coperation Oil is stor	Material Annual Throughput (Gal./Yr.) 31,000 h variable composition: this tank will serve: red in this vessel So	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) N/A Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA)	storage temp. (Deg. F)	
Material or component store Soya-Bean Oil Multipurpo 18. Describe the Soya-Bean	100 100 se tank wit coperation Oil is stor	Material Annual Throughput (Gal./Yr.) 31,000 h variable composition: this tank will serve: red in this vessel So	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) N/A Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA)	storage temp. (Deg. F)	
Material or component store Soya-Bean Oil Multipurpo 18. Describe the	100 100 se tank wit coperation Oil is stor	Material Annual Throughput (Gal./Yr.) 31,000 h variable composition: this tank will serve: red in this vessel So	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) N/A Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA)	storage temp. (Deg. F)	
Material or component store Soya-Bean Oil Multipurpo 18. Describe the	100 100 se tank wit coperation Oil is stor	Material Annual Throughput (Gal./Yr.) 31,000 h variable composition: this tank will serve: red in this vessel So	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) N/A Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA)	storage temp. (Deg. F)	
Material or component store Soya-Bean Oil Multipurpo 18. Describe the	100 100 se tank wit coperation Oil is store in use at	Material Annual Throughput (Gal./Yr.) 31,000 h variable composition: this tank will serve: red in this vessel So	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) N/A Yes	Component Vapor Pressures (PSIA) <0.1 X No	pressure(PSIA) Atmospheric	storage temp. (Deg. F)	



	GENERAL IDENTIFICATION AND DESCRIPTION									
1.	Fac	Holliston Holdings, LLC								
2.	Pro	ocessemission source (identify): Vent	T31							
200	7		STORAG	E TANK DE	SCRIPTION					
3.	Sto	rage tank identification: Tank T31								
4.		cation of the storage tank or tank farm in			ical: 82 45 00	UTM Horize	ontal: 36 30 00			
5.		rage tank capacity: 6. Y ,000 (Gallons)	ear of installation: 1974	7.	Tank height 10.5	(Feet)	8. Tank d 7.00	iameter:		
9.	Col	or of tank: White X	Other Specify	Silver			1.00			
10.	Is t	his tank equipped with a submerged fill		Yes	X No					
11.	Ту	pe of storage tank:		21 - 322 - 3						
	_	Open toptank X Pressurized tank	Fixed roof External floating roof	Fixed ro	of w/internal floatin Variable	ng roof e vaporspace	4	Other (specify)		
12.		fixed roof tanks: Tank configuration (check one):: Tank roof type: (check one) Indicate shell radius	f - indicate tank roof heig	/linder) X t N/A (ft ht N/A (f	Horizontal) it)					
400	200		·	OOF TANK	DESCRIPTION	N	NAME OF			
Ι3.	For	Floating Rook tanks (both internal and Light rust	external) – shell condition Dense rust	n (check one): Gun it	elined "NC	t Appli	cable"			
14.	For		t Applicabl							
	A.	Tank construction (check one):		Weldedtar	ık _	Rivet	ed tank			
	B.	Rim Seal system description (check oShoe Mounted PrimaryShoe Primary, Rim SecondaryLiquid Primary w/Weather Shie	Va	Vapor Mounted Primary Liquid Mounted Primary Vapor Primary, Rim Secondary Liquid Primary, Rim Secondary Shoe Primary and Secondary Vapor Primary w/Weather Shield				im Secondary		
	C.	Roof type (check one)::	Pontoor	roof		Double Decl	k roof			
	D.	Roof fitting types (indicate the number	er of each type):							
		Access Hatch (24" Diameter well) Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed	(8" Diameter Ungas	ide-Pole Well Unslotted Pol keted sliding covered sliding cover	e,21" Dia. Well) over	Ga	uge-Float Well (Unbolted cov Unbolted cov Bolted cover	ver, ungasketed ver, gasketed		
		Gauge-Hatch/Sample Well (8" Dia)Weighted Mechanical Actuation GasketedWeighted Mechanical Actuation Ungasketed	Weigh Actual Weigh	iker (10" Dia ted Mechanica tion Gasketed ited Mechanica tion Ungaskete	i	- Ro	oof Drain Open 90% Closed			
)		Slotted Guide-Pole/Sample Well (8" Slotted Pole, 21" Dia. Well) Ungasketed Sliding Cover, with Ungasketed Sliding Cover, with Gasketed Sliding Cover, with F	Float t Float	Adjus	3" Dia.) Lable, Pontoon area Lable, Center area Lable, Double-Deck	ā	Adjustable	Dia.) e, Pontoon area e, Center arca e, Double-Deck roofs		

15. For Internal F	oating R	oof tanks:	+ 3	- H 4			
A. Rim Seal s		IAC	ot Applicable	2"			
Liquid Vapor I	Mounted Mounted	l Primary Primary	Liq	uid Mounted Primary pl por Mounted Primary pl	lus Secondary Seal us Secondary Seal		
B. Number of	Columi	15:		D. Deck Type (ch	neck one):	Welded	Bolted
C. Effective	Column	diameter.	(Feet)	E. Total Deck Sea	am length:	(Feet)	
F. Deck Area	ı:		(Square Feet	1)			
G. Deck Fitti	ng types	(indicate the number of		-,			
G. Deck Fitting types (indicate the number of Access Hatch (24" Dia.) Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed			Unbolted cover, gasketed Built-up Colum Unbolted cover, ungasketed Pipe Column-F Pipe Column-S			nn-Sliding cover, gasketed nn-Sliding cover, ungasketed Flexible fabric sleeve seal Sliding cover, gasketed Sliding cover, ungasketed	
Ladder wel		er, gasketed er, ungasketed	Slotted Pipe Sample Wel	Vell -Sliding cover, gasketed -Sliding cover, ungaske Il-Slit fabric seal, 10% o 1 inch diameter	ted	Roof Leg or Ha Adjust al Fixed	
	ighted M	echanical Actuation, gas echanical Actuation, ung					
16. For variable v			subtraction in the second seco			- 3	
10. Poi variable v	apor spa			, N/A			
) Verilland of the leading	410000		olume expansion capacity NK CONTENTS AN		(Gallons)	#17 (Extra # 100 S II)	NITS VIEW BOOK OF THE PROPERTY
17. Complete the	flowing	table for materials to be:		D OTERATION DE	SCRIFTION		
Material or component stored	W1.	Material Annual Throughput (Gal./Yr.)	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	Material storage pressure(PSIA)	Material average storage temp. (Deg. F)
Toluene	99	8,860	3,000	92.14	0.43	Atmospheric	Ambient
Water	1	90	3	18	0.33	Atmospheric	Ambient #
Multinumage	tank wit	h variable composition :					
ividitipai pose	tank wit.	n variable composition;			V		
18. Describe the o	peration	this tank will serve:		Yes	X No		
Toluene is us	ed as a	dilutor. If the Nitrocell	ulose Jelly is too thick to	o use, toluene is adde	ed to reduce the visco	sity of the mixture.	
					Z		
19. Page number:			Revision Number:		Date of Revis		
./ '	APC 6.3		1		November 2	3, 2021	



			RAL IDENTIFICAT	TON AND DESCRIPT	TION				
1.	Fac	ility name: Holliston Holdings, LLC							
2.	Pro	cess e mission source (identify): Vent T32		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1 1000				
	ale V		STORAGE TAN	K DESCRIPTION			WAR ARE SOLD		
3.	Sto	rage tank identification:							
4.	Loc	cation of the storage tank or tank farm in UTM co		M Vertical: 82 45 00	UTM Horizo	ontal: 36 30 00			
5.	10,000 (Gallons) 1974 10.5 (Feet) 7.00 (Feet)								
9.	Col	or of tank: White X Ot	her Specify Silver						
		nis tank equipped with a submerged fill pipe?	Yes	The second secon					
11.	Туј	oe ofstorage tank:	55 V 544 V						
		Open top tank X Fixed Pressurized tank Extern	roof Figure Figu	xed roof w/internal floating Variable v	roof aporspace		Other (specify)		
12.									
				ANK DESCRIPTION					
13.	For	Floating Rook tanks (both internal and external) Light rust Dense ru	- shell condition (check st	one): Gunitelined "Not	: Appli	cable"	-		
14.	For	External Floating Roof tanks: "Not Ap	nlicable!						
	A.	Tank construction (check one):		led tank	Rivete	ed tank			
	B.	Rim Seal system description (check one): Shoe Mounted Primary Shoe Primary, Rim Secondary Liquid Primary w/Weather Shield	Vapor Mounted Primary Vapor Primary, Rim Secondary Shoe Primary and Secondary			Liquid Mounted Primary Liquid Primary, Rim Secondary Vapor Primary w/Weather Shield			
	C.	Rooftype(check one): :	Pontoon roof		_ Double Deck	e Deck roof			
	D.	Roof fitting types (indicate the number of each t	ype):						
		Access Hatch (24" Diameter well) Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed	Unslotted Guide-Pole (8" Diameter Unslotte Ungasketed slice Gask eted slidin	ed Pole, 21" Dia. Well) ling cover		uge-Float Well (20 Unbolted cover Unbolted cover Bolted cover, g	r, un gasketed r, gasketed		
		Gauge-Hatch/Sample Well (8" Dia.)Weighted Mechanical Actuation GasketedWeighted Mechanical Actuation Ungasketed	Weighted Mecl Actuation Gasl Weighted Mec	Vacuum Breaker (10" Dia Well)Weighted Mechanical Actuation GasketedWeighted Mechanical Actuation Ungasketed					
)		Slotted Guide-Pole/Sample Well (8" Slotted Pole, 21" Dia. Well) Ungasketed Sliding Cover, without FloatGasketed Sliding Cover, without FloatGasketed Sliding Cover, with Float		Roof Leg (3" Dia.) Adjustable, Pontoon area Adjustable, Center area Adjustable, Double-Deck roofs Fixed			ia.) Pontoon area Center area Double-Deck roofs		

15. For Intern	al Floating R	ooftanks:	+ Applianble	- U						
1	eal system d	IAC	t Applicable	<u> </u>						
	quid Mounted por Mounted			uid Mounted Primary pl oor Mounted Primary plu						
B. Numb	er of Columi	ns:		D. Deck Type (check one): Welded						
C. Effect	ive Column	diameter.	(Feet)	(Feet) E. Total Deck Seam length:						
F. Deck	Агеа:		(Square Feet	(Square Feet)						
G. Deck I	Fitting types	(indicate the number of	each type):							
	Unbolted co		Bolted cover, ga Unbolted cover, Unbolted cover,	Automatic Gauge Float Well Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, un gasketed Unbolted cover, un gasketed Pipe Column-Sliding cover, gasketed Pipe Column-Flexible fabric sleeve seal Pipe Column-Sliding cover, gasketed Pipe Column-Sliding cover, ungasketed						
	Slidingcove	er, gasketed er, ungasketed	Slotted Pipe Sample We	/eff -Sliding cover, gasketed -Sliding cover, ungasket Il-Slit fabric seal, 10% of 1 inch diameter	ed	Roof Leg or Ha Adjustal Fixed				
Vacuur	n Breaker									
	Weighted M Weighted M	echanical Actuation, gas echanical Actuation, un	sketed gasketed							
16. For varial	ble vapor spa	nce tanks:								
		Ve	olume expansion capacity	, N/A	(Gallons)					
		econtributed and a residence of the field of	NK CONTENTS AN	D OPERATION DE	SCRIPTION					
17. Complete	the flowing	table for materials to be	stored in this tank:							
Material or component stor	red Wt.	Material Annual Throughput (Gal./Yr.)	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	Material storage pressure(PSIA)	Material average storage temp. (Deg. F)			
Isopropanol	20	20,000	600	60.11	0.591	Atmospheric	Ambient			
Toluene	60	60,000	1,800	92.14	0.684	Atmospheric	Ambient #			
Acetone	16	16,000	480	58.9	3.340	Atmospheric	Ambient			
Isopropyl Aceta		4,000	120	102.14	0.856	Atmospheric	Ambient			
Muntipurp	ose tank wit	h variable composition:		1782	X No.					
18. Describe t	he operation	this tank will serve:		Yes	No					
HM Blenc	d is a formul		. These solvents are blating (Jelly).	ended together prior to	shipment and delive	ery at Holliston. The	HM Blend is used			
		500								
19. Page numl	ber: APC 6.4	ŀ	Revision Number:	7	Date of Revis November 2					
	7.1 0 0.4		-2 11 119/53 15/6-		14040111001 2					



		AL IDENTIFICAT	ION AND DESCRE	PTION		
I.	Facility name: Holliston Holdings, LLC					
2	Process emission source (identify): Vent T33					
DES.		STORAGE TAN	K DESCRIPTION	Land Harris	STATE STATES	
3.	Storage tank identification: Tank T33	The state of the s	of a street and the street			
4.	Location of the storage tank or tank farm in UTM coo	rdinates: UT	M Vertical: 82 45 00	UTM Horizon	ntal 36 30 00	
5.	Storage tank capacity: 6. Year of insta		7. Tank height	(Feet)	8. Tank diameter:	(Feet)
9.	Color of tank: White X Oth	er Specify Silver			4	_
10.	Is this tank equipped with a submerged fill pipe?	Yes	X No			
11.	Type of storage tank:					
	Open top tank X Fixed ro	oof Fi I floating roof	xed roof Winternal floatii Variable		Oth	er (specify)
12.	For fixed roof tanks: A. Tank configuration (check one):: Vert B. Tank roof type: N/A Cone roof - indicate t	tank roof height N//	X Horizontal (ft)			
100			FANK DESCRIPTIO	N G		
13.	For Floating Rook tanks (both internal and external)-	shell condition (check	one):		1.7	100 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Light rustDense rus		Gunitelined "NC	t Applio	cable"	
14.	For External Floating Roof tanks: "Not App	licable"				
	A. Tank construction (check one):	Weld	dedtank	Rivete	d tank	
	B. Rim Seal system description (check one): Shoe Mounted Primary Shoe Primary, Rim Secondary Liquid Primary w/Weather Shield	Vapor Prim	unted Primary nary, Rim Secondary ary and Secondary	Li	quid Mounted Primary quid Primary, Rim Secor por Primary w/Weather	
	C. Roof type (check one)::	Pontoon roof		Double Deck	roof	
	D. Roof fitting types (indicate the number of each ty	pe):				
	Access Hatch (24" Diameter well) Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed	Unslotted Guide-Pol (8" Diameter Unslott Ungasketed sli Gasketed slidir	ed Pole, 21" Dia. Well) ding cover	Gau	ge-Float Well (20" Diar Unbolted cover, unga Unbolted cover, gaske Bolted cover, gaskete	sketed eted
	Gauge-Hatch/Sample Well (8" Dia.) Weighted Mechanical Actuation Gasketed Weighted Mechanical Actuation Ungasketed	Vacuum Breaker (10Weighted Mec Actuation GasWeighted Mec Actuation Uni	hanical keted hanical	Roc	of Drain Open 90% Closed	
)	Slotted Guide-Pole/Sample Well (8" Slotted Pole, 21" Dia. Well) Ungasketed Sliding Cover, without Float Ungasketed Sliding Cover, with Float Gasketed Sliding Cover, with Float Gasketed Sliding Cover, with Float		Leg (3" Dia.) Adjust able, Pontoon area Adjust able, Center area Adjust able, Double-Ded Fixed	1	Roof Leg (2 ½° Dia.) Adjustable, Pontoc Adjustable, Center Adjustable, Double Fixed	area

15. For Internal F	oating R	oof tanks:					
A. Rim Seal s		"NO	t Applicable	9"			
		Primary Primary		uid Mounted Primary pl por Mounted Primary pl			
B. Number of	Column	s:		D. Deck Type (cł	eckone):	Welded	Bolted
C. Effective	Columno	lameter.	(Feet)	E. Total Deck Sea	am length:	(Feet)	
F. Deck Area	:		(Square Feet	:)			
G. Deck Fitti	ig types i	(indicate the number of e	ach type):				
Unl	ted cover olted co	Dia) , gasketed ver, gasketed ver, ungasketed	Automatic Gauge Float Well Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed Unbolted cover, ungasketed Pipe Column-Sliding cover, ungasketed Pipe Column-Sliding cover, ungasketed Pipe Column-Sliding cover, ungasketed Pipe Column-Sliding cover, ungasketed			reted I	
Ladder wel	ing cove	r, gasketed r, ungasketed	Slotted Pipe	-Sliding cover, gasketed -Sliding cover, ungasket Il-Slit fabric seal, 10% o	ted	Roof Leg or Ha Adjust al Fixed	
Vacuum Br	eaker						
Wei	ghted Mo ghted Mo	echanical Actuation, gask echanical Actuation, ung	keted asketed				
16. For variable v	арог ѕра	ce tanks:					
	7 June 23 Cu	Vo	lume expansion capacity	N/A	(Gallons)		
			NK:CONTENTS AN	D OPERATION DE	SCRIPTION		
17. Complete the	flowing	able for materials to be s	tored in this tank:				
Material or component stored	Wt. %	Material Annual Throughput ,(Gal./Yr.)	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	Material storage pressure(PSIA)	Material average storage temp. (Deg. F)
Ethyl Acetate	80.3	20,000	1,200	60.11	3.27	Atmospheric	Ambient
Acetone	17	4,234	250	58.9	3.34	Atmospheric	Ambient +
Water	2.7	672	40	18	0.33	Atmospheric	Ambient
Multinumose	tank mist	variable composition:		<u></u>	<u> </u>		
With that bose	IAIIK WILI	vanable composition.			~		
18. Describe the o	peration	this tank will serve:		Yes	X No		
1	was pui	chased for trial use as	possible replacement	for HM Solvent Blend	as a cleaning solvent	for color tub washir	ng.
Ethyl Acetate	-						
Ethyl Acetate	-						
Ethyl Acetate							
Ethyl Acetate							
Ethyl Acetate							
Ethyl Acetate							
Ethyl Acetate							
Ethyl Acetate			Revision Number:		Date of Revis	ion:	ic .



100			RAL IDENTIFICAT	TION AND DESCRIPT	HON		
1.	Fa	cility name: Holliston Holdings, LLC		The second secon		T 40-1-17-11-11-11-11-11-11-11-11-11-11-11-1	
2.	Pr	ocessemission source (identify): Vent T34					
3 1199	050	voir (o,	STODAGE TAN	K DESCRIPTION			
3.	Sto	rage tank identification:	STURAGE TAN	A.DESCRIPTION			
4.		Tank T34 cation of the storage tank or tank farm in UTM cod	rdinatas: LEC	M Vertical: 82 45 00	LITMILL		
	33				_ OTM Honzo	ontal: 36 30 00	
5.		rage tank capacity: 6. Year of inst	allation: 1974	7. Tank height 10.5	(Feet)	8. Tank diame 7.00	ter:
9.	Co	or of tank: White X Ot	her Specify Silver	10.00		1.00	
10.	Ist	his tank equipped with a submerged fill pipe?	Yes				
11.	Ту	pe of storage tank:					
	_	Open top tank X Fixed r Pressurized tank Extern	oofFi	xed roof w/internal floating Variable v			Other (specify)
12.	For A. B.	fixed roof tanks: Tank configuration (check one):: Ver Tank roof type: N/A Cone roof - indicate (check one) Dome roof - indicate Indicate shell radius 3.50(tical (upright cylinder) tank roof height N/A etank roof height N/A		ap vi opaso		
100				FANK DESCRIPTION			
13.	For	Floating Rook tanks (both internal and external)	shell condition (check	one).			
1.1	_			Gunitelined "NOT	Appli	cable"	
14.	For		plicable"				
	Α.	Tank construction (check one):	Wel-	ded tank	Rivet	ed tank	
	В.	Rim Seal system description (check one): Shoe Mounted Primary Shoe Primary, Rim Secondary Liquid Primary w/Weather Shield	Vapor Pri	unted Primary mary, Rim Secondary ary and Secondary	L	iquid Mounted Primar iquid Primary, Rim Se apor Primary w/Weatl	condary
	C.	Roof type (check one): :	Pontoon roof		_ Double Deck	roof	
	D.	Roof fitting types (indicate the number of each t	ype):				
		Access Hatch (24" Diameter well) Bolted cover, gasketed Unbolted cover, ungasketed	Unslotted Guide-Pol (8" Diameter Unslott Ungasketed sli Gasketed slidir	ed Pole, 21" Dia. Well) ding cover		uge-Float Well (20"E Unbolted cover, ur Unbolted cover, ga Bolted cover, gask	ngasketed nsketed
		Gauge-Hat ch/Sample Well (8" Dia.) Weighted Mechanical Actuation Gasketed Weighted Mechanical Actuation Ungasketed	Vacuum Breaker (10Weighted Med Actuation GasWeighted Med Actuation Un	hanical keted :hanical	Ro 	of Drain Open 90% Closed	
)		Slotted Guide-Pole/Sample Well (8" Slotted Pole, 21" Dia. Well) Ungasketed Sliding Cover, without Float Ungasketed Sliding Cover, with Float Gask cted Sliding Cover, without Float Gasketed Sliding Cover, with Float		f Leg (3" Dia.) Adjustable, Pontoon area Adjustable, Center area Adjustable, Double-Deck r Fixed		Roof Leg (2 ½" Dia.) Adjustable, Por Adjustable, Cer Adjustable, Dou Fixed	ntoon area

I S P. T. T. I P.		C. 1					27 1002 0000 0
15. For Internal FI A. Rim Seal s	_	NO	t Applicable	e ⁿ			
Liquid N	Mounted Mounted	Primary Primary	Liq Vaj	uid Mounted Primary pl por Mounted Primary plu	us Secondary Seal is Secondary Seal		
B. Number of	Column	is:		D Deck Type (ch	eck one):	Welded	Bolted
C. Effective (Columna	liameter.	(Feet)	E. Total Deck Sea	m length:	(Feet)	
F. Deck Area			(Square Feet		_	• •	
G. Deck Fittin	ig (ypes	(indicate the number of e	•	•			
Boli	Access Hatch (24" Dia.) Bolted cover, gasketed Unbolted cover, ungasketed Ladder well			sketed gasketed ungasketed	Column Well Built-up Column-Sliding cover, gasketed Built-up Column-Sliding cover, ungasketed Pipe Column-Flexible fabric sleeveseal Pipe Column-Sliding cover, gasketed Pipe Column-Sliding cover, ungasketed		
Slid	ing cove	r, gasketed r, ungasketed	Slotted Pipe	-Sliding cover, gasketed -Sliding cover, ungasket Il-Slit fabric seal, 10% or	ed	Roof Leg or Ha	
Vacuum Br	eaker						
		echanical Actuation, gas echanical Actuation, ung					
16. For variable v	apor spa	ce tanks:					
1		Vo	lume expansion capacity	N/A	(Gallons)		
Processes and the second			The state of the s		(Outroile)		
		TA	NK CONTENTS AN	THE RESERVE OF THE PARTY OF THE			
17. Complete the	flowing	And the second second	NK CONTENTS AN	THE RESERVE OF THE PARTY OF THE			
17. Complete the Material or component stored	flowing Wt.	TA	NK CONTENTS AN	THE RESERVE OF THE PARTY OF THE		Material storage pressure(PSIA)	Material average storage temp. (Deg. F)
Material or	Wt.	TA table for materials to be s Material Annual Throughput	NK CONTENTS AN stored in this tank: Material stored Daily	Component Molecular weights	Component Vapor		storage temp.
Material or component stored	Wt.	table for materials to be s Material Annual Throughput (Gal./Yr.)	NK CONTENTS AN stored in this tank: Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F)
Material or component stored	Wt. %	TA table for materials to be s Material Annual Throughput (Gal./Yr.) 20,000	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA) 0.591	pressure(PSIA)	storage temp. (Deg. F) Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate	Wt. % 20 60 16	TA table for materials to be s Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000 4,000	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole) 60.11 92.14	Component Vapor Pressures (PSIA) 0.591 0.684	Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate	Wt. % 20 60 16	TA table for materials to be s Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000	Material stored Daily Average (Gallons) 600 1,800 480	Component Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9	Component Vapor Pressures (PSIA) 0.591 0.684 3.340 0.856	Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate Multipurpose	Wt. % 20 60 16 4 tank with	TA table for materials to be s Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000 4,000	Material stored Daily Average (Gallons) 600 1,800 480	Component Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9	Component Vapor Pressures (PSIA) 0.591 0.684 3.340	Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate Multipurpose	Wt. % 20 60 16 4 tank with	TA table for materials to be s Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000 4,000 avariable composition: this tank will serve:	Material stored Daily Average (Gallons) 600 1,800 480 120	Component Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9 102.14 Yes	Component Vapor Pressures (PSIA) 0.591 0.684 3.340 0.856 X No	Atmospheric Atmospheric Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate Multipurpose 18. Describe the o	Wt. % 20 60 16 4 lank with	TA table for materials to be s Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000 4,000 avariable composition: this tank will serve:	Material stored Daily Average (Gallons) 600 1,800 480 120 These solvents are ble	Component Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9 102.14 Yes	Component Vapor Pressures (PSIA) 0.591 0.684 3.340 0.856 X No	Atmospheric Atmospheric Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate Multipurpose 18. Describe the o	Wt. % 20 60 16 4 lank with	Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000 4,000 avariable composition: this tank will serve:	Material stored Daily Average (Gallons) 600 1,800 480 120 These solvents are ble	Component Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9 102.14 Yes	Component Vapor Pressures (PSIA) 0.591 0.684 3.340 0.856 X No	Atmospheric Atmospheric Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate Multipurpose 18. Describe the o HM Blend is a to cut Nitrocellulose	Wt. % 20 60 16 4 lank with	Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000 4,000 avariable composition: this tank will serve:	Material stored Daily Average (Gallons) 600 1,800 480 120 These solvents are bleating (Jelly).	Component Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9 102.14 Yes	Component Vapor Pressures (PSIA) 0.591 0.684 3.340 0.856 X No	Atmospheric Atmospheric Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate Multipurpose 18. Describe the o HM Blend is a to cut Nitrocellulose	Wt. % 20 60 16 4 lank with	Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000 4,000 avariable composition: this tank will serve: ated blend of solvents, into a usable resin coal	Material stored Daily Average (Gallons) 600 1,800 480 120 These solvents are bleating (Jelly).	Component Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9 102.14 Yes	Component Vapor Pressures (PSIA) 0.591 0.684 3.340 0.856 X No	Atmospheric Atmospheric Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate Multipurpose 18. Describe the o HM Blend is a to cut Nitrocellulose	Wt. % 20 60 16 4 lank with	Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000 4,000 avariable composition: this tank will serve: ated blend of solvents, into a usable resin coal	Material stored Daily Average (Gallons) 600 1,800 480 120 These solvents are bleating (Jelly).	Component Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9 102.14 Yes	Component Vapor Pressures (PSIA) 0.591 0.684 3.340 0.856 X No	Atmospheric Atmospheric Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate Multipurpose 18. Describe the o HM Blend is a to cut Nitrocellulose	Wt. % 20 60 16 4 lank with	Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000 4,000 avariable composition: this tank will serve: ated blend of solvents, into a usable resin coal	Material stored Daily Average (Gallons) 600 1,800 480 120 These solvents are bleating (Jelly).	Component Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9 102.14 Yes	Component Vapor Pressures (PSIA) 0.591 0.684 3.340 0.856 X No	Atmospheric Atmospheric Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate Multipurpose 18. Describe the o HM Blend is a to cut Nitrocellulose	Wt. % 20 60 16 4 lank with	Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000 4,000 avariable composition: this tank will serve: ated blend of solvents, into a usable resin coal	Material stored Daily Average (Gallons) 600 1,800 480 120 These solvents are bleating (Jelly).	Component Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9 102.14 Yes	Component Vapor Pressures (PSIA) 0.591 0.684 3.340 0.856 X No	Atmospheric Atmospheric Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient Ambient



遊			RAL IDENTIFICA	TION AND DESCRIPT	FION		
I.	Fa	cility name: Holliston Holdings LLC					
2.	Pro	ocess e mission source (identify): Vent T35					
			STORAGE TÂ	NKDESCRIPTION	E NEUES E		
3	Sto	rage tank identification: Tank T35			E. E. Spiciologica		
4.		cation of the storage tank or tank farm in UTM co	ordinates: U7	TM Vertical: 82 45 00	UTM Horizo	ontal: 36 30 00	
5.		rage tank capacity: 6. Year of ins	tallation: 1974	7. Tank height		8. Tank diame	
9.		(Garions)	ther Specify Silve	10.5	+ (Feet)	7.00	(Feet)
		his tank equipped with a submerged fill pipe?					
		pe of storage tank:	Y	es X No			- 50 = - 79
	_	Open toptankX Fixed	roofl	Fixed roof w/internal floating Variable v	roof apor space		Other (specify)
12.		fixed roof tanks: Tank configuration (check one):: Very Tank roof type: (check one) Domeroof – indicate shell radius 3,50	ertical (upright cylinder tank roof height N/A tetank roof height N) X Horizontal			
				TANK DESCRIPTION		13520 WY 1556	
13.	For	Floating Rook tanks (both internal and external)	- shell condition (chec	kone):			
14	For		ust	_Gunitelined "NOT	Appli	cable"	
14.	LOI	NOC AL	plicable"				
	Α.	Tank construction (check one):	We	elded tank	Rivete	ed tank	
	B.	Rim Seal system description (check one): Shoe Mounted PrimaryShoe Primary, Rim SecondaryLiquid Primary w/Weather Shield	Vapor Pr	ounted Primary imary, Rim Secondary mary and Secondary	Li	iquid Mounted Prima iquid Primary, Rim S apor Primary w/Weat	econdary
	C.	Roof type (check one):	Pontoon roof		_ Double Deck	roof	
	D.	Roof fitting types (indicate the number of each	type):				
		Access Hatch (24" Diameter well) Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed	Unslotted Guide-Po (8" Diameter Unslo Ungasketed s Gasketed slid	otted Pole, 21" Dia. Well) liding cover	Ga1	uge-Float Well (20" Unbolted cover, u Unbolted cover, g Bolted cover, gas	mgasketed asketed
		Gauge-Hatch/Sample Well (8" Dia) Weighted Mechanical Actuation Gasketed Weighted Mechanical Actuation Ungasketed	Vacuum Breaker (1 Weighted Me Actuation Ga Weighted Me Actuation U	echanical asketed echanical	Roo	of Drain Open 90% Closed	
))		Slotted Guide-Pole/Sample Well (8" Slotted Pole, 21" Dia Well)Ungasketed Sliding Cover, without FloatGasketed Sliding Cover, without FloatGasketed Sliding Cover, with Float		of Leg (3" Dia.) _Adjust able, Pontoon area _Adjust able, Center area _Adjust able. Double-Deck r _Fixed	-	Roof Leg (2 ½" Dia) Adjust able, Po Adjust able, Ce Adjust able, Do Fixed	ntoon area

	oaung K	ooftanks:	+ 7007 27.	- 11			
A. Rim Seal s		"NO	t Applicable	3"			
		Primary Primary		quid Mounted Primary plu por Mounted Primary plu			
B. Number of	Column	ıs.		D. Deck Type (che	eck one):	Welded	Bolted
C. Effective (Column	liameter.	(Feet)	E. Total Deck Sea	m length:	(Feet)	
F. Deck Area	:		(Square Feet	1)			
G. Deck Fittir	ngtypes	(indicate the number of e	ach type):				
Unb	ted cove ofted co	Dia) r, gasketed ver, gasketed ver, ungasketed	Automatic Gauge Float Well Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed Unbolted cover, ungasketed Pipe Column-Sliding cover, ungasketed Pipe Column-Sliding cover, gasketed Pipe Column-Sliding cover, gasketed Pipe Column-Sliding cover, ungasketed				
Ladder well	ingcove	r, gasketed r, ungasketed	Slotted Pipe	-Sliding cover, gasketed -Sliding cover, ungasked ll-Slit fabric seal, 10% op	ed	Roof Legor Ha Adjustal Fixed	
Vacuum Br	eaker						
		echanical Actuation, gast echanical Actuation, ung					
16. For variable v	apor spa	œ tanks:	-				
		Vo	lume expansion capacity	N/A	(Gallons)		
			NK CONTENTS AN	D OPERATION DE	SCRIPTION		
		. 12 C	tored in this tople:				
17. Complete the	flowing	table for materials to be s	tored in this talk.				
Material or component stored	Wt. %	Material Annual Throughput (Gal.(Yr.)	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	Material storage pressure(PSIA)	Material average storage temp. (Deg. F)
Material or	Wt.	Material Annual Throughput	Material stored Daily	Molecular weights			storage temp.
Material or component stored	Wt.	Material Annual Throughput (Gal.(Yr.)	Material stored Daily Average (Gallons)	Molecular weights (Lb./Lb. Mole)	Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F)
Material or component stored	Wt. %	Material Annual Throughput (Gal./Yr.)	Material stored Daily Average (Gallons)	Molecular weights (Lb./Lb. Mole)	Pressures (PSIA) 0.591	pressure(PSIA) Atmospheric	storage temp. (Deg. F) Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate	20 60 16 4	Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000 4,000	Material stored Daily Average (Gallons) 600 1,800	Molecular weights (Lb./Lb. Mole) 60.11 92.14	0.591 0.684	pressure(PSIA) Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate	20 60 16 4	Material Annual Throughput (Gal./Yr.) 20,000 60,000	Material stored Daily Average (Gallons) 600 1,800 480	Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9 102.14	0.591 0.684 3.340 0.856	Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate	20 60 16 4	Material Annual Throughput (Gal. Yr.) 20,000 60,000 16,000 4,000 a variable composition:	Material stored Daily Average (Gallons) 600 1,800 480	Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9	0.591 0.684 3.340	Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate Multipurpose 18. Describe the o	W1. % 20 60 16 4 tank with	Material Annual Throughput (Gal. IVr.) 20,000 60,000 16,000 4,000 avariable composition:	Material stored Daily Average (Gallons) 600 1,800 480 120 These solvents are ble	Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9 102.14 Yes	0.591 0.684 3.340 0.856	Atmospheric Atmospheric Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate Multipurpose 18. Describe the of the office of the o	W1. % 20 60 16 4 lank with	Material Annual Throughput (Gal. Yr.) 20,000 60,000 16,000 4,000 a variable composition: this tank will serve:	Material stored Daily Average (Gallons) 600 1,800 480 120 These solvents are ble	Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9 102.14 Yes	0.591 0.684 3.340 0.856	Atmospheric Atmospheric Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate Multipurpose 18. Describe the of the office of the o	W1. % 20 60 16 4 lank with	Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000 4,000 a variable composition: this tank will serve: ated blend of solvents, into a usable resin coal	Material stored Daily Average (Gallons) 600 1,800 480 120 These solvents are ble	Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9 102.14 Yes	0.591 0.684 3.340 0.856	Atmospheric Atmospheric Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient Ambient
Material or component stored Isopropanol Toluene Acetone Isopropyl Acetate Multipurpose 18. Describe the o HM Blend is a to cut Nitrocellulose THIS TANK IS	W1. % 20 60 16 4 lank with	Material Annual Throughput (Gal./Yr.) 20,000 60,000 16,000 4,000 avariable composition: this tank will serve: ated blend of solvents, into a usable resin coal	Material stored Daily Average (Gallons) 600 1,800 480 120 These solvents are ble	Molecular weights (Lb./Lb. Mole) 60.11 92.14 58.9 102.14 Yes	0.591 0.684 3.340 0.856	Atmospheric Atmospheric Atmospheric Atmospheric Atmospheric	storage temp. (Deg. F) Ambient Ambient Ambient Ambient



1.			to be written in the country of the	ESCRIPTION			
	Facility name: Holliston Holdings, LLC						
2.	Process emission source (identify): Vent T44						
7200	(1) 10 10 10 10 10 10 10 10 10 10 10 10 10	STORAGE TAN	K DESCRIPT	TON	Abrillo Ave		
3.	Storage tank identification: Tank T44				1000 1000 2000 2000		
4.	Location of the storage tank or tank farm in UTM coo	rdinates: UT)	M Vertical: 82 4	500 UT	M Horizonta	al: 36 30 00	70-00
5.	Storage tank capacity: 43,658 (Gallons) 6. Year of insta	llation: 1961	7. Tank he		(Feet)	8. Tank diameter: 25.00	+ (Feet)
9.	Color of tank: White _X Oth	er Specify Silver	-				_
10.	Is this tank equipped with a submerged fill pipe?	Yes		_ No			
11.	Type of storage tank:						
	Open top tank X Fixed roman Fressurized tank External	oof Fi		nal floating roof Variable vapor	space	Oth	er (specify)
12.	For fixed roof tanks: A. Tank configuration (check one):: X Vert B. Tank roof type: N/A Cone roof - indicate to the check one) N/A Dome roof - indicate to the check one Indicate shell radius 12.5 (f	ical (upright cylinder) ank roof height N/A tank roof height N/A	Horiz	ontal			
4	FI	OATING ROOF 1	ANK DESCI	RIPTION			
13.	For Floating Rook tanks (both internal and external) – Light rust Dense rus		one): Gunitelined	"Not A	pplica	able"	
14.	For External Floating Roof tanks: "Not. Apr	olicable"					
	A. Tank construction (check one):		ledtank		Riveted t	ank	
	B. Rim Seal system description (check one): Shoe Mounted PrimaryShoe Primary, Rim SecondaryLiquid Primary w/Weather Shield C. Roof type(check one):	Vapor Prin	unted Primary nary, Rim Secon ary and Seconda	iry	Liqu Vapo	id Mounted Primary id Primary, Rim Secon or Primary w/Weather	ndary Shield
	C. Roof type (check one):: D. Roof fitting types (indicate the number of each ty	Pontoon roof		Doi	ible Deck ro	1001	
	Access Hatch (24" Diameter well) Bolted cover, gask etedUnbolted cover, gasketedUnbolted cover, ungasketed Gauge-Hatch/Sample Well (8" Dia.)Weighted Mechanical Actuation GasketedWeighted Mechanical Actuation Ungasketed Slotted Guide-Pole/Sample Well (8" Slotted Pole, 21" Dia. Well)Ungasketed Sliding Cover, without FloatUngasketed Sliding Cover, without Float Gasketed Sliding Cover, without Float		ed Pole, 21" Dia ding cover g cover 'Dia. Well} hanical keted hanical	itoon area iter area	Roof	e-Float Well (20" Dia_ Unbolted cover, unga_ Unbolted cover, gaskete Bolted cover, gaskete Drain_ Open_ _ 90% Closed of Leg (2 ½" Dia.) _ Adjustable, Pontoc _ Adjustable, Center Adjustable, Doubl- Fixed	sketed eted ed on area

15. For	r Internal Flo	oating R	oof tanks:	t Applicable	n II				
) A.	Rim Seal sy	stem de		c Applicable					
=			Primary Primary	Liq Vap	uid Mounted Primary pl oor Mounted Primary pl	us Secondary Seal us Secondary Seal			
В.	Number of	Column	s:		D. Deck Type (ch	eck one):	Welded	Bolted	
C.	Effective C	Column d	liameter.	(Feet)	E. Total Deck Sea	nm length:	(Feet)		
F.	Deck Area	:		(Square Feet	1)				
G.	Deck Fittir	ig types i	(indicate the number of e	each type):					
	Access Hat Bolt Unb Unb	ed cover olted co		Bolted cover, ga Unbolted cover,	Lutomatic Gauge Float Well Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed Unbolted cover, ungasketed Unbolted cover, ungasketed Pipe Column-Sliding cover, ungasketed Pipe Column-Sliding cover, gasketed Pipe Column-Sliding cover, ungasketed Pipe Column-Sliding cover, ungasketed				
		ngcove	r, gasketed r, ungasketed	Slotted Pipe Sample Wei	/ell -Sliding cover, gasketed -Sliding cover, ungaske Il-Slit fabric seal, 10% o 1 inch diameter	ted	Roof Leg or Ha Adjusta Fixed		
	Vacuum Br	eaker							
			echanical Actuation, gas echanical Actuation, ung						
16. Fo	r variable v	apor spa	ce tanks:						
		200	Vo	lume expansion capacity	, N/A	(Gallons)			
)				NK CONTENTS AN	D OPERATION DE	SCRIPTION			
17. Co	mpletethe	flowing	table for materials to be s	stored in this tank:					
Materia compon	l or nent stored	Wt. %	Material Annual Throughput (Gal /Yr.)	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	Material storage pressure(PSIA)	Material average storage temp. (Deg. F)	
#2 Fuel (Oil	100	0	0	Not Applicable	<0.1	Atmospheric	Ambient	
#4 Fuel C	Dil	100	500,000	24,400	Not Applicable	<0.1	Atmospheric	Ambient	
#6 Fuel (Dil	100	0	0	Not Applicable	<0.1	Atmospheric	Ambient	
3.4.	142	a Te said 1							
MIL	ширштрозе	ank witi	variable composition:			~			
18. De:	scribe the o	peration	this tank will serve:		Yes	X No			
Sto	orage for fu	el oil for	boilers.						
BOI	ILERS ARE	FIRED	ONLY WITH NATUR	AL GAS AT THIS TIME					
				•				25	
19. Pag	ge number:			Revision Number:		Date of Revis			
)	Д	PC 6.8		1		November 2	3, 2021		



號		ENERAL IDENTIFICAT	TON AND DESCRIPTION	ON		
1.	Facility name: Holliston Holdings, LLC					
2.					7.77	
7.25			KDESCRIPTION			
3.	Storage tank identification: Tank T48			Egit and the Page		
4.	Location of the storage tank or tank farm in UT	Mcoordinates: UTN	// Vertical: 82 45 00 [UTM Horizont	al: 36 30 00	
5.	Storage tank capacity: 6. Year	finstallation:	7. Tank height		8. Tank diameter	
9.	10,000 (Gallons)		18.00	+ (Feet)	10.00	(Feet)
		Other Specify Tan				
10.	 Is this tank equipped with a submerged fill pipe Type of storage tank: 	? Yes	X No			
11.	Open top tank X	Fixed roofFixex ternal floating roof	xed ro of w/intemal floating ro Variable vap		O	her (specify)
12.	For fixed roof tanks: A. Tank configuration (check one):: B. Tank roof type: N/A Cone roof - in (check one) N/A Domeroof - in Indicate shell radius 5.	Vertical (upright cylinder) dicate tank roof height N/A dicate tank roof height N/A				
		FLOATING ROOF T	ANK DESCRIPTION .			
13.	For Floating Rook tanks (both internal and exte		one):	Applic		
14.		Applicable"				
	A. Tank construction (check one):		ledtank	Riveted	tank	E
	B. Rim Seal system description (check one): Shoe Mounted Primary Shoe Primary, Rim Secondary Liquid Primary w/Weather Shield	VaporMot VaporPrin	unted Primary nary, Rim Secondary ary and Secondary	Liqu	uid Mounted Primary uid Primary, Rim Seco or Primary w/Weathe	
	C. Roof type (check one)::	Pontoon roof	1	Double Deck r	oof	
	D. Roof fitting types (indicate the number of	eachtype):				
	Access Hatch (24" Diameter well)Bolted cover, gasketedUnbolted cover, gasketedUnbolted cover, ungasketed	Unslotted Guide-Pole (8" Diameter Unslotte Ungasketed slid Gask eted slidin	ed Pole, 21" Dia. Well) Bing cover	Gaug	e-Float Well (20"Dia _Unbolted cover, ung _Unbolted cover, gasl _Bolted cover, gasket	asketed keted
	Gauge-Hatch/Sample Well (8" Dia.)Weighted MechanicalActuation GasketedWeighted Mechanical Actuation Ungasketed	Vacuum Breaker (10'Weighted Meel Actuation GaslWeighted Mee	nanical seted hanical	Roof	Drain Open 90% Closed	
))	Slotted Guide-Pole/Sample Well (8" Slotted Pole, 21" Dia. Well) Ungasketed Sliding Cover, without Ungasketed Sliding Cover, with Flo Gasketed Sliding Cover, with Float	Float	Leg (3" Dia.) Adjustable, Pontoon area Adjustable, Center area Adjustable, Double-Deck roo Fixed	_	oof Leg (2 ½" Dia.)Adjust able, Ponto _Adjust able, Cente _Adjust able, Doub _Fixed	er area

15. For Internal F	loating K	oortanks: HATO	t Applicable	11 6			
A. Rim Seal	system de		c Applicable	= "			
	Mounted Mounted	l Primary Primary	Liq Vap	uid Mounted Primary plu oor Mounted Primary plu	as Secondary Seal as Secondary Seal		
B. Number o	f Column	is:		D. Deck Type (che	eck one):	Welded	Bolted
C. Effective	Column	liameter.	(Feet)	E. Total Deck Sea	m length:	(Feet)	
F. Deck Are	a:		(Square Feet)			
G. Deck Fitt	ing types	(indicate the number of e	each type):				
Ur	lted cove bolted co	Dia.) r, gasketed ver, gasketed ver, ungasketed	Automatic Gauge Float Well Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed Unbolted cover, ungasketed Pipe Column-Sliding cover, gasketed Pipe Column-Flexible fabric steeveseal Pipe Column-Sliding cover, gasketed Pipe Column-Sliding cover, ungasketed Pipe Column-Sliding cover, ungasketed				
	ding cove	r, gasketed r, ungasketed	Slotted Pipe	-Sliding cover, gasketed -Sliding cover, ungaskete I-Slit fabric seal, 10% op	ed œn area	Roof Leg or Ha Adjust al Fixed	nger Well ole
Vacuum B	reaker						
We	ighted M ighted M	echanical Actuation, gas echanical Actuation, ung	keted gasketed				
16. For variable	vapor spa	ice tanks:					· · · · · · · · · · · · · · · · · · ·
	6	Vo	lume expansion capacity	N/A	(Gallons)		
			NK CONTENTS AN	D OPERATION DE	SCRIPTION		
17. Complete the	flowing	table for materials to be s	stored in this tank:				
· ·							
Material or component stored	W1.	Material Annual Throughput (Gal./Yr.)	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	Material storage pressure(PSIA)	Material average storage temp. (Deg. F)
Material or		Throughput		Molecular weights			storage temp.
Material or component stored	%	Throughput (Gal./Yr.)	Average (Gallons)	Molecular weights (Lb./Lb. Mole)	Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F) 70 deg
Material or component stored	%	Throughput (Gal./Yr.)	Average (Gallons)	Molecular weights (Lb./Lb. Mole)	Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F)
Material or component stored Airflex A-144	100	Throughput (Gal./Yr.) 87,000	Average (Gallons)	Molecular weights (Lb./Lb. Mole)	Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F) 70 deg
Material or component stored Airflex A-144	100	Throughput (Gal./Yr.)	Average (Gallons)	Molecular weights (Lb./Lb. Mole) Not Applicable	Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F) 70 deg
Material or component stored Airflex A-144 Multipurpose	% 100	Throughput (Gal./Yr.) 87,000	Average (Gallons)	Molecular weights (Lb./Lb. Mole)	Pressures (PSIA)	pressure(PSIA)	storage temp. (Deg. F) 70 deg
Material or component stored Airflex A-144 Multipurpose 18. Describe the	% 100 tank wit	Throughput (Gal./Yr.) 87,000 h variable composition: this tank will serve:	Average (Gallons) 3,000	Molecular weights (Lb./Lb. Mole) Not Applicable Yes	Pressures (PSIÅ) <0.36 X No	pressure(PSIA)	storage temp. (Deg. F) 70 deg
Material or component stored Airflex A-144 Multipurpose 18. Describe the	% 100 tank wit	Throughput (Gal./Yr.) 87,000 h variable composition: this tank will serve:	Average (Gallons)	Molecular weights (Lb./Lb. Mole) Not Applicable Yes	Pressures (PSIÅ) <0.36 X No	pressure(PSIA)	storage temp. (Deg. F) 70 deg
Material or component stored Airflex A-144 Multipurpose	% 100 tank wit	Throughput (Gal./Yr.) 87,000 h variable composition: this tank will serve:	Average (Gallons) 3,000	Molecular weights (Lb./Lb. Mole) Not Applicable Yes	Pressures (PSIÅ) <0.36 X No	pressure(PSIA)	storage temp. (Deg. F) 70 deg
Material or component stored Airflex A-144 Multipurpose	% 100 tank wit	Throughput (Gal./Yr.) 87,000 h variable composition: this tank will serve:	Average (Gallons) 3,000	Molecular weights (Lb./Lb. Mole) Not Applicable Yes	Pressures (PSIÅ) <0.36 X No	pressure(PSIA)	storage temp. (Deg. F) 70 deg
Material or component stored Airflex A-144 Multipurpose	% 100 tank wit	Throughput (Gal./Yr.) 87,000 h variable composition: this tank will serve:	Average (Gallons) 3,000	Molecular weights (Lb./Lb. Mole) Not Applicable Yes	Pressures (PSIÅ) <0.36 X No	pressure(PSIA)	storage temp. (Deg. F) 70 deg
Material or component stored Airflex A-144 Multipurpose	% 100 tank wit	Throughput (Gal./Yr.) 87,000 h variable composition: this tank will serve:	Average (Gallons) 3,000	Molecular weights (Lb./Lb. Mole) Not Applicable Yes	Pressures (PSIÅ) <0.36 X No	pressure(PSIA)	storage temp. (Deg. F) 70 deg
Material or component stored Airflex A-144 Multipurpose	% 100 tank wit	Throughput (Gal./Yr.) 87,000 h variable composition: this tank will serve:	Average (Gallons) 3,000	Molecular weights (Lb./Lb. Mole) Not Applicable Yes	Pressures (PSIA) <0.36 X No	pressure(PSIA)	storage temp. (Deg. F) 70 deg
Material or component stored Airflex A-144 Multipurpose	% 100 tank wit	Throughput (Gal./Yr.) 87,000 h variable composition: this tank will serve:	Average (Gallons) 3,000	Molecular weights (Lb./Lb. Mole) Not Applicable Yes	Pressures (PSIA) <0.36 X No	pressure(PSIA)	storage temp. (Deg. F) 70 deg
Material or component stored Airflex A-144 Multipurpose 18. Describe the Airflex A-144	% 100 tank wit	Throughput (Gal./Yr.) 87,000 h variable composition: this tank will serve: dispersed resin emulsi	Average (Gallons) 3,000	Molecular weights (Lb./Lb. Mole) Not Applicable Yes	Pressures (PSIA) <0.36 X No	Atmospheric on:	storage temp. (Deg. F) 70 deg



			RAL IDENTIFICA	TION AND DESCRIP	TION		
1.	Fac	illity name: Holliston Holdings, LLC					
2.	Pro	cess e mission source (identify): Vent T49					
			STORAGE TAI	NK DESCRIPTION			
3.	Sto	rage tank identification: Tank T49					
4.	Loc	cation of the storage tank or tank farm in UTM coo		M Vertical: 82 45 00	UTM Horiz	ontal 36 30 00	
5.		rage tank capacity: 6. Year of inst ,000 (Gallons)	allation: 1968	7. Tank height	(Feet)	8. Tank diamet	er: (Feet)
9.	Col	or of tank: White X Ot	her Specify Tan				
10.	Istl	nis tank equipped with a submerged fill pipe?	Ye	s X No			
11.	Тур	ne ofstorage tank:					
	_	Open top tank X Fixed r Pressurized tank Externa	oofF al floating roof	ixed roof w/internal floating Variable	groof vaporspace	(Other (specify)
12.	For A. B.	fixed roof tanks: Tank configuration (check one):: Tank roof type: (check one) N/A Domeroof - indicate Indicate shell radius 5.0 (deck one)	tical (upright cylinder tank roof height N/A etank roof height N) X Horizontal (ft) (ft)			
				TANK DESCRIPTION			
13.	For	Floating Rook tanks (both internal and external) – Light rust Dense rus	shell condition (chec	kone): _Gunitelined "NO1	t Appli	cable"	
14.	For		plicable"				
	A.	Tank construction (check one):		ldedtank	Rive	led tank	
	B.	Rim Seal system description (check one):Shoe Mounted PrimaryShoe Primary, Rim SecondaryLiquid Primary w/Weather Shield	Vapor Pr	ounted Primary imary, Rim Secondary nary and Secondary	I	.iquid Mounted Primary .iquid Primary, Rim Sec /apor Primary w/Weath	condary
	C.	Roof type (check one)::	Pontoon roof		_ Double Dec	k roof	
	D.	Roof fitting types (indicate the number of each t	ype):				
		Access Hatch (24" Diameter well) Bolted cover, gasketed Unbolted cover, gasketed Unbolted cover, ungasketed	Unslotted Guide-Po (8" Diameter Unslo Ungasketed si Gasketed slid	tted Pole, 21" Dia. Well) liding cover		uge-Float Well (20" D Unbolted cover, un Unbolted cover, ga Bolted cover, gaske	gasketed sketed
		Gauge-Hatch/Sample Well (8" Dia.)Weighted Mechanical Actuation GasketedWeighted Mechanical Actuation Ungasketed	Vacuum Breaker (1 Weighted Me Actuation Ga Weighted Me Actuation U	chanical isketed echanical	Rc 	oof Drain Open 90% Closed	
))		Slotted Guide-Pole/Sample Well (8" Slotted Pole, 21" Dia. Well) Ungasketed Sliding Cover, without FloatGasketed Sliding Cover, with FloatGasketed Sliding Cover, without FloatGasketed Sliding Cover, with Float		of Leg (3" Dia.) _Adjust able, Pontoon area _Adjust able, Center area _Adjust able, Double-Deck: _Fixed	roo iš	Roof Leg (2 ½" Dia.) Adjustable, Pon Adjustable, Cen Adjustable, Dou Fixed	ter area

15. For Internal F	loating R	oof tanks:	+ 31-1-	- II				
A. Rim Seal s	_	NO	t Applicable	3"				
Liquid Vapor	Mounted Mounted	Primary Primary	Liq Vap	uid Mounted Primary pl oor Mounted Primary pl	us Secondary Seal us Secondary Seal			
B. Number o	f Column	as:		D Deck Type (ch	eck one)	Welded	Bolted	
C. Effective	Columna	liameter.	(Feet)	E. Total Deck Sea	nm length:	(Feet)		
F. Deck Area	l:		(Square Feet	:)				
G. Deck Fitti	ng types	(indicate the number of e	ach type):					
Un	ited cove	Dia.) r. gasketed ver, gasketed ver, ungasketed	Unbolted cover, gasketed Built -up Column Unbolted cover, ungasketed Pipe Column Pipe Column			olumn-Sliding cover, gasketed olumn-Sliding cover, ungasketed nn-Flexible fabric sleeveseal nn-Sliding cover, gasketed nn-Sliding cover, ungasketed		
	lingcove	er, gasketed er, ungasketed	Slotted Pipe	-Sliding cover, gasketed -Sliding cover, ungasket Il-Slit fabric seal, 10% o	ted	Roof Leg or Ha Adjusta Fixed		
Vacuum B	reaker							
		echanical Actuation, gash echanical Actuation, ung						
16. For variable v	арог ѕра	ce tanks:						
		Vo	lume expansion capacity	N/A	(Gallons)			
)) 经经验的	100	CERTIFICATION OF THE PARTY OF THE PERSON OF	NK CONTENTS AN	D OPERATION DE	SCRIPTION			
17. Complete the	flowing	table for materials to be s	tored in this tank:					
Material or component stored	Wt. %	Material Annual Throughput (Gal./Yr.)	Material stored Daily Average (Gallons)	Component Molecular weights (Lb./Lb. Mole)	Component Vapor Pressures (PSIA)	Material storage pressure(PSIA)	Material average storage temp. (Deg. F)	
Clay Slurry	70	33,000	3,000	258	<0.1	Atmospheric	70 deg	
Water	30	14,142	1,286	18	0.33	Atmospheric	70 deg	
	-						7.	
Multipurpose	tank wit	h variable composition:						
		<u>, </u>		Yes	X No			
18. Describe the	peration	this tank will serve:		103				
Class Characia			is the Discours Based					
Clay Slurry is	usea in	aqueous formulations	in the Plastics Departn	nent.				
1								
					National Roberts			
9. Page number:	APC 6.1	0	Revision Number:	-0.00 Now -	Date of Revis			



TITLE V PERMIT APPLICATION INCINERATION

		GENERAL IDENTIFICA	ATION AND DESCRIPTION	
I.	Facility name: Holliston Ho	ldings, LLC		A
2.	In cinerator identification:	"Not Applicable" to Hollistor	Operations	All A
133			P. DESCRIPTION	
3.	Incinerator description:	THE PERSON OF TH	N. DESCRIPTION	DA V MARKET
		"Not Applicable"		
4.	Stack ID or flowdiagram point ide	entification(s):)
	If this incinerator is controlled for	compliance ut ilizing add-on control equi	pment, attach an appropriate Air Politation Contr	ol system form.
5.		M coordinates: UTM Vertical:		
6.	Normal operating schedule:	Hrs./Day Days/Wk	Days Yr.	
\Box	If this incinerator's emissions and	or operations are monitored for complian	ice, please attach the appropriate compliance den	nonstration form.
7.	Type of incinerator (check one):			
	Single chamber	Controlled air	Multiple chamber	Fixed hearth
1	Stepped hearth	Rotary kiln	Other - specify:	
8.	Year of construction or last modifie	cation:		
		MATERIALS INDICON	BUSTION INFORMATION	
9.	Describe all types of materials to be	e burned in this unit. (Declare materials s	stated in 1200-3-3102(6) of the TN Air Pollution	on Control regulations and identify)
	Types of material	s to be burned	Weight percentage of total charge	
	A	A CONTRACTOR		
10	T			
10.	Type of incinerator charging: A. Barth feed C. Waste charging method:	Continuous feed	B. Maximum charging rate:	Lbs./Hr.
11.	Type of Chamber Combustion in formation	Design temperature (°F)	Size (Million BT U/Hr.)	Burner Fuels
	Primary chamber			
	Secondary chamber			
12.	Residence time of gas in the second	ary chamber:		
13.	If this incinerator is equipped with a	heat recovery system, what is the project	ted energy production rate? (i.e. pounds of stea	mperhour)
14. be in	If this incinerator is regulated under cluded in Item 9 above)	RCRA, please provide the permit number	er (the waste materials burned in RCRA permitte	ed incinerator(s) are not required to
3.	Page number: APC 7.1	Revision Number:	Date of Revision:	3 2021

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



TITLE V PERMIT APPLICATION PRINTING OPERATIONS

		E SEE SEE	GENERAL	DENTIFICATIO	N AND DESCRI	PPION	LIBERRAL MESON	A PER DESIGNATION OF THE PERSON OF THE PERSO							
l.	Facility name: Holliston Holdings, LLC	7 22													
2.	Process description:														
3.	Source 37-0001-10, #6 Print Machine Year of construction or last modification:	/Coater #6; Wover	and non-woven ma	aterials are surface of	coated with water an	d/or solvent based o	oatings								
	Unknown - No manufacturer nameplate	e data available on	this machine		 Stack ID or flo P3F, P4F, P5I 	wdiagram point ident . P5aF	ification(s):								
	If the emissions are controlled for complia	nce, attach an approj	oriate Air Pollution Co	ontrol system form.		7. 33.		· · · · · · · · · · · · · · · · · · ·							
5.	If this printing operation is monitored for c Normal operating schedule: 24 Hrs.	/Day7 i	Days/Wk. 365	ompliance demonstrati Days/Yr.	ion form.			<u></u>	<u>.</u>						
6.	Location of this operation in UTM coordinates: UTM Vertical: 82 45 00 UTM Horizontal: 36 30 00														
7.	Operation type: Flexographic Web-offset Web-offset (non-heatest)														
or and head	Screen Printing X Other (Specify): Gravure Roll														
0	INKS AND SOLVENTS														
8.															
	Identify inks and solvents: Daily usage: Monthly Coating composition: Weight percent as applied Ink density														
	(name or type of int) Gallons or pounds Usage Solids Solvents Water Exempt Ink density														
	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Average	Maximum	Maximum	W1. %	(VOCs) Wt. %	Wt. %	Solvents Wt. %	Lbs./Gal.						
	Print Solvent Based	26 gals	79 gals	2,401 gals	7.219	89.313	2.400	-							
	Print Aqueous Based	26 gals	79 gals				3.468	0	7.17						
		20 gais	75 gais	2,401 gals	N/A	N/A	N/A	N/A	N/A						
	Total inks														
	List the Thinning Solvents used with the in	52 gals	158 gals	4,802 gals	<u> </u>										
		ks identified above:													
	(1): Methyl isobutyl ketone	60 gals	180 gals	5,409 gals		99.9	0.1		6.68						
	(2):														
	Clean-up solvents: HM Blend	4 gals	20 gals	608.4 gals	0	84	0	16	7.1 .						
	Other (specify):														
9.	Page number:	Revision Nun	nber:	D	ate of Revision:										
	APC 8.1		1	1	November 23, 2021										

CN- 1405

APC 9

State of Ancesec
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



GENERAL IDENIBIFICATION AND DESCRIPTION														
1.	Facility name: Holliston Holdings,	LLC			17							Control (United States of the Control of the Contro	Barrier Control State of Control	
2.	Process description: Source 37-00	01-10. Costs	r#3; Woven	and non-wovi	en materie	ds are surf	ace coated with	water-bas	ed coatinos					
3.	Year of construction or last modifica	tion: Unknow	n - No manuf	acturer name	plate ava	ilable	4. Stack	ID or flow	liagram poi	nt identificati	on(s): P6	aF, P6F, P7F, P8F		
	If the emissions are controlled for co.	mpliance, atta	ch an annmnri	ate Air Pollutie	on Control	evetem form	2			-		01,701,771,101		
5.	If this printing operation is monitored Normal operating schedule 24	d for complian	ce, please atta	ch the appropr	iate compli	ance demon	istration form.							
6.														
7.	Location of this operation in Ul'M co													
/.	Oven curing (complete if applicable)		Number of ove	ns: <u>01</u>	10	Tempe	rature of air cont	acting coate	d material as	it leaves the	oven (°F):	210.+/- 10%	_	
Q	Specify oven fuels: Natural (Total m	aximum hea	input to eac	h oven		10,000,000 BTU		
Solome	8. Application technique and transfer efficiency (%): Blade													
0	9. Complete the following table - Attach additional tables as needed. Fill in only the items of the internal tables as needed.													
	9. Complete the following table – Attach additional tables as needed – Fill in only the items necessary for determination of compliance with emission standard(s). Normal Coating Composition: Volume and weight percent as applied Design Coating Composition Coating Coat													
		Maxim	um Usage	Normal	**	Coating C		lume and w	eight percer	nt as applied		Density of Solvent	0 2 5	
	Identify coatings			Usage	So	lids	Solvents (VOCs)	Wa	ıter	Exempt 5	Solvent	Fraction	Coating Density	
		Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	W1.%	Vol.	Wt.	Vol.	Wt	Lbs./Gal.	Lbs./Gal.	
Back	Coat Aqueous based	827	25,155	1,113		37.359	0.040		62.601		0	0.010	9.56	
Clea	r Coat Aqueous based	942	28,641	679	4	19.343	1.346		79.311		0	0,570	8.86	
Coat	ing Aqueous based	4,426	134,644	3,200		55.060	0.311		44.629		0	0.058	10.34	
***	Continued on page APC 9.1b ***				- 6									
	Total coatings								 			· · · · · · · · · · · · · · · · · · ·		
	List the Thinning Solvents used with t	the coatings io	lentified above	<u> </u>			<u> </u>	<u>!</u>						
	(1):				V]						
	(2):													
	Clean-up solvents:													
	Other (specify):													
10.	Page number: APC 9.1a	R	evision Numb	per	-		Date of Revi	sion: Nove	mber 23 20)21				



GENERAL IDENTIFICATION AND DESCRIPTION														
1. Facility name: Holliston Holdings,	LLC			ace I land		- VA. 101 /A.								
2. Process description: Source 37,000	11-10 Coole	r#3 - Woven	and non-wor	an materi	als are sur	fore coaled will	in water has	ad another	- *** 0					
3. Year of construction or last modifical	ion: Unknow	n. No manut			11-1-1	4. Stack	ID or flowd	iaeram noi	nt identificat	ion (s):	Page APC 9.1a **** SaF, P6F, P7F, P8F			
If the emissions are controlled for con	unliance atte	oh an ammanui	acturer name	plate ava	ilable		12 01 110 110	ingi um pon		P6	6aF, P6F, P7F, P8F			
It this printing operation is monitored	l for complian	ce, please atta	ch the appropr	iate compli	system tom ance demon	n. Istration form								
5. Normal operating schedule 24	Hrs./Day	7 Da	ys/Wk365	Days/					 -					
6. Location of this operation in UTM co	ordinates: U	ITM Vertical:	82 45 00	UTMI	Iorizontal:	36 30 00								
7. Oven curing (complete if applicable):		lumber of ove		-		rature of air cont	acting coater	l material as	it leaves the	oven (°E)		200 Mg		
Specify oven fuels: Natural (3as			,	1					oven(1).		_		
Application technique and transfer efficiency (%): Blade Total maximum heat input to each oven: 10,000,000 BTU														
COAFINGS AND SOLVENTS														
9. Complete the following table - Attacl	hadditional ta	bles as needed	l – Fill in only	the items n	ecessary for	r determination o	fcompliance	with emics	ion standard	e)				
Complete the following table – Attach additional tables as needed – Fill in only the items necessary for determination of compliance with emission standard(s). Normal Coating Composition: Volume and weight percent as applied Description:														
Identify coatings	Maxim	um Usage	Normal Usage	C.		Solvents					Density of Solvent	Coating Density		
	Gal./Hr.	C.1.04			lids	(VOCs)	Wa		Exempt	Solvent	Fraction			
		Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	Wt.%	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal.		
Tie Coat Aqueous based	196	5,969	1,040	- 1	57.837	0.255		41.908		0	0.043	9.76		
Top Coat Aqueous based	1,251	38,040	193		55.863	0.017		44.120		0	0.003	11.36		
Over Print Solvent based	79	2,401	0		N/A	N/A		N/A		N/A	N/A	N/A		
Over Print Aqueous based	79	2,401	0	,	N/A	N/A		N/A		N/A	N/A	N/A		
Total coatings	7,800	237,251	6,225											
List the Thinning Solvents used with t	he coatings id	lentified above):	· ·		<u> </u>						4		
(1): HM Blend								0		16	5.964	N/A		
(2):														
Clean-up solvents: HM Blend	16	487	487		0	84		0		16	5.964	N/A		
Other (specify):														
10. Page number: APC 9.1b	R	evision Numb	er:	,		Date of Revi	sion: Noven	ber 23, 20	21		<u> </u>			



852690			Language and the same of the s				JATING U							
				GENE	RAL IDE	NIFICA	TION ANDI	ES CRIPT	ION					
1.	Facility name: Holliston Holdings,	LLC			,									
2.	Process description: Source 37-00	01-10 Coste	r#4 - Woven	and non-wov	ren materi	als ere sur	face costed wit	h water-bes	ed and/or s	tolvent-bess	ad coating			
3.	rear of construction or last modifica	1963					4. Stack	ID or flowe	liagram poir	nt identificati	(-) .	F, P10F, P11F, P11aF		
	If the emissions are controlled for co. If this printing operation is monitored	mpliance, attac d for complian	ch an appropri ce, please atta	ate Air Pollutio	on Control :	system form	1. Stration form				·			
5.	Normal operating schedule 24	Hrs./Day	7 Da	ys/Wk. _365	Days/									
6.	Location of this operation in UTM co		TM Vertical:	82.45.00	UTM I-	Iorizontal:	36.30.00							
7.	Oven curing (complete if applicable)	: N	lumber of ove	ns: 01		Tempe	rature of air cont	actingcoate	d material as	it leaves the	oven(°F):	210 +/- 10%		
	Specify oven fuels: Natural						Total ma	aximum heat	input to eac	h oven:		10,000,000 BTU	_	
8.	8. Application technique and transfer efficiency (%): Blade and/or Air Knife													
ACCUSATION.		.7			COY	MINGS A	ND SOLVEN	TS		Market N				
9.	9. Complete the following table – Attach additional tables as needed – Fill in only the items necessary for determination of compliance with emission standard(s).													
	Coating Composition: Volume and weight percent as applied													
	Identify coatings	Maxim	um Usage	Usage	So	lids	Solvents (VOCs)	Wa	iter	Exempt S	Solvent	Density of Solvent Fraction	Coating Density	
		Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	Wt.%	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal.	
Back	Coat Aqueous based	827	25,155	1,113		37.359	0.040		62.601		0	0.010	9.56	
Clea	r Coat Aqueous based	942	28,641	679		19.343	1.346		79,311		0	0.570	8.86	
Coat	ing Aqueous based	4,426	134,644	3,200		55.060	0.311		44.629		0	0.058	10.34	
***	Continued on page APC 9.2b ***													
	Total coatings													
	List the Thinning Solvents used with	he coatings id	lentified above	:				l			1			
	(1):													
	(2):													
	Clean-up solvents:													
	Other (specify):				i									
10.	Page number: APC 9.2a	R	evision Numb	er:			Date of Revi	sion: Nover	nber 23, 20	<u> </u>	i		*	



GENERAL IDENTIFICATION AND DESCRIPTION														
			GENE	RAL IDE	NEHICA	TION AND D	ES CRIPT	ION						
1. Facility name: Holliston Holdings L	TC													
2. Process description: Source 37-000	11-10 Coate	r#4 - Woven	and non-wov	en materi	als are sur	face costed with	h water-her	red and/or	tohont ho	end coating	e 111 Continued from	Dono ADC O Co 414		
3. Year of construction or last modificat	ion: Unknow	n - No manul	acturer name	plate ava	ilable	4. Stack	ID or flow	liagram poir	nt identifica		F, P10F, P11F, P11aF			
If the emissions are controlled for cor	notiance, attac	ch an annronri	ate Air Pollutio	on Control	welem form	1.		 -			-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
II this printing operation is monitored	l for complian	ce, please atta	ch the appropri	iate complia	ance demon	stration form.		_						
24														
6. Location of this operation in UTM co				UTME	lorizontal:	36 30 00								
7. Oven curing (complete if applicable):	N	lumber of ove	ns: <u>01</u>		Tempe	rature of air conta	acting coate	d material as	it leaves th	eoven(°F):	210.+/- 10%			
Specify oven fuels: Natural C						Total ma	x imum heat	input to eac	h oven:		10,000,000 BTU			
8. Application technique and transfer efficiency (%): Blade, Meyer Rod, and/or Air Knife														
				COA	TINGS A	ND SOLVEN	TS	100	9			THE RESERVE OF THE PARTY OF THE		
9. Complete the following table - Attack	additional ta	bles as needec	– Fill in only	he items n	ecessary for	determinationo	fcompliance	e with emiss	ion standar	d(s).				
9. Complete the following table – Attach additional tables as needed – Fill in only the items necessary for determination of compliance with emission standard(s). Normal Coating Composition: Volume and weight percent as applied Density of Solvent														
Identify coatings	Maxim	um Usage	Usage	-	lids	Solvents (VOCs)	Wa			Solvent	Density of Solvent Fraction	Coating Density		
	Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	Wt.%	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal.		
Tie Coat Aqueous based	196	5,969	1,040		57.837	0.255		41.908		0	0.043	9.76		
Top Coat Aqueous based	1,251	38,040	193		55.863	0.017		44.120		0	0.003			
Over Print Solvent based	79	2,401	0		N/A	N/A		N/A		N/A	N/A	N/A		
Over Print Aqueous based	79	2,401	0		N/A	N/A		N/A		N/A	N/A	N/A		
Total coatings	7,800	237,251	6,225											
List the Thinning Solvents used with t	he coatings id	lentified above	:											
(1): HM Blend	3	90	30		0	84		0		16	5.964	N/A		
(2):							-					***		
Clean-up solvents: HM Blend	16	487	487		0	84		0		16	5.964	N/A		
Other (specify):														
10. Page number: APC 9.2b	R	cvision Numb	er:	í		Date of Revis	ion: Nover	nher 23 20	21					





			GENE	RAL IDE	NTIFICA	TION AND I	ES CRIPT	IÖN	THE NAME OF	63010	THE PARTY AND THE	MENON VENNON	
1. Facility name: Holliston Holdings,	LLC											No and the second	
Process description: Source 37-00	01-10 Coata	r#5 - Woven	and non-wox	en materi	als are sur	face coated with	h water bee	ed and/or	sahmat basad		_		
3. Year of construction or last modifica	tion: 1964					4. Stack	ID or flowe	liagram poi	it identification	(s):	2F, P13F, P14F		
If the emissions are controlled for co	mpliance, atta	ch an appropri	ate Air Pollutin	on Control	system form	<u> </u>				P1	2F, P13F, P14F 		
If this printing operation is monitored	d for complian	ce, please atta	ch the appropri	iate complia	ance demon	stration form.							
5. Normal operating schedule 24													
6. Location of this operation in UIM co	ordinates: L	JTM Vertical	82 45 00	UTME	lorizontal:	36.30.00							
7. Oven curing (complete if applicable)	: 1	lumber of ove	ns: _01		Tempe	rature of air cont	acting coates	material as	it leaves the ov	en (°I ²):	210 +/- 10%		
Specify oven fuels: Natural										, ,	10,000,000 BTU	_	
8. Application technique and transfer efficiency (%): Blade Total maximum heat input to each oven: 10,000,000 BTU													
			168 9 368	COA	TINGS A	ND SOLVEN	TS	The Man		acolici.	ERAMES WAS ASSESSED.		
9. Complete the following table - Attac	h addit ional ta	bles as needed	l – Fill in only	the itoms n	ecessary for	determination o	f compliance	with emiss	ion standard(s).				
Complete the following table - Attach additional tables as needed - Fill in only the itoms necessary for determination of compliance with emission standard(s). Coating Composition: Volume and weight percent as applied Density of School													
Identify coatings	Maxim	um Usage	Usage		lids	Solvents	Wa				Density of Solvent Fraction	Coating Density	
,	Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	(VOCs) Wt.%			Exempt Sol				
	-	-		VOI. 76		W 1, %	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal.	
Back Coat Aqueous based	827	25,155	1,113		37.359	0.040		62.601		0	0.010	9.56	
Clear Coat Aqueous based	942	28,641	679		19.343	1.346		79.311		0	0.570	8.86	
Coating Aqueous based	4,426	134,644	3,200		55.060	0.311		44.629		0	0.058	10,34	
*** Continued on page APC 9.3b ***													
Total coatings													
List the Thinning Solvents used with	he coatings id	lentified above	0:		I			1					
(1):												-	
(2):													
Clean-up solvents:				i									
Other (specify):				······									
10. Page number: APC 9.3a	R	I evision Numb	per:	,		Date of Revi	sion: Nover	nber 23, 20	<u> </u> 21				

Telephone: (615) 532-0554





GENERAL DENIFICATION AND DESCRIPTION														
1 Estilitus anno			GENE	RAL IDE	NIIBICA	TION AND E	ES CRIPT	ION						
1. Facility name: Holliston Holdings, I	LLC			1										
2. Process description: Source 37-000	1-10 Coate	r#5 - Woven	and non-wov	en materi	als are sur	face coated witi	h water-bei	ed and/or	solvent-bas	ed coating	s *** Continued from I	Page APC 9.3e ***		
3. Year of construction or last modificat	ion: Unknowi	n - No manuf	acturer name	plate ava	ilable	4. Stack	ID or flow	liagram poir	nt identifica	tion(s): P1	2F, P13F, P14F			
If the emissions are controlled for con If this printing operation is monitored	noliance, attac	ch an appropri	ate Air Pollutio	on Control s	system form	1						· · · · · · · · · · · · · · · · · · ·		
5. Normal operating schedule 24	Hrs./Day	7 Da	ys/Wk385	Days/										
6. Location of this operation in UTM co	ordinates: U	TM Vertical:	82.45.00	_ UTM F	Iorizontal:	38.30.00								
7. Oven curing (complete if applicable):	of the polarite of an editading coated material as it leaves the oven (14):													
Specify oven fuels: Natural Gas Total maximum heat input to each oven: 10,000,000 BTU														
8. Application technique and transfer eff	ficiency (%):	Blade												
COATINGS AND SOLVENTS														
9. Complete the following table – Attack														
Normal Coating Composition: Volume and weight percent as applied														
Identify coatings	Maxim	um Usage	Usage	So	lids	Solvents (VOCs)	Wa	iter	Exempt	Solvent	Fraction	Coating Density		
	Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	Wt.%	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal.		
Tie Coat Aqueous based	196	5,969	1,040		57.837	0.255		41.908		0	0.043	9.76		
Top Coat Aqueous based	1,251	38,040	193		55.863	0.017		44.120		0	0.003	11.36		
Over Print Solvent based	79	2,401	0		N/A	N/A		N/A		N/A	N/A	N/A		
Over Print Aqueous based	79	2,401	0		N/A	N/A		N/A		N/A	N/A	N/A		
Total coatings	7,800	237,251	6,225											
List the Thinning Solvents used with t	he coatings id	lentified above	i.	1			l-a-							
(1): HM Blend	3	90	30		0	84		0		16	5.964	N/A		
(2):												N/A		
Clean-up solvents: HM Blend	16	487	487	-	0	84		0		16	5.964			
Other (specify):														
10. Page number: APC 9.3b	R	evision Numb	er:	1		Date of Revi	sion: Nover	nber 23, 20)21					



						JATING U								
			GENE	RAL IDE	NTIFICA	TION AND I) ES CRIPT	TON		SPAR				
1. Facility name: Holliston Holdings,	LLC	-					-							
Process description: Source 37-00	01-10 Coate	r #7 - Woven	and non-wor	ren materi	als are sur	face coated wit	h water-bar	ed costing	B.					
3. Year of construction or last modifica	ition: 1967		3.8.	2.00-2-9-	12-	4. Stack	ID or flow	liagram poir	nt identifica	tion(s): P2	20F, P21F			
If the emissions are controlled for co If this printing operation is monitore	mpliance, atta	ch an appropri	ate Air Pollutio	on Control	system form	1.								
5. Normal operating schedule 24	Hrs./Day	7 Da	ys/Wk. 385	Days/		Stration form.			<u></u>					
6. Location of this operation in UTM co					Iorizontal:	28 20 00								
Specify oven fuels: Natural										coven(1)	100 178 10 10	_		
8. Application technique and transfer efficiency (%): Blade, Meyer Rod, and/or Air Knife														
Application technique and transfer efficiency (%): Blade, Meyer Rod, and/or Air Knife COATINGS AND SOLVENITS														
9. Complete the following table - Attac	h additional ta	ables as needed	l – Fill in only	the items n	ecessary for	r determination o	Compliance	e with emiss	ion standar	(s).				
9. Complete the following table – Attach additional tables as needed – Fill in only the items necessary for determination of compliance with emission standard(s). Normal Coating Composition: Volume and weight percent as applied Density of Solvent														
Identify coatings	Maxim	um Usage	Usage	So	lids	Solvents (VOCs)		iter		Solvent	Density of Solvent Fraction	Coating Density		
	Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	Wt.%	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal.		
Back Coat Aqueous based	827	25,155	1,113		37.359	0.040		62.601		0	0.010	9.56		
Clear Coat Aqueous based	942	28,641	679		19.343	1.346		79,311		0	0.570	8.86		
Coating Aqueous based	4,426	134,644	3,200		55.060	0.311		44.629		0	0.058	10.34		
*** Continued on page APC 9.4b ***														
Total coatings														
List the Thinning Solvents used with	the coatings in	dentified above	3:		1	<u> </u>					<u> </u>			
(1):														
(2):				·										
Clean-up solvents:														
Other (specify):														
10. Page number: APC 9.4a	R	Levision Numb	er:			Date of Revi	sion: Nover	her 23, 20	121	L				





GENERAL IDENDIFICATION AND DESCRIPTION													
1. Facility name: Holliston Holdings, i	LLC			i,			*			ALC: NEWSCHARE			
2. Process description: Source 37-000	11-10 Coete	r#7 - Woven	and non-wov	en materi	als are sur	face coated with	h water-bas	ed coating	s *** Contin	ued from	Page APC 9.4a ***		
3. Year of construction or last modificat	ion: Unknowi	n - No manuf	acturer name	plate ava	ilable	4. Stack	ID or flowe	liagram poir	nt identification	on(s):	12F, P13F, P14F		
If the emissions are controlled for con If this printing operation is monitored	npliance, attac	ch an appropris	ate Air Pollutio	on Control s	system form)							
5. Normal operating schedule 24	Hrs./Day		ys/Wk 385	Days/		stration form.							
6. Location of this operation in UTM co-	ordinates: U			UTME	lorizontal:	36.30.00							
7. Oven curing (complete if applicable):	N	lumber of ove	ns: <u>01</u>			rature of air conta	acting coates	l material as	it leaves the	oven (°F)	210 +/- 10%		
Specify oven fuels: Natural G						Total ma	ximum heat	input to eac	h oven:		10,000,000 BTU		
8. Application technique and transfer eff	1 of all maximum near input to each oven;												
COATINGS AND SOLVENTS													
9. Complete the following table – Attach additional tables as needed – Fill in only the items necessary for determination of compliance with emission standard(s).													
Maximum Usage Normal Coating Composition: Volume and weight percent as applied Density of Solvent Coating Density													
Identify coatings	Maximi	un ∪sage	Usage	So	lids	Solvents (VOCs)	Wa	iter	Exempt S	olvent	Fraction	Coating Density	
	Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	Wt.%	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal.	
Tie Coat Aqueous based	196	5,969	1,040	4	57.837	0.255		41.908		0	0.043	9.76	
Top Coat Aqueous based	1,251	38,040	193	i.	55.863	0.017		44.120		0	0.003	11.36	
Over Print Aqueous based	79	2,401	0		N/A	N/A		N/A		N/A	N/A	N/A	
				Ī									
Total coatings	7,721	234,850	4,992										
List the Thinning Solvents used with t	he coatings id	lentified above	:	,			L,		<u> </u>		<u> </u>		
(1): HM Blend	3	90	30	-	0	84		0		16	5.964	N/A	
(2):													
Clean-up solvents: HM Blend	16	487	487	2	0	84		0		16	5.964	N/A	
Other (specify):													
10. Page number: APC 9.4b	R	evision Numb	er:	: ;		Date of Revi	sion: Nover	mber 23, 20)21		I		

State of Finessee
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





GENERAL DENDIFICATION AND DESCRIPTION													
1. Facility name: Holliston Holdings, (LLC							-	20 7 2			STATE OF STA	
2. Process description: Source 37-000	11-10. Coale	r#8 - Woven	and non-wov	en materia	als are sur	face coated wit	h water-bar	ed and/or	solvent-hes	ad costing			
3. Year of construction or last modificat	ion: Unknowi	n - No manuf	acturer name	plate data	available	4. Stack	ID or flow	liagram poir	ıt identificat	ion(s): P2	9 3F, P24F, P25F, P26F		
If the emissions are controlled for con	noliance, attac	ch an annmoria	ate Air Pollutio	on Control o	evetem form	1				,	01,7201,7201,7201		
If this printing operation is monitored 5. Normal operating schedule 24	for compliant	ce, please attac	h the appropri	iate complia	ance demon	stration form.							
24												<u> </u>	
6. Location of this operation in UTM co				UTM F				<u></u>					
Oven curing (complete if applicable):		lumber of over	ns: <u>01</u>		Tempe	rature of air cont	acting coate	l material as	it leaves the	oven (°F):	178 +/- 10%	-	
Specify oven fuels: Natural G						T otal ma	ax imum heat	input to eac	h oven:		10,000,000 BTU	*	
8. Application technique and transfer efficiency (%): Blade													
COATINGS AND SOLVENTS													
9. Complete the following table – Attach	radditional ta	bles as needed	– Fill in only	the items n	ecessary for	determinationo	f compliance	with emiss	on standard	(s).			
Maximum Usage Normal Coating Composition: Volume and weight percent as applied Density of Solvent Coating Density of Solvent													
Identify coatings	Maximi	ım Usage	Usage	So	lids	Solvents (VOCs)	Wa	ter	Exempt	Solvent	Fraction	Coating Density	
	Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	Wt.%	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal.	
Back Coat Solvent based	578	17,597	0		21.948	65.630		12.422		0	5.938	7.93	
Back Coat Aqueous based	827	25,155	0		37.359	0.040		62.601		0	0.010	9.56	
Clear Coat Solvent based	772	23,490	0		12.664	73.998		13.338		0	6.598	7,74	
*** Continued on page APC 9.5b ***													
Total coatings				**		· · · · · · · · · · · · · · · · · · ·							
List the Thinning Solvents used with t	he coatings id	entified above	:				L	<u>i</u>					
(1):				,									
(2):				-							-		
Clean-up solvents:												,	
Other (specify);													
10. Page number: APC 9.5a	Re	evision Numb	er:		! <u>-</u>	Date of Revi	sion: Nover	mber 23, 20	l 21				



163	GENERAL IDENTIFICATION AND DESCRIPTION														
1.	Facility name: Holliston Holdings, I	LLC	-		-4										
2.	Process description: Source 37-000	11-10. Coater	#8 - Woven	and non-wov	en materi	als are surf	ace coated with	water-bas	ed and/or i	solvent-base	d coating	s *** Continued from I	Page APC 9.5e ***		
3.	Year of construction or last modifical	ton: Unknowr	n - No manufa	acturer name	plate ava	ilable	4. Stack	ID or flowe	liagram poii	nt identification	on(s): P2	3F, P24F, P25F, P26F			
	If the emissions are controlled for cor If this printing operation is monitored	npliance, attac	han appropria	te Air Pollutio	n Control:	system form									
5.	Normal operating schedule 24	Hrs./Day		/s/Wk 365			Stration Torth.		···						
6.	Location of this operation in UTM co	ordinates: U	TM Vertical:	82 45 00	_ UTM I-	lorizontal:	36.30.00								
7.	Oven curing (complete if applicable):	N	umber of over	1S: <u>01</u>			rature of air conta	acting coates	l material as	it leaves the	oven (°F);	178 +/- 10%			
	Specify oven fuels: Natural C						Total ma	ximum heat	input to eac	h oven:		10,000,000 BTU	_		
8.	1 Otal maximum neat input to each oven; 10,000,000 B10														
	COADINGS AND SOLVENTIS														
9.	The internal designation of the fitting internal and the comparation of comparatice with emission standard(s).														
	Normal Coating Composition: Volume and weight percent as applied Density of Solvent														
	Identify coatings	Within	an Osuge	Usage	So	lids	Solvents (VOCs)	Wa	ter	Exempt S	olvent	Fraction	Coating Density		
		Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	Wt.%	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal,		
Clea	Coat Aqueous based	942	28,641	0		19,343	1.346		79.311		0	0.570	8.86		
Coat	ing Solvent based	2,346	71,361	0		31.877	55.389		12.734		0	5.200	8.48		
Coat	ing Aqueous based	4,426	134,644	0		55.060	0.311		44.629		0	0.058	10.34		
Tie C	oat Aqueous based	196	5,969	0		57.837	0.255		41.908		0	0.043	9.76		
	Total coatings	****	****	**Cont	inu	ed or	1 form	APC	9.5c	****	***	***			
	List the Thinning Solvents used with t	he coatings id	entified above	:		·			41						
					,										
9 20 - 9					÷										
	Clean-up solvents:														
	Other (specify):														
10.	Page number: APC 9.5b	Re	evision Numb	er:	,		Date of Revis	sion: Nover	nber 23, 20	021					

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TITLE V PERMIT APPLICATION PAINTING AND COATING OPERATIONS

CHRISTIAN COLUMN	GENERAL IDENTIFICATION AND DESCRIPTION											
1. Facility name: Holliston Holdings,	LLC			4	-0		2					
2. Process description: Source 37-000	11-10. Coste	r#8 - Woven	and non-woy	en materi	als are sur	face coated wit	h water-ba	ed and/or s	colvent-bas	ed coeting	s *** Continued from F	Page APC 9 5h ***
3. Year of construction or last modifical	ion: Unknow	n - No manufa	acturer name	plate ava	ilable	4. Stack	ID or flow	liagram poir	nt identificat	ion(s): P2	3F, P24F, P25F, P26F	490740000
If the emissions are controlled for con	npliance, attac	ch an appropria	ite Air Pollutio	n Control	system form)	_				7, 2, 7, 2, 1	
Normal operating schedule 24	If this printing operation is monitored for compliance, please attach the appropriate compliance demonstration form.											
	Days 11.											
	Oven curing (complete if applicable): Number of ovens: 01 Temperature of air contacting coated material as it leaves the oven (°F); 178 +/- 10%											
Specify oven fuels Natural C						Total ma	ax imum hea	input to eac	h oven:		10,000,000 BTU	
8. Application technique and transfer of	holency (%):	Blade		- 8								===-j-lum: 5+
Complete the following table — Attach additional tables as needed — Fill in only the items necessary for data minutes of complete the following table — Attach additional tables as needed — Fill in only the items necessary for data minutes of complete the following table — Attach additional tables as needed — Fill in only the items necessary for data minutes of complete the following table — Attach additional tables as needed — Fill in only the items necessary for data minutes of complete the following table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables as needed — Fill in only table — Attach additional tables — Attach additi												
Attended to the standard of the first standa												
	Maxim	um Usage	Normal		Coating Co	omposition: Vo	lume and w	ight percen	it as applied	1	Density of Solvent	
Identify coatings	Maxilli	um Osage	Usage	So	lids	Solvents (VOCs)	Wa	iter	Exempt	Solvent	Fraction	Coating Density
	Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	Wt.%	Vol.	Wt.	Vol.	Wι	Lbs./Gal.	Lbs./Gal.
Top Coat solvent based	1,222	37,161	0	6	23.749	61,770		14.481		0	5.655	8.17
Top Coat Aqueous based	1,251	38,040	0	8	55.863	0.017		44.120		0	0.003	11.36
Over Print Solvent based	79	2,401	0	\$	7.219	89.313		3.468		0	6.630	7.17
Over Print Aqueous based	79	2,401	0	**	N/A	N/A		N/A		N/A	N/A	N/A
Total coatings	12,718	386,860	0	81								=
List the Thinning Solvents used with t	he coatings id	lentified above					1				<u> </u>	
(1): HM Blend	494	15,026	0		0	84		0		16	5.964	N/A
(2):												
Clean-up solvents: HM Blend	8	243	0		0	84		0		16	5.964	N/A
Other (specify):												
10. Page number: APC 9.5c Revision Number: 1 Date of Revision: November 23, 2021												

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TITLE V PERMIT APPLICATION PAINTING AND COATING OPERATIONS

GENERAL IDENTIFICATION AND DESCRIPTION												
1. Facility name: Holliston Holdings,	LIC.					TION MIND	ALCOHOL I	TOIN		(三年)		
2. Process description: Source 37,000	11-10 Coots	- #44 18/			dala assas		***					
Process description: Source 37-000 Year of construction or last modificate.	ion:	1 #11 - 110981	I ANU ROTHWO	ven mate	nais are su	Mace coated w	ith water-be	ised and/o	solvent-be	seed coatin	igs	
3. Year of construction or last modificat	Unknow	n - No manuf	acturer name	plate data	available	4. Stack		nagram poi	nt identifica	tion(s): P3	4F, P35F, P36F, P37F	, P38F
If this printing operation is monitored	If the emissions are controlled for compliance, attach an appropriate Air Pollution Control system form. If this printing operation is monitored for compliance, please attach the appropriate compliance demonstration form.											
	5. Normal operating schedule 24 Hrs./Day 7 Days/Wk. 385 Days/Yr.											
6. Location of this operation in UTM co	ordinates: U	TM Vertical:	82 45 00	UTME	lorizontal:	36 30 00						
7. Oven curing (complete if applicable):	N	Jumber of ove	ns: <u>02</u>		Tempe	rature of air cont	acting coate	d material as	it leaves th	coven(°F):	210: 150+/-10%	
Specify oven fuels: Natural Gas Total maximum heat input to each oven: 1, 780,000; 1,420,000 RTU												
8. Application technique and transfer ef	ficiency (%):	Blade and/or	Metering Ro	d								,
	COATINGS AND SOEVENTS											
9. Complete the following table - Attack												
Normal Coating Composition: Volume and weight percent as applied Density of Solvent												
Identify coatings	Maximi	um Usage	Usage	So	lids	Solvents (VOCs)	Wa	iter	Exempt	Solvent	Density of Solvent Fraction	Coating Density
	Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	Wt.%	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal.
Back Coat Solvent based	578	17,597	0		21.948	65.630		12.422	-	0	5.938	7.93
Back Coat Aqueous based	827	25,155	0	7	37.359	0.040		62.601		0	0.010	9.56
Clear Coat Solvent based	772	23,490	0	,	12.664	73.998		13.338		0	6.598	7.74
*** Continued on page APC 9.6b ***				1.								
Total coatings												
List the Thinning Solvents used with t	he coatings id	lentified above	:					<u> </u>				
(1):												
(2):												Δ
Clean-up solvents:												
Other (specify):												
10. Page number: APC 9.6a Revision Number: Date of Revision: November 23, 2021												

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TITLE V PERMIT APPLICATION PAINTING AND COATING OPERATIONS

			GENE	RAL IDE	NUIRICA	TION AND D	ES CRIPI	ION			
1 Facility name: Holliston Hole	fings, LLC			i	 -						
Process description: Source:	37-0001-10, Coeter	#11 - Wover	and non-we	ven mate	rials are su	rface coated w	ith water-be	sed and/or	solvent-based	coatings *** Continued from	n Page APC 9.6s ***
3. Year of construction or last mo	odification Unknown	ı - No manufa	acturer name	plate ava	ilable	4. Stack	ID or flowe	liagram poli	nt identification (s	P34F, P35F, P36F, P37	
If the emissions are controlled	for compliance, attac	h an appropria	te Air Pollutio	on Control s	system form	1.			***		
5. Normal operating schedule 24	If this printing operation is monitored for compliance, please attach the appropriate compliance demonstration form.										
	6. Location of this operation in UTM coordinates: UTM Vertical: 82 45 00 UTM Horizontal: 38 30 00										
7. Oven curing (complete if appli	7. Oven curing (complete if applicable): Number of ovens: 02 Temperature of air contacting coated material as it leaves the oven (°F): 210: 150+/-10%										
bpeen) or our racis.											
8. Application technique and tran	ster efficiency (%):	Blade and/or	Metering Ro	d							
COATINGS AND SOLVENTS											
Complete the following table –	Complete the following table - Attach additional tables as needed - Fill in only the items necessary for determination of compliance with emission standard(s).										
	Maximum Usage			1	Coating C	omposition: Vo	lume and we	eight percer	it as applied	Density of Solvent	
Identify coatings	Maximu	im Usage	Usage	So	lids	Solvents (VOCs)	Wa	ıter	Exempt Solv		Coating Density
	Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	W1.%	Vol.	Wt.	Vol. V	Vt. Lbs./Gal.	Lbs./Gal.
Clear Coat Aqueous based	942	28,641	0		19.343	1.346		79.311	0	0.570	8.86
Coating Solvent based	2,346	71,361	0		31.877	55.389		12.734	0	5.200	8.48
Coating Aqueous based	4,426	134,644	0		55.060	0.311		44.629	0	0.058	10.34
Tie Coat Aqueous based	196	5,969	0		57.837	0.255		41.908	0	0.043	9.76
Total coatings	****			ntinu	red o	n form	n APC	9.6	C****	*****	
List the Thinning Solvents used	l with the coatings id	entified above	:								
(1):											
(2):											
Clean-up solvents:				- 1							
Other (specify):											
0. Page number: APC 9.6b Revision Number: Date of Revision: November 23, 2021											

APC 9

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TITLE V PERMIT APPLICATION PAINTING AND COATING OPERATIONS

	GENERAL IDENTIFICATION AND DESCRIPTION											
1 Facility name: Holliston Holdings, I	LLC			E								TAXABLE THE STREET
2. Process description: Source 37-000	1-10 Coate	r #11 - Wover	and non-wo	ven mate	rials are su	rface coated w	ith water-be	nsed and/or	solvent-b	ased coeffin	os *** Continued from	Page APC 0 6h ###
3. Year of construction or last modificat	ion. Unknow	n - No manufa	acturer name	plate ava	ilable	4. Stack	ID or flow	liagram poir	nt identifica	tion(s):	4F, P35F, P36F, P37F	DODE
If the emissions are controlled for con	npliance, attac	ch an appropria	ite Air Pollutic	on Control	system form	1					46, 6306, 6306, 6376	-, P38F
If this printing operation is monitored	forcomplian	ce, please attac	h the appropri	iate compli	ance demon	stration form.						
Normal operating schedule 24 Hrs./Day 7 Days/Wk 385 Days/Yr. Location of this operation in UTM coordinates: UTM Vertical: 82 45 00 UTM Horizontal: 36 30 00												
				_ UTM F								· ·
	1 emperature of air contacting coated material as it leaves the oven (°F): 210; 150±/- 10%											
		Diada andia	Martin Inc. Do.	- 47		Total ma	ax imum heat	input to eac	h oven:		1,780,000; 1,420,000	BTU
Tipping to the confidence and training of	- Pinching (75). Blade and/or Metering Rod											
Complete the following table – Attach additional tables as needed – Fill in only the items necessary for determination of compliance with emission standard(s).												
	Coating Composition: Volume and weight record to a wild											
Identify coatings	Maximi	um Usage	Normal Usage			Solvents					Density of Solvent	Coating Density
tooning,	Gal./Hr.	0.107			lids	(VOCs)	Wa		•	Solvent	Fraction	, , , , , , , , , , , , , , , , , , , ,
		Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	W1.%	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal.
Top Coat solvent based	1,222	37,161	0		23.749	61.770		14.481		0	5.655	8.17
Top Coat Aqueous based	1,251	38,040	0	15	55.863	0.017		44.120		0	0.003	11.36
Over Print Solvent based	79	2,401	0		7.219	89.313		3.468		0	6.630	7.17
Over Print Aqueous based	79	2,401	0		N/A	N/A		N/A		N/A	N/A	N/A
Total coatings	12,718	386,860	0									
List the Thinning Solvents used with the	he coatings id	entified above										
(1): HM Blend	494	15,026	0	#	0	84		0		16	5.964	N/A
(2):												
Clean-up solvents: HM Blend	8	243	0		0	84		0		16	5.964	N/A
Other (specify):	Other (specify):											
0. Page number: APC 9.6c Revision Number: Date of Revision: November 23, 2021												

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TITLE V PERMIT APPLICATION
PAINTING AND COATING OPERATIONS

	· · · · · · · · · · · · · · · · · · ·	9		GENE	RAL IDE	NIFIFICA	TION AND D	ESCRIPT	ION		West of the		
1.	Facility name: Holliston Holdings, I	LLC			4								
2.	Process description: Source 37-000	11-10. Coeter	#15 - Wove	and non-we	ven mater	ials are su	rface costad wi	th water-he	sed costin	ONE.			
3.	Year of construction or last modificat	ion: Unknowr	n - No manufa	acturer name	plate data	available	4. Stack	ID or flow	liagram poir	nt identificati	on(s): P6	2F. P63F	
	If the emissions are controlled for con If this printing operation is monitored	npliance, attac	h an appropria	te Air Pollutio	n Control s	vstem form	1.						
5.	Normal operating schedule 24	Hrs./Day	7 Day	/s/Wk. _385	Days/								
6.	5. Location of this operation in UTM coordinates: UTM Vertical: 82 45 00 UTM Horizontal: 36 30 00												
7.	7. Oven curing (complete if applicable): Number of ovens: 1 Temperature of air contacting coated material as it leaves the oven (°F): 210 +/-10%												
	Specify oven fuels: Natural Gas Total maximum heat input to each oven: 10,000,000 BTU												
8.	Application technique and transfer eff		Blade and/or	Air Knife								-	
-	CO'ATUNGS AND SOLVENTS												
9.	Complete the following table – Attach additional tables as needed – Fill in only the items necessary for determination of compliance with emission standard(s). Coating Composition: Volume and weight percent as applied												
		Maximu	ım Usage	Normal		Coating C		ume and we	ight percer	it as applied		Density of Solvent	C 4: D :
	Identify coatings			Usage	Solids		Solvents (VOCs)	Wa	iter	Exempt S	Solvent	Fraction	Coating Density
		Gal,/Hr.	Gal./Mo.	Gal./Mo.	. Vol. %	Wt. %	Wt.%	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal.
Back	Coat Aqueous based	827	25,155	1,113		37,359	0.040		62.601		0	0.010	9.56
Clea	r Coat Aqueous based	942	28,641	679		19.343	1.346		79.311		0	0.570	8,86
Coat	ing Aqueous based	4,426	134,644	3,200		55.060	0.311		44.629		0	0.058	10.34
Tie	Coat Aqueous based	196	5,969	1,040	5	57.837	0.255		41.908		0	0.043	9.76
	Total coatings *	*****	****	***Cont	inuec	on f	orm APC	9.7b	****	****	***		*
	List the Thinning Solvents used with t	he coatings id	entified above	:					<u> </u>			1	
	(1):						,						
g .					,								
	Clean-up solvents:				· ·								q
	Other (specify):				1								
10.	0. Page number: APC 9.7a Revision Number: Date of Revision: November 23, 2021												

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TITLE V PERMIT APPLICATION PAINTING AND COATING OPERATIONS

GENERAL IDENTIFICATION AND DESCRIPTION												
1. Facility name: Holliston Holdings,			CIPALS	WARE TIVE	ATTIFICA	VUION AIND D	ES CRIPE	IUN		COMPANY DE		
Holliston Holdings,	LLC											
2. Process description: Source 37-000	01-10, Coate	#15 - Wove	n and non-wo	oven mate	rials are s	urface coated wi	th water-be	sed *** C	ontinued fro	m Page A	PC 9.7a ***	
3. Year of construction or last modificat	Unknowi	n - No manuf	acturer name	plate ava	ilable	4. Stack	ID or flowd	iagram poi	nt identifica	tion(s): P3	4F, P35F, P36F, P37F	F, P38F
If the emissions are controlled for con If this printing operation is monitored	npliance, attac l for complianc	ch an appropria ce. please attac	ate Air Pollutio	on Control : iste compli	system form	n.						
5. Normal operating schedule 24												
6. Location of this operation in UTM co				UTMI	Iorizontal:	36.30.00				······································		
7. Oven curing (complete if applicable)	N	umber of ove	ns: <u>01</u>			erature of air conta	acting coated	material as	it leaves th	eoven(°F):	210 +/-10%	
period of the results.												
8. Application technique and transfer ef	ficiency (%):	Blade and/or	Air Knife			10001111	A TITLE OF THE OWN	input to cat	II O VOII.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
				COA	VIINGS	AND SOLVEN	TS		THE PARTY OF			
9. Complete the following table - Attac												
	Normal Coating Composition: Volume and weight percent as applied											
Identify coatings	Maximu	m Usage	Usage	\$0	lids	Solvents	Wa		Exempt		Density of Solvent Fraction	Coating Density
,	Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %		(VOCs)						
				VOI. 76	Wt. %	Wt.%	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal.
Top Coat Aqueous based	1,251	38,040	193		55.863	0.017		44.120		0	0.003	11.36
Mangle Mixture	117	3,560	237		46.000	0.000		54.000		0	0.000	10.00
Tommy Dodd Mixture	120	3,635	242	1	57.031	0.057		42.912		0	0.009	9.17
Over Print Solvent based	79	2,401	0	,	7.219	89.313		3.468		0	6.630	7.17
Total coatings			***Con	tinue	d on	form APC	9.7c	****	****	****	**	
List the Thinning Solvents used with t	he coatings id	entified above	:									
(1):												
(2):												
Clean-up solvents:				- 1								
Other (specify):				,	,							
10. Page number: APC 9.7b Revision Number: Date of Revision: November 23, 2021												

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TITLE V PERMIT APPLICATION PAINTING AND COATING OPERATIONS

				GENE			MON AND D				60.230.18.03		
1.	Facility name: Holliston Holdings, L	I.C.					22021 12137	AS CIGIT I		ART CALLER	9.0		
2.	Process description: Source 37-000	1-10. Coster	r #15 - Wover	and non-we	wen moter	riole are au	rface coated w			## C	et	- D 400 0 T	
3.	Year of construction or last modificati	on:	. Ma	, 6070 1701-470		HOID GIT BU	4. Stack	ID or flowd	iagram poi	nt identificat	ion (s):	n Page APC 9./6 **** 34F, P35F, P36F, P37F	
-	If the emissions are controlled for con	unknowi	n - No manura	to A is Pollutio	plate ava	llable					P3	94F, P35F, P36F, P37F	, P38F
	If this printing operation is monitored	forcomplian	ce, please attac	h the appropri	iate complia	system to m ance demon	i. stration form.						
5.													
6.	6. Location of this operation in UTM coordinates: UTM Vertical: 82 45 00 UTM Horizontal: 36 30 00												
7.													
	Specify oven fuels: Natural Gas Total maximum heat input to each oven: 10,000,000 BTU												
8.	Application technique and transfer eff	iciency (%):	Blade and/or	Air Knife									
	COATINGS AND SOLVENTS												
9.													
				Normal		Coating Co	omposition: Vo	lume and we	ight perce	nt as applied	1	Density of Solvent	
	Identify coatings	Maximi	um Usage	Usage	. So	lids	Solvents (VOCs)	Wa	ter	Exempt	Solvent	Fraction	Coating Density
		Gal./Hr.	Gal./Mo.	Gal./Mo.	Vol. %	Wt. %	Wt.%	Vol.	Wt.	Vol.	Wt.	Lbs./Gal.	Lbs./Gal.
Ove	r Print Aqueous based	79	2.401	0	;	N/A	N/A		N/A		N/A	N/A	N/A
							(117)		14//		1977	N/A	IN/A
					,	:							*
	Total coatings	8.037	244,446	6,704				-					
_	List the Thinning Solvents used with t			-,				<u> </u>					
	4.4.5		T			Ι.			Γ				
	HM BIEHO	3	90	30		0	84		0		16	5.964	N/A
	(2):												
	Clean-up solvents: HM Blend	16	487	487		0	84		0		16	5.964	N/A
	Other (specify):												
10.	0. Page number: APC 9.7c Revision Number: Date of Revision: November 23, 2021												

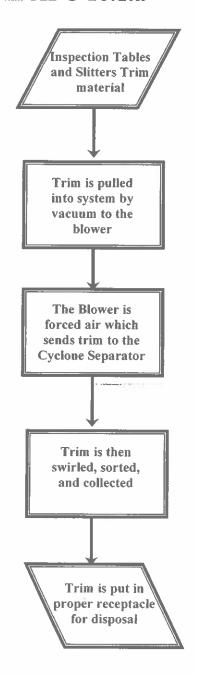
State of Tennessee
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William R. Snodgrass Tennessee Tower
12 Rosa L. Parks Avenue, 15th Floor
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TITLE V PERMIT APPLICATION MISCELLANEOUS PROCESSES

MATERIAL CONTROL OF THE PARTY O	WISCELLANEOUS		
The Court of the C	GENERAL IDENTIFICATION	AND DESCRIPTION	
1 Facility name:	liston Holdings, LLC		
2 Process emission sour SOURCE 37-0001	ce (identify): I-04 - WASTE PAPER TRIM SYSTEM WITH CY	CLONE SEPARATOR	
3 Stack ID or flowdiagra		Year of construction or last modification	20.000
C1W		1964 - Ohio Blowpipe Company	
If the emissions are cor	ntrolled for compliance, attach an appropriate Air Pollution C		
5 Normal operating schee		Days/Yr.	
		ical: 82 45 00 UTMHorizontal:	36 30 00
 Describe this process (F 	Please attach a flow diagram of this process) and check one o	f the following:	
✓ Batch	Continuous		
	PROCESS MATERIAL INP	JT AND OUTPUT	
8. List the types and amou	ints of raw materials input to this process:		
Material	Storage/Material handling process	Average usage (units)	Maximum usage (units)
Finished Material Trim	Trimmings are conveyed by air to the Cyclone	Sep 300 lbs/hr	54,026 lbs/mo
0			
)			
9. List the types and amou	ints of primary products produced by this process:		
Material	Storage/Material handling process	Average usage (units)	Maximum usage (units)
Not Applicable			
10. Process fuel usage:			
Type of fuel	Max heat input (106 BT U/Hr.)	E.	6
	Max heat input (10 B1 O/Hr.)	Average usage (units)	Maximum usage (units)
Not Applicable			
		THE SECOND SECON	
11. List any solvents, cleane	ers, etc., associated with this process:		
Not Applicable	* 1 - 20		
If the emissions and/or a	C.W.		
TI the emissions and/of o	perations of this process are monitored for compliance, please	se attach the appropriate Compliance Den	nonstration form.
 Describe any fugitive en etc. (please attach a separate sl 	nissions associated with this process, such as outdoor storage heet if necessary).	piles, open conveyors, open air sand blas	ting, material handling operations,
Not Applicable			
13. Page number:	Revision Number:	Date of Revision:	
APC 10.1	1		November 23, 2021

Process Chart Paper Trim/Cyclone Separator (Source 37-0001-04) Form APC 10.1.a



PAGE NUMBER:

REVISION NUMBER:

DATE OF REVISION:

APC 10.1.a

-1

November 23, 2021

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TITLE V PERMIT APPLICATION
CONTROL EQUIPMENT - MISCELLANEOUS

1.	Facility name:	TION AND DESCRIPTION
1.		2. Emission source (identify):
	Holliston Holdings, LLC	"Not Applicable" to Holliston Operations
3.	Stack ID or flow diagram point identification (s)	
1994	CONTROL EQUIPM	MENTEDESCRIPTION
4.	Describe the device in use. List the key operating parameters of this device ar	nd their normal operating range (e.g., oressure drop, pas, flow rate, temperature):
))		
5.	Manufacturer and model number (if available):	
6.	Year of installation:	
7.	List of pollutant (s) to be controlled by this equipment and the expected control	of efficiency for each pollutant.
	Póllutant Efficiency	
8.	Discuss how collected material is handled for reuse or disposal.	
9.	If this control equipment is in series with some other control equipment, state a	and specify the overall efficiency.
)p.	Page number: Revision Number:	Date of Revision:
<i>y</i>	APC 11.1	November 23, 2021

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TITLE V PERMIT APPLICATION CONTROL EQUIPMENT - ADSORBERS

635	GENERAL IDENTIFICA	TION AND DE	ESCRIPTION		
1.	Facility name:		ource (identify):		
	Holliston Holdings, LLC	"Not App	licable" to Hollisto	n Operations	
3.	Stack ID or flow diagram point identification (s):			CHEST 400	A
SVE	ADSORRED	DESCRIPTION	Y. COLUMN THE STATE OF THE STAT		
4.	Describe the device in use. List the key operating parameters of this device ar	nd their normal ope	erating range.	A	
5.	Manufacturer and model number (if available):	6.	Year of installation:		
7.	Are you recovering solvent? If the answer is "Yes", please describe				
8.	List of pollutant (s) to be controlled and the expected control efficiency for each	ch pollutant:			
	Pollutant Concentration		Outlet centration	Pollutant Capture	Adsorber
	Gr./ACF PPMV	Gr./ACF	PPMV	Efficiency (%)	Efficiency (%)
		525	4		
9.	If you were required to answer Item #8, please describe how the bed break thro	ough is monitored	or controlled.		
10.	Discuss how collected material is handled for reuse or disposal. Indicate if the	bed material is dis	sposable. Discuss meth	od of disposal or regene	eration method
11.	If this control equipment is in series with some other control equipment, state a	and specify the ove	erall efficiency.		
12	Page number: Revision Number:		Date of Rev	sion:	<u> </u>
1	APC 13.1 1			November 23	, 2021

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TITLE V PERMIT APPLICATION
CONTROL EQUIPMENT - CATALYTIC OR THERMAL OXIDATION

SEE	GENERAL IDENTIFICATI	ON AND DESCRIPTION							
1.	Facility name:	2. Emission source (identify):							
	Holliston Holdings, LLC	"Not Applicable" to Holliston Operations							
_		67 A							
3.	Stack ID or flowdiagram point identification(s):	SWY A							
A SHE	OXIDIZER DE								
4.	Describe the oxidation system in use. List the key operating parameters of this of	device and their normal operating range.							
5.	Manufacturer and model number (if available): 6. Year of installation	on: 7. Type (check one):							
		Catalytic oxidizer							
		Thermal oxidizer							
8.	List of pollutant (s) to be controlled and the expected control efficiency for each	h pollutant.							
	Pollutant Efficiency (%)	Source of data							
	Enticiency (76)	Source of data							
9.	If applicable, discuss how spent catalyst is handled for reuse or disposal.								
10.	Equipment specifications: Catalytic oxidation	Thermal oxidation							
10A.	Minimum operating temperature (°F):	10B. Minimum operating temperature (°F):							
HA.	Type of fuel used	11B. Type of fuel used:							
12.	Type of catalyst used and volume of catalyst used (Ft. '):	12. Not applicable.							
13A.	Maximum fuel use:	13B. Maximum fuel use:							
	Residence time (sec.):	14B. Residence time (sec.):							
15.	If this control equipment is in series with some other control equipment, state and	d specify the overall efficiency.							
16. 1	Page number: Revision Number:	Date of Revision:							
	APC 14.1 1	November 23, 2021							

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TITLE V PERMIT APPLICATION
CONTROL EQUIPMENT - CYCLONES/SETTLING CHAMBERS

E CLE			EATION AND DESCRIPTION								
1.	Facility name:	CONTENT IDENTIFY	2. Emission source (identify):								
	Holliston Holdings, LLC		Source 37-0001-04 - Waste Paper Trim System with Cyclone								
			Control								
3.	Stack ID or flow diagram point identific	ation (s):									
	C1W	actor (3).									
4	Describe the device in the Vistal A	CYCLONE/SETTLING	CHAMBER DESCRIPTION								
"	Describe the device in use List the key of										
	This unit receives chopped trim f		ction tables and slitters.								
	Amount of material blown to cycl	one - 300 lbs./hr									
	Amount of air handled by the cyc	lone - 8,600 cubic ft. per mi	nute								
	This unit has a circular inlet confi	guration that measures 20"	in diameter.								
	Maximum amount of material to t	pe received by this unit is 32	25.5 tons/year.								
	The cyclone separator was manu	factured by Ohio Blow Pipe	Company.								
5.	List of pollutants (s) to be controlled and	the expected control efficiency for	r each pollutant								
	~		· · · · · · · · · · · · · · · · · · ·								
	Pollutant	Efficiency (%)	Source of data								
Parl	ticulates	80%	Vendor information								
	Discount of the second of the										
6.	Discuss how collected material is handled	for reuse or disposal.									
	Collected material is sent to the la	indfill									
7.	Gas flow rate (ACFM):										
	8,600 cubic feet per minute										
8.	If this control equipment is in series with s	some other control equipment state	te and specify the overall efficiency								
	Not Applicable	or organization, state	and appears, the world circumsy								
7											
A	Page number:	Revision Number:	Date of Revision:								
3.57	APC 15.1	1	November 23, 2021								

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TITLE V PERMIT APPLICATION
CONTROL EQUIPMENT - WET COLLECTION SYSTEMS
CENERAL IDENTIFICATION AND DESCRIPTION

690		FION AND DESCRIPTION
1.	Facility name:	2 Emission source (identify):
	Holliston Holdings, LLC	"Not Applicable" to Holliston Operations
_	<u> </u>	
3.	Stack ID or flow diagram point identification (s):	V097 A
	WET COLLECTION S	SYSTEM DESCRIPTION
4.	Describe the device in use. List the key operation parameters of this device at	nd their normal operating range.
// 5.	Manufacturer and model number (if available):	W
٥.		6. Year of installation:
7.	List of pollutant (s) to be controlled and the expected control efficiency for ea	ich pollutant.
	Pollutant Efficiency	(%) Source of data
8.	Discuss how collected material and effluent is handled for reuse or disposal.	
	and entire the material and entire its named to reuse of disposal	
9.	Scrubbing medium (water, sodium hydroxide slurry, etc.):	
	- *************************************	
10.	If this control equipment is in series with some other control equipment, states	and specify the overall efficiency.
/3	Page number: Revision Number:	Deta of Busini
1)	ADC 47.4	Date of Revision:
	APC 17.1	November 23, 2021

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TITLE V PERMIT APPLICATION
CONTROL EQUIPMENT - BAGHOUSES/FABRIC FILTERS

1	GENERAL IDENTIFICATION	ON AND DESCRIPTION
I.	Facility name: 2	Emission source (identify):
	Holliston Holdings, LLC	"Not Applicable" to Holliston Operations
3.	Stack ID or flow diagrams and id-ta-cife ci-	
3.	Stack ID or flow diagram point identification (s)	
kans		
4.	BAGHOUS E/FABRIC *FI Describe the device in use. List the key operating parameters of this device and	LUER DESCRIPTION
	and the service and	ither normal operating range.
11	Manifest Line 1 (2) 2 (2)	
5.	Manufacturer and model number (if available):	6. Year of installation:
7.	List of pollutant(s) to be controlled and the expected control efficiency for each	pollutant (see instructions).
	Pollutant Efficiency (%	Source of data
8.	Dicates heart Alle Note and J. P. H. ac	
0.	Discuss how collected material is handled for reuse or disposal.	
9.	If the bags are coated, specify the material used for coating and frequency of coat	ting
10.	Does the baghouse collect asbestos containing material?	
11.	If "Yes", provide data as outlined in Item 10, Instructions for this form. If this control equipment is in series with some other control equipment, state and	Yes No Specify the overall efficiency.
))	Page number: Revision Number: APC 18.1	Date of Revision: November 23, 2021

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TITLE V PERMIT APPLICATION
COMPLIANCE CERTIFICATION - MONITORING AND REPORTING
DESCRIPTION OF METHODS USED FOR DETERMINING COMPLIANCE

All sources that are subject to 1200-03-09-.02(11) of the Tennessee Air Pollution Control Regulations are required to certify compliance with all applicable requirements by including a statement within the permit application of the methods used for determining compliance. This statement must include a description of the monitoring, recordkeeping, and reporting requirements and test methods. In addition, the application must include a schedule for compliance certification submittals during the permit term. These submittals must be no less frequent than annually and may need to be more frequent if specified by the underlying applicable requirement or the Technical Secretary.

		GENERAL IDENTIFICATION AND DESCRIPTION
1.	Facility name	
).	Process emiss	
	Frocess entits	sion source, fuel burning installation, or incinerator (identify): Source 37-0001-02 - 39 MM Btu/hr Springfield Boiler
	Stack ID or fl	owdiagram point identification(s):
		METRODS OF DETERMINING COMPLIANCE
	This source as (and special o	described under Item #2 of this application will use the following method(s) for determining compliance with applicable requirements perating conditions from an existing permit). Check all that apply and attach the appropriate form(s)
	Con Poll	tinuous Emission Monitoring (CEM) - APC 20 utant(s):
	Emis Poli	ssion Monitoring Using Portable Monitors - APC 21 stant(s):
	Mon Polli	itoring Control System Parameters or Operating Parameters of a Process - APC 22 stant(s):
		itoring Maintenance Procedures - APC 23 stant(s):
	Stack Polk	Testing - APC 24 stant(s):
	Fuel Pollu	Sampling & Analysis (FSA) - APC 25 tant(s):
		rdkeeping - APC 26 tant(s):
	Other Pollu	(please describe) - APC 27 tant(s):
_	Compliance ce	ntification reports will be submitted to the Division according to the following schedule:
	Start date:	July, 2022
	Andevery	6 mo. days thereafter.
	Compliance me	onitoring reports will be submitted to the Division according to the following schedule:
	Start date:	July, 2022
	Andevery	6 mo. days thereafter.
	Page number:	PC 19.1 Revision number: Date of revision: November 23, 2021

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TITLE V PERMIT APPLICATION
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525	GENERAL IDENTIFICATION AND DESCRIP	TION
I.	Facility name: Holliston Holdings, LLC	
2.	Process emission source, fuel burning installation, or incinerator (identify):	Vaste Paper Trim System with Cyclone Control
3.	Stack ID or flowdiagram point identification(s):	vaste Paper I fitti System with Cyclone Control
	and the state of t	
	METHODS OF DETERMINING COMPLIAN	GE
4.	This source as described under I tem #2 of this application will use the following method(s) for determing (and special operating conditions from an existing permit). Check all that apply and attach the appropria	ning compliance with applicable requirements ate form(s)
	Continuous Emission Monitoring (CEM) - APC 20	
	Pollutant(s):	
	Emission Monitoring Using Portable Monitors - APC 21	·
	Pollutant(s):	
		age — e e estado
))	Monitoring Control System Parameters or Operating Parameters of a Process - APC 22 Pollutant(s):	
	Monitoring Maintenance Procedures - APC 23 Pollutant(s):	
	2 Ortalings).	
	Stack Testing - APC 24	 _
	Pollutant(s):	
	Fuel Sampling & Analysis (FSA) - APC 25	
	Pollutant(s):	
	Recordkeeping - APC 26	
	Pollutant(s):	
	Other (please describe) - APC 27 Pollutant(s):	
5.	Compliance certification reports will be submitted to the Division according to the following schedule:	
	Start date: July, 2022	
	6 mg	
5.	And every days thereafter. Compliance monitoring reports will be submitted to the Division according to the following schedule:	
	Start date: July, 2022	
	6 mg	
)—	And every days thereafter. Page number: Revision number:	Poto of revision
	APC 19.2	Date of revision:

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TITLE V PERMIT APPLICATION
COMPLIANCE CERTIFICATION - MONITORING AND REPORTING
DESCRIPTION OF METHODS USED FOR DETERMINING COMPLIANCE

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equirement of	the Technical Secretary.	
	GENERAL IDENTIFICATION AND DESCRIPTION	
l. Facility na	Ame: Holliston Holdings, LLC	
	mission source, fuel burning installation, or incinerator (identify): Source 37-0001-10 - Coating Operations v	with Drying Ovens
. Stack ID o	or flowdiagram point identification(s): P12F, P13F, P14F	
	METHODS OF DETERMINING COMPLIANCE	
This source (and special	ce as described under Item #2 of this application will use the following method(s) for determining compliance with applications all operating conditions from an existing permit). Check all that apply and attach the appropriate form(s)	olicable requirements
C P	Continuous Emission Monitoring (CEM) - APC 20 Pollutant(s):	
E P	Emission Monitoring Using Portable Monitors - APC 21 Pollutant(s):	
M P	Monitoring Control System Parameters or Operating Parameters of a Process - APC 22 Pollutant(s):	
	Monit oring Maintenance Procedures - APC 23 Collut ant(s):	
	tack Testing - APC 24 follutant(s):	
Fu Po	uel Sampling & Analysis (FSA) - APC 25 ollutant(s):	
	ecordkeeping - APC 26 ollutant(s):	
	other (please describe) - APC 27	
Compliance	e certification reports will be submitted to the Division according to the following schedule:	
Start date:	July, 2022	
And every	6 mo. days thereafter.	
Compliance	e monitoring reports will be submitted to the Division according to the following schedule:	
Start date:	July, 2022	
Andevery	6 mo. days thereafter.	
Page numbe		rember 23, 2021

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TITLE V PERMIT APPLICATION
COMPLIANCE CERTIFICATION - MONITORING AND REPORTING
DESCRIPTION OF METHODS USED FOR DETERMINING COMPLIANCE

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Signal Control	GENERAL IDENTIFICATION AND DESCRIPTION	
	Facility name: Holliston, LLC	
	Process emission source, fuel burning installation, or incinerator (identify): Source 37-0001-12 - 29.41 MM Btu/h	nr York-Shipley Roiler
	Stack ID or flow diagram point identification(s):	in Tork Ompley Boiler
-		ith applicable requirements
	(and special operating conditions from an existing permit). Check all that apply and attach the appropriate form(s)	it ii appricatiie requirements
	Continuous Emission Monitoring (CEM) - APC 20	
	Pollutant(s):	
	Emission Mandaina Heina Partitle Marian and Docat	
	Emission Monitoring Using Portable Monitors - APC 21 Pollutant(s):	
	Monitoring Control System Parameters or Operating Parameters of a Process - APC 22 Pollutant(s):	
	Tottwant(s).	
	Monitoring Maintenance Procedures - APC 23	
	Pollutant(s);	
	Stack Testing - APC 24 Pollutant(s):	
	Fuel Sampling & Analysis (FSA) - APC 25	<u> </u>
	Pollutant(s):	
	Recordkeeping - APC 26	
	Pollutant(s):	
	Other (please describe) - APC 27 Pollutant(s):	
	Compliance certification reports will be submitted to the Division according to the following schedule: Start det s: July, 2022	.Miss (776.6 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	State date.	
	And every 6 mo. days thereafter.	
	Compliance monitoring reports will be submitted to the Division according to the following schedule:	
	Start date: July, 2022	
	Andevery 6 mo. days thereafter.	
	Page number: Revision number: Date of revision	October 06, 2014

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TITLE V PERMIT APPLICATION
COMPLIANCE CERTIFICATION - MONITORING AND REPORTING
DESCRIPTION OF METHODS USED FOR DETERMINING COMPLIANCE

All sources that are subject to 1200-03-09-02(11) of the Tennessee Air Pollution Control Regulations are required to certify compliance with all applicable requirements by including a statement within the permit application of the methods used for determining compliance. This statement must include a description of the monitoring, recordkeeping, and reporting requirements and test methods. In addition, the application must include a schedule for compliance certification submittals during the permit term. These submittals must be no less frequent than annually and may need to be more frequent if specified by the underlying applicable requirement or the Technical Secretary.

100	quirement of th	ne i centical secretary.	
700		GENERAL IDENTIFICATION AND DESCRIPTION	
Ι.		Holliston, LLC	
2.	Process emis	ssion source, fuel burning installation, or incinerator (identify): Source 37-0001-16 - Eight (8) each, 0.8	MM Btu/hr Tenter Ovens
3.	Stack ID or f	flow diagram point identification(s):	
		METHODS OF DETERMINING COMPLIANCE	
4.	This source a (and special c	as described under Item #2 of this application will use the following method(s) for determining compliance with a operating conditions from an existing permit). Check all that apply and attach the appropriate form(s)	pplicable requirements
	Con	ntinuous Emission Monitoring (CEM) - APC 20 Hutant(s):	
	Emi Poll	aission Monitoring Using Portable Monitors - APC 21 Ilutant(s):	
))	Mor Poll	unitoring Control System Parameters or Operating Parameters of a Process - APC 22	
		nitoring Maintenance Procedures - APC 23 lutant(s):	
		ck Testing - APC 24 lutant(s):	
	Fuel Poli	I Sampling & Analysis (FSA) - APC 25 lutant(s):	
		ordkeeping - APC 26 lutant(s):	
		er (please describe) - APC 27 utant(s):	
5.	Compliance co	entification reports will be submitted to the Division according to the following schedule:	
	Start date:	July, 2022	
	Andevery	6 mo. days thereafter.	
6.	Compliance m	nonitoring reports will be submitted to the Division according to the following schedule:	
	Start date:	July, 2022	
	Andevery	6 mo. days-thereafter.	~~a~= 5-
2	Page number:	APC 19.5 Revision number: Date of revision:	ctober 06, 2014

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TITLE V PERMIT APPLICATION
COMPLIANCE DEMONSTRATION BY CONTINUOUS EMISSIONS MONITORING

15%		GENERAL IDEN		ND DESCRIPTIO	N N
1.	Facility name: Holliston Holdings, LLC				A A
2.	Stack ID or flowdiagram point identifi	cation(s):			or fuel burning installation or incinerator Holliston Operations
E S		MOI	VITOR DESCR	PTION	
4.	Descript ion of equipment monitoring p		eing monitored:	4	
	4A. Name of Manufacturer:	***		4B. Model num	ber:
		Type:	Extractive	Dilution	Other (Specify):
	4E. Describe how the monitor works:	A			
))	Description of equipment monitoring d	- 400	ng monitored:		
	5A. Name of manufacturer;	AV	***************************************	5B. Model num	ber:
		Type:	Extractive	02	Other (Specify):
	5E. Describe how the monitor works:				
6.	Description of equipment monitoring fl	A. C.	flow(DSCFM):	0/100	
	6A. Name öffmänufäcturer:		_	6B. Model num	ber:
		Type: Differential pres		Thermal	Other (Specify):
7.	Opacity (or use of visible emission eval 7A. Indicate which is used. Monitor	uations in lieu of opacity m Visible emission eva		procedu	sible emission evaluation" choice, res will be specified as a condition in the coperating permit.
	7B. Opacity monitor (state the name of	fmanufacturer, model num	per, and year of ins	allation):	
)	Page number: APC 20.1	Revision Numbe	п 1	Da	nte of Revision: November 23, 2021

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TITLE V PERMIT APPLICATION
COMPLIANCE DEMONSTRATION BY PORTABLE MONITORS

	GENERAL IDENTIFICATION AND DESCRIPTION
1.	Facility name:
	Holliston Holdings, ŁLC
2.	Stack ID or flowdiagram point identification(s): 3. Process emission source (identify): 4. Pollutant(s) being monitored: "Not Applicable" to Holliston Operations
	MONITOR DESCRIPTION
5.	Name of manufacturer (if available): 6. Model number (if available):
7.	Type: In situ Extractive Dilution Other (specify):
1	Describe howmonitor works.
	Compliance demonstration frequency (specify the frequency with which compliance will be demonstrated):
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TITLE V PERMIT APPLICATION - COMPLIANCE DEMONSTRATION BY

Th	e monitoring of a control system i	TROL SYSTEM PARAM parameter or a process parameter shall be of a particular pollutant is establish	he accentable as a comp	ERATING PARAMETERS OF A PROCESS liance demonstration method provided that a correlation between the
500		GENERAL IDEN	FIFICATION AND D	ESCRIPTION
1.	Facility name:			O or flow diagram point identification(s)
	Holliston Holdings, LLC		1772	
3.	Emission source:			
	"Not Applicable" to Hollis	on Operations		
68		MONIT	ORING DESCRIPTI	ON
1	Pollutant(s) being monitored:			ter value and the emission rate of a particular pollutant
	Compliance demonstration frequ	ency (specify the frequency with wh	ich compliance will be de	monstrated):
	Page number:	Revision number:		Date of revision:
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	COMPLIANCE DE	TITLE V PERMIT AF	PPLICATION ORING MAINTENANCE PROCEDURES
Ti	The monitoring of a maintenance procedure mission rate of a particular pollutant is esta	re shall be acceptable as a compliance demor	estration method provided that a correlation between the procedure and the
		GENERAL IDENTIFICATION	AND DESCRIPTION
1	Facility name: Holliston Holdings, LLC		
2	Stack ID or flow diagram point identification	cation(s)	
3	Emission source (identify):		
	Source 37-0001-04 - Waste F	aper Trim System with Cyclone Conti	rol
4	Pollutant(s) being monitored	MONFTORING DESC	RIPTION
4	Particulates		
5	Procedure being monitored: Maintenance records for the cyc	xlone control device	
rep	A summary of maintenance for erformed and what days the work was eporting in accordance with the permanent	the cyclone equipment is compiled on as conducted. The monthly summary nit.	procedure and the emission rate of a particular pollutant: a monthly basis denoting what maintenance/repair was y of maintenance log entries is included in the semiannual k C1W, the cyclone must be in operation whenever the paper
Сус	clone maintenance logsheet is atta	ached.	
	Compliance demonstration frequency (s Monthly	pecify the frequency with which compliance w	rill be demonstrated)
	Page number:	Revision number:	Date of revision.

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TITLE V PERMIT APPLICATION
COMPLIANCE DEMONSTRATION BY STACK TESTING

T	ne performance of an appropriate EPA stack test method for demonstrating compliance with an emission limitation has always been acceptable. EPA test methods nat an inquality assurance procedures that shall be strictly adhered to by the source.
Petros	
100	GENERAL IDENTIFICATION AND DESCRIPTION
1.	Facility name: Holliston Holdings, LLC
2.	Stack ID or flowdiagram point identification(s):
3.	Emission source (identify):
	"Not Applicable" to Holliston Operations
	STACK TESTING DESCRIPTION
4.	Pollutant(s) being monitored: Test method:
6.	Compliance demonstration frequency (specify the frequency with which compliance will be demonstrated):
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TITLE V PERMIT APPLICATION
COMPLIANCE DEMONSTRATION BY FUEL SAMPLING AND ANALYSIS

360	GENERAL IDENTIFICAT	TION AND DESCRIPTION
1.	Facility name:	2. Stack ID or flow diagram point identification(s):
	Holliston Holdings, LLC	F2M
		1
3.	Emission source (identify):	
	Source 37-0001-02 - 39 MM Btu/hr Springfield Boiler	
	Course of Cool of Cool of Cool with Blanti Springheld Boller	
883	MONITORING THROUGH FU	EL SAMPLING AND ANALYSIS
4	Pollutant(s) being monitored:	
	Sulfur Content	
5	Fuel being sampled:	
	Fuel oils	
	Fuer ons	
6.	List the fuel sample collecting and analyzing method used (if an AST M method	nod is not applicable, propose a method acceptable to the Technical Secretary).
		, , , , , , , , , , , , , , , , , , ,
* S	upplier analyzes all incoming loads of fuel oil	
))_	mate dalling and land of the control	
ana	ach delivered load of oil is analyzed for sulfur content (ASTM D4 lyses.	4294) before it is supplied, and the supplier provides a record of the
alla	79565.	
		930 - 6 0 ×4 8 3
7.	Compliance demonstration frequency (specify the frequency with which comp	pliance will be demonstrated):
	per each load delivered	
1	Page number: Revision number:	Date of revision:
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TITLE V PERMIT APPLICATION
COMPLIANCE DEMONSTRATION BY FUEL SAMPLING AND ANALYSIS

	GENERAL IDENTIFICAT	ION AND DESCRIPTION
1. Facility name:		2. Stack ID or flow diagram point identification(s):
Holliston Holdings, LLC		F1M
3. Emission source (identify):		
Source 37-0001-12 - 29.4 i	MM Btu/hr York-Shipley Boiler	
	MONITORING THROUGH FUE	EL SAMPLING AND ANALYSIS
4. Pollutant(s) being monitored:		
Sulfur Content		
5. Fuel being sampled:		
Fuel oils		
6. List the fuel sample collecting and	analyzing method wood (if an AST) A week	od is not applicable, propose a method acceptable to the Technical Secretary).
2.00 the fact sample concerning and	analyzing mentod used (II all AST M metric	ou is not applicable, propose a method acceptable to the Technical Secretary).
* Supplier analyzes all incoming	loads of fuel oil	
i)		
MEach delivered load of oil is ana analyses.	alyzed for sulfur content (ASTM D4	294) before it is supplied, and the supplier provides a record of the
analyses.		
	10	
	cy (specify the frequency with which comp	liance will be demonstrated):
per each load delivered		
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TITLE V PERMIT APPLICATION COMPLIANCE DEMONSTRATION BY RECORDKEEPING

	GENERA	L IDENTIFICATION	NAND DESCRIPTION
	Facility name:	2.	Stack ID or flow diagram point identification(s)
	Holliston Holdings, LLC		F2M
	*	ŀ	
_	Emission source (identify):		
	Source 37-0001-02 - 39 MM Btu/hr Springfie	ld Boiler	
	oblinging	la bolici	
_			
Ę	MONTOR	NG AND RECORDE	EEPING DESCRIPTION
	Pollutant(s) or parameter being monitored:		
	PM(TSP), SO2, NOx, VOC (excluding methan	e)	
	_	,	
	Material or parameter being monitored and recorded		
	Usage of Natural Gas		
	Method of monitoring and recording:		
			ting emissions of PM, SO2, NOx, and VOC from combustion
	Compliance demonstration frequency (specify the frequency	ev with which compliance	will be demonstrated)
	Compliance demonstration frequency (specify the frequer	ey with which compliance	will be demonstrated);
	Compliance demonstration frequency (specify the frequency Monthly	ey with which compliance	will be demonstrated)
		cy with which compliance	will be demonstrated)
	Monthly		
	Monthly	ey with which compliance	will be demonstrated) Date of revision: November 23, 2021

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TITLE V PERMIT APPLICATION COMPLIANCE DEMONSTRATION BY RECORDKEEPING

rec	cordkeeping shall be acceptable as a compliance demonstratio juirement is established	on method provided that a correlation between the parameter value recorded and the applicable
		DENTIFICATION AND DESCRIPTION
]	Facility name Holliston Holdings, LLC	Stack ID or flow diagram point identification(s) Multiple stacks (see Stack Locations Drawing)
3	Emission source (identify) Source 37-0001-10 - Coating Operations with Dry	ying Ovens
16	MONITORING	AND RECORDKEEPING DESCRIPTION
4	Pollutant(s) or parameter being monitored: VOC, HAPs emissions	
5	Material or parameter being monitored and recorded Quantity of VOC and HAPs contained within the ap	oplied coating formulations
6.	Method of monitoring and recording	
7.	Compliance demonstration frequency (specify the frequency wit Monthly Page number: Revision num	
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TITLE V PERMIT APPLICATION COMPLIANCE DEMONSTRATION BY RECORD KEEPING

req	uirement is established.	ided t	d that a correlation between the parameter value recorded and the applicable
3 %	GEÑERAL IDENTIFICAT	TION	DN: AND DESCRIPTION
I.	Facility name Holliston Holdings, LLC	2	
3	Emission source (identify)		
	Source 37-0001-12 - 29.41 MM Btu/hr York-Shipley Boiler		
	MONITORING AND RECOR	PINKT	KEFPING DESCRIPTION
4.	Pollutant(s) or parameter being monitored:		MEDITATION DESCRIPTION
	PM(TSP), SO2, CO, NOx, VOC (excluding methane)		
5.	Material or parameter being monitored and recorded		
	Usage of Natural Gas		
6.	Method of monitoring and recording:		
Hol In	liston uses recordkeeping procedures to verify compliance by cal nbustion of natural gas in the boiler. The calculation methodology	culat y is d	lating emissions of PM, SO2, CO, NOx, and VOC from described in APC 26 Attachment IV.
7	Compliance demonstration frequency (specify the frequency with which compl Monthly	iance	ce will be demonstrated)
)	Page number: Revision number: APC 26.3		Date of revision:
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TITLE V PERMIT APPLICATION
COMPLIANCE DEMONSTRATION BY RECORDKEEPING

Re	ecordkeeping shall be acceptable as a compliance demonstration method prov quirement is established.	rided that a correlation between the parameter value recorded and the applicable
		TION AND DESCRIPTION
1	Facility name Holliston Holdings, LLC	Stack ID or flow diagram point identification(s) P80F
3	Emission source (identify) Source 37-0001-16 - Eight (8) each, 0.8 MM Btu/hr Tenter Dry	ying Ovens
	MONITORING AND RECOR	RDKEEPING DESCRIPTION
4	Pollutant(s) or parameter being monitored	
	PM, NOx, and SO2	
5.	Material or parameter being monitored and recorded	
	Natural gas used (maximum throughput)	
6.	Method of monitoring and recording	
ali	lliston uses maximum natural gas fuel throughput and AP-42 emis culation methodology is described in APC 26 Attachment V.	Saloti factors to calculate PW, SOZ, and NOX ethissions. The
7.	Compliance demonstration frequency (specify the frequency with which compliance) Annually	liance will be demonstrated):
۹.	Page number: Revision number:	Date of revision:
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TITLE V PERMIT APPLICATION COMPLIANCE DEMONSTRATION BY OTHER METHOD(S)

	GENERAL IDENTIFICATION AND DESCRIPTION			
1.	Facility name:	2 Stack ID or flow diagram point identification(s):		
l	Holliston Holdings, LLC			
3.	Emission source (identify):			
	"Not Applicable" to Holliston Operations			
or appealed.				
4.	Pollutant(s) or parameter being monitored:	DESCRIPTION		
7	ontain(s) or parameter being monitored.	And the second s		
5.	Description of the method of monitoring:			
٥.	Description of the method of thomas ing,			
7		*97		
	AS W			
	As All San Control of the Control of			
	Allen The			
	30			
6.	Compliance demonstration frequency (specify the frequency with which comp	liance will be demonstrated):		
	with which comp	nume win to demonstrated).		
7.	Page number: Revision number:	Date of revision:		
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TITLE V PERMIT APPLICATION

EMISSIONS FROM PROCESS EMISSION SOURCE / FUEL BURNING INSTALLATION / INCINERATOR

/	GENERAL	IDENTIFICATION AND I	DESCRIPTION	
I Facility name:		2 Stack I	Dor flow diagram point identificat	ion(s):
Holliston Holdings,	LLC	F2M		
3 Process emission source	ce / Fuel burning installation / Incine	rator (identify):		
Source 37-0001-02	2 - 39 MM Btu/hr Springfield	Boiler		
	EMISSIONS SUMMAR	Y TABLE - CRITERIA AN	D FUGITIVE EMISSIONS	
4 Complete the following	g emissions summary for regulated a	ir pollutants. Fugitive emissions	shall be included. Attach calculation	ons and emission factor references
	Maximum Allo	wable Emissions	Actual	Emissions
Air Pollutant	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State use (Pounds per Hour- Item 8, APC 30)
	N/A		N/A	
Particulate Matter (TSP)	N/A		0.052	
(Fugitive Emissions)	N/A		N/A	
dfur Dioxide	39.0		0.0051	
(Fugitive Emissions)	N/A		N/A	
Volatile Organic Compounds	N/A		0.023	
(Fugitive Emissions)	N/A		N/A	
Carbon Monoxide	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Lead	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Nitrogen Oxides	N/A		1.79	
(Fugitive Emissions)	N/A		N/A	
Total Reduced Sulfur	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	

(Continued on next page)

Мегсигу

(Fugitive Emissions)

N/A

N/A

N/A

N/A

(, Continued from last page)					
AIR POLLUTANT	Maximum Al	lowable Emissions	Actual Emissions		
	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State use (Pounds per Hour- Item 8, APC 30)	
Asbestos	N/A		N/A		
(Fugitive Emissions)	N/A		N/A		
Beryllium	N/A		N/A		
(Fugitive Emissions)	N/A		N/A		
Vinyl Chloride	N/A		N/A		
(Fugitive Emissions)	N/A		N/A		
Fluorides	N/A		N/A		
(Fugitive Emissions)	N/A		N/A		
Gaseous Fluorides	N/A		N/A		
Fugitive Emissions)	N/A		N/A		
Greenhouse Gases n CO ₂ Equivalents	N/A		1092		
)					

EMISSIONS SUMMARY TABLE - FUGITIVE: HAZARDOUS AIR POLLUTANTS

Complete the following emissions summary for regulated air pollutants that are hazardous air pollutant(s). Fugit ive emissions shall be included. Attach calculations and emission factor references.

Commission representation of	Maximum A	Allowable Emissions	Acrual Emissions	
Air Pollutant & CAS	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State use (Pounds per Hour- Item 8, APC 30)
	N/A		N/A	
Page number:	Revision number		Data of revision	

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TITLE V PERMIT APPLICATION
EMISSIONS FROM PROCESS EMISSION SOURCE / FUEL BURNING INSTALLATION / INCINERATOR

	GENERAL	IDENTIFICATION	AND DI	ESCRIPTION			
Facility name:		2.	Stack ID	or flow diagram point identificati	on(s):		
Holliston Holdings,	LLC		C1W				
3. Process emission source	ce / Fuel burning installation / Incine	rator(identify);					
	- Waste Paper Trim System		ol				
	EMISSIONS SUMMAR	Y TABLE - CRITERI	A AND	FUGITIVE EMISSIONS			
4. Complete the following	g emissions summary for regulated a	ir pollutants. Fugit ive en	issions sh	nall be included. Attach calculatio	ns and emission factor references.		
	Maximum Allo	wable Emissions		Actual E	Emissions		
Air Pollutant	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)		Tons per Year	Reserved for State use (Pounds per Hour- Item 8, APC 30)		
	N/A			N/A			
Particulate Matter (TSP)	N/A			2.0			
(Fugitive Emissions)	N/A			N/A			
alfur Dioxide	N/A			N/A			
(Fugitive Emissions)	N/A		₩.	N/A			
Volatile Organic Compounds	N/A			N/A			
(Fugitive Emissions)	N/A			N/A			
Carbon Monoxide	N/A			N/A			
(Fugitive Emissions)	N/A			N/A			
Lead	N/A			N/A			
(Fugitive Emissions)	N/A			N/A			
Nitrogen Oxides	N/A			N/A			
(Fugitive Emissions)	N/A			N/A			
Total Reduced Sulfur	N/A			N/A			
(Fugitive Emissions)	N/A			N/A			
Мегсигу	N/A			N/A			
(Fugitive Emissions)	N/A			N/A			

(Continued on next page)

		(Continued from last page)		Arc
	Maximum Al	lowable Emissions	Actual Emissions	
AIR POLLUTANT	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State use (Pounds per Hour- Item 8, APC 30)
Asbestos	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Beryllium	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Vinyl Chloride	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Fluorides	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Gascous Fluorides	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Greenhouse Gases in CO ₂ Equivalents	N/A		N/A	
1				

EMISSIONS SUMMARY TABLE - FUGITIVE HAZARDOUS AIR POLLUTANTS Complete the following emissions summary for regulated air pollutants that are hazardous air pollutant(s). Fugitive emissions shall be included. Attach calculations and emission factor references.

Air Pollutant & CAS	Maximum Allowable Emissions -		Actual Emissions	
	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State use (Pounds per Hour- Item 8, APC 30)
	N/A		N/A	
	N/A		N/A	
	N/A	-	N/A	
	N/A		N/A	
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TITLE V PERMIT APPLICATION

EMISSIONS FROM PROCESS EMISSION SOURCE / FUEL BURNING INSTALLATION / INCINERATOR

- GENERAL IDENTIFICATION AND DESCRIPTION Facility name: Stack ID or flow diagram point identification(s): Holliston Holdings, LLC Multiple Stacks (See Stack Locations Drawing)
- Process emission source / Fuel burning installation / Incinerator (identify): Source 37-0001-10 - Coating Operations with Drying Ovens

EMISSIONS SUMMARY TABLE - CRITERIA AND FUGITIVE EMISSIONS

Complete the following emissions summary for regulated air pollutants. Fugitive emissions shall be included Attach calculations and emission factor references

	Maximum Allo	owable Emissions	Actual	Emissions
Air Pollutant	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State use (Pounds per Hour- Item 8, APC 30)
	N/A		N/A	
Particulate Matter (TSP)	N/A		0.76	
(Fugitive Emissions)	N/A		N/A	
ıl fur Dioxide	N/A		0.074	
Fugitive Emissions)	N/A		N/A	
Volatile Organic Compounds	N/A		78.5	
Fugitive Emissions)	N/A		N/A	
Carbon Monoxide	N/A		N/A	
Fugitive Emissions)	N/A		N/A	
.ead	N/A		N/A	
Fugitive Emissions)	N/A		N/A	
litrogen Oxides	N/A		17.2	
Fugitive Emissions)	N/A		N/A	
otal Reduced Sulfur	N/A		N/A	
Fugitive Emissions)	N/A		N/A	
fercury	N/A		N/A	
Fugitive Emissions)	N/A		N/A	

		(Continued from last page)		APC
	Maximum All	lowable Emissions	Actual Emissions	
AIR POLLUT ANT	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State use (Pounds per Hour- Item 8, APC 30)
Asbestos	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Beryllium	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Vinyl Chloride	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Fluorides	N/A		N/A	
Fugitive Emissions)	N/A		N/A	
Gaseous Fluorides	N/A		N/A	
Fugitive Emissions)	N/A		N/A	
Greenhouse Gases n CO ₂ Equivalents	N/A		2,067	

EMIS SIONS SUMMARY TABLE - FUGITIVE HAZARDOUS AIR POLICITANTS

Complete the following emissions summary for regulated air pollutants that are hazardous air pollutant(s). Fugitive emissions shall be included. Attach calculations and emission factor references.

	Maximum A	Allowable-Emissions · · · · ·	Act ua	d Emissions
Air Pollutant & CAS	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State use (Pounds per Hour- Item 8, APC 30)
Toluene (CAS# 108-88-3)	N/A		75.4	
Methanol (CAS# 67-56-1)	N/A		0.02	
MIBK (CAS# 108-10-1)	N/A		0.27	
	N/A		N/A	
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TITLE V PERMIT APPLICATION

EMISSIONS FROM PROCESS EMISSION SOURCE / FUEL BURNING INSTALLATION / INCINERATOR

	GENERAL	IDENTIFICATION AND D	ESCRIPTION	
1. Facility name:		2. Stack II	or flowdiagram point identificat	tion(s)
Holliston Holdings,	LLC	F1M		
3 Process emission sour	ce/Fuel burning installation/Incine	erator (identify):		
	2 - 29.41 MM Btu/hr York-Sh			
	EMISSIONS SUMMAR	Y TÄBLE – CRITERIÄ ANI	FUGITIVE EMISSIONS	
4. Complete the followin	g emissions summary for regulated	air pollutants. Fugitive emissions s	hall be included. Attach calculation	ons and emission factor references
A. D. H.	Maximum Allo	wable Emissions	Actual	Emissions
Air Pollutant	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State use (Pounds per Hour- Item 8, APC 30)
	N/A		N/A	
Particulate Matter (TSP)	N/A		0.04	
(Fugitive Emissions)	N/A		N/A	
ulfur Dioxide	39.16		0.004	
(Fugitive Emissions)	N/A		N/A	
Volatile Organic Compounds	N/A		0.035	
(Fugitive Emissions)	N/A		N/A	
Carbon Monoxide	N/A		0.5331	
(Fugitive Emissions)	N/A		N/A	
Lead	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Nitrogen Oxides	N/A		0.317	
(Fugitive Emissions)	N/A		N/A	
Total Reduced Sulfur	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Mercury	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	

(Continued on next page)

		(Continued from last page)		
	Maximum Al	lowable Emissions	Actual Emissions	
AIR POLLUT ANT	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State us (Pounds per Hour- Item 8, APC 30)
Asbestos	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Beryllium	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Vinyl Chloride	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Fluorides	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Gaseous Fluorides	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Greenhouse Gases in CO ₂ Equivalents	N/A		823	
· ·			-	

EMISSIONS SUMMARY TABLE - FUGITIVE HAZARDOUS AIR POLLUTANTS Complete the following emissions summary for regulated air pollutants that are hazardous air pollutant(s). Fugitive emissions shall be included. Attach calculations and emission factor references.

the state of the s	Maximum #	Allowable Emissions	Actual Emissions	
Air Pollutant & CAS	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State use (Pounds per Hour- Item 8, APC 30)
Toluene (CAS# 108-88-3)	N/A		75.4	
Methanol (CAS# 67-56-1)	N/A		0.02	
MIBK (CAS# 108-10-1)	N/A		0.27	
	N/A		N/A	
Page number:	Revision number		Date of revision	

APC 28.4

1

November 23, 2021

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TITLE V PERMIT APPLICATION

EMISSIONS FROM PROCESS EMISSION SOURCE / FUEL BURNING INSTALLATION / INCINERATOR GENERAL IDENTIFICATION AND DESCRIPTION I. Facility name: Stack ID or flow diagram point identification(s): Holliston Holdings, LLC P80F

Process emission source / Fuel burning installation / Incinerator (identify): Source 37-0001-16 - Eight (8) each, 0.8 MM Btu/hr Tenter Drying Ovens

e the following emissions summary for regulated air william	
e the following emissions summary for regulated air pollutants	- CRITERIA AND FUGITIVE EMISSIONS
sometimes constitute summary for regulated air pollutants	Fugitive amissis and Wil

Complete the following emissions summary for regulated air pollutants. Fugitive emissions shall be included. Attach calculations and emission factor references.

		air pollutants. Fugit ive emissions sh	and moraged. Attachicalculati	ions and emission factor reference
Air Pollutant	Maximum All	owable Emissions		Emissions
	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State use (Pounds per Hour-
	N/A		N/A	Item 8, APC 30)
Particulate Matter (TSP)	N/A		0.077	
(Fugitive Emissions)	N/A			
Ufur Dioxide	39.0		N/A	
(Fugitive Emissions)			0.007	
Volatile Organic	N/A		N/A	
Compounds	15.0		0.033	
(Fugitive Emissions)	N/A		N/A	
Carbon Monoxide	N/A			
(Fugitive Emissions)	N/A		N/A	
Lead	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Vitrogen Oxides			N/A	
	N/A		1.718	
Fugitive Emissions)	N/A		N/A	
otal Reduced Sulfur	N/A		N/A	
Fugitive Emissions)	N/A			
fercury	N/A		N/A	
Fugitive Emissions)	N/A		N/A	
		(Continued on next page)	N/A	

		(Continued from last page)		APC28
AIR POLLUTANT	Maximum Al	lowable Emissions	Actual	Emissions
, ,	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State use (Pounds per Hour- Item 8, APC 30)
Asbestos	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Beryllium	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Vinyl Chloride	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Fluorides	N/A		N/A	
(Fugitive Emissions)	N/A			
Gaseous Fluorides	N/A		N/A	
(Fugitive Emissions)	N/A		N/A	
Greenhouse Gases in CO ₂ Equivalents	N/A		N/A 0	
1				
	SCIONS STREET			

EMISSIONS SUMMARY TABLE - FUCITIVE HAZARDOUS AIR POLLUTANTS Complete the following emissions summary for regulated air pollutants that are hazardous air pollutant(s). Fugitive emissions shall be included. Attach calculations and emission factor references.

Air Pollutant & CAS	Maximum A	Illowable Emissions——	Actual Emissions	
···· · · · · · · · · · · · · · · · · ·	Tons per Year	Reserved for State use (Pounds per Hour - Item 7, APC 30)	Tons per Year	Reserved for State use (Pounds per Hour- Item 8, APC 30)
	N/A		N/A	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	N/A		N/A	
·	N/A	-	N/A	
	N/A		N/A	
	N/A		N/A	
	N/A		N/A	
Page number: APC 28.5	Revision number:		Date of revision	

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TITLE V PERMIT APPLICATION EMISSION SUMMARY FOR THE FACILITY OR FOR THE

SOURCES CONTAINED IN THIS APPLICATION GENERAL IDENTIFICATION AND DESCRIPTION

Facility name: Holliston I	Holdings, LLC	DENTIFICATION AND DES		
		TABLE - CRITERIA AND SI	LECTED POLLUTANTS	
2. Complete the following em	issions summary for regulated:	air pollutants at this facility or for the	sources contained in this applic	eation.
	Summary of Maxim	um Allowable Emissions	Summary of a	Actual Emissions
Air Pollutant	Tons per Year	Reserved for State use (Pounds per Hour- Item 4, APC 28)	Tons per Year	Reserved for State use (Pounds per Hour- Item 4, APC 28)
Particulate Matter (TSP)	N/A		0.86	
Sulfur Dioxide	N/A		0.083	
Volatile Organic Compounds	N/A		78.5	
arbon Monoxide	N/A		0.545	
Lead	N/A		N/A	
Nitrogen Oxides	N/A		18.71	
Total Reduced Sulfur	N/A		N/A	
Mercury	N/A		N/A	
Asbestos	N/A		N/A	
Beryllium	N/A		N/A	
Vinyl Chlorides	N/A		N/A	
Fluorides	N/A		N/A	
Gaseous Fluorides	N/A		N/A	
Greenhouse Gases in CO ₂ Equivalents	N/A		3,981	

(Continued from previous page)

EMISSIONS SUMMARY TABLE - HAZARDOUS AIR POLLUTANTS

Complete the following emissions summary for regulated air pollutants that are hazardous air pollutant(s) at this facility or for the sources contained in this application.

	Summary of Max	imum Allowable Emissions	Summary of	Actual Emissions
Air Pollutant & CAS	Tons per Year	Reserved for State use (Pounds per Hour- Item 5, APC 28)	Tons per Year	Reserved for State use (Pounds per Hour- Item 5, APC 28)
Toluene (CAS# 108-88-3)	N/A		75.4	
Methanol (CAS# 67-56-1)	N/A		0.02	
MIBK (CAS# 108-10-1)	N/A		0.27	
		e continuity plants or a continuity		10 - 10 - 10 - 10 - 11 - 15 - 11 - 15 - 15
		, , , , , , , , , , , , , , , , , , ,		
		<u>.</u>		
Page number: APC 29.1	Revision num	iber:	Date of revision:	ember 23, 2021

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(Althous and a superior and a superi	Contract of the Contract of th	CURRENT EMISSIONS REQUIREM			
		GENERAL IDENTIFICATION AND D	ESCRIPTION		
1 Facility name		2 Emissio	on source number		
Holliston Holdings			ce 37-0001-02		
 Describe the process emission 	n source / fuel burning ir	estallation / incinerator			
NG and Oil Fired	39 MM Btu/hr \$	Springfield Boiler			
		EMISSIONS AND REQUIREM	IÈNITS		
Identify if only a part of the source is subject to this requirement	5 Pollutant	Applicable requirement(s): TN Air Pollution Control Regulations, 40 CFR, permit restrictions, air quality based standards	7. Limitation	8 Maximum actual emissions	9 Compliance status (ln/Out)
Entire Unit	PM	1200-3-602(2)(b)	38.6 lb/hr	38.6 lb/hr	IN
Entire Unit	SO2	1200-3-1402(1)(a)	4.0 lb/MM Btu	472.8 lb/hr	IN
Entire Unit	SO2	1200-3-1401(3) (No. 6 oil firing only)	39 tons/yr	39 tons/yr	IN
Entire Unit		40 CFR 63.7500	N/A	N/A	IN
Entire Unit		40 CFR 63.7545	N/A	N/A	IN **
		Y			
10 Other applicable requirement	s (new requirements that	apply to this source during the term of this permit)			
APC 30.1		Revision number:	Da	ate of revision Novembe	r 23. 2021

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		GENERAL IDENDIFICATION	NANDIDESCRIPTION		
I Facility name		2.	Emission source number		
Holliston Holding	s, LLC		Source 37-0001-04		
 Describe the process emissi 	on source / fuel burning in	nstallation / incinerator			
Waste Paper Trii	m System with (Cyclone Control			
		EMISSIONS AND REC	DUIREMENTS		
Identify if only a part of the source is subject to this requirement	.5. Pollutant	Applicable requirement(s): TN Air Pollution Conceptions, 40 CFR, permit restrictions, air quality based standards		8 Maximum actual emissions	9. Compliance status (In/Out)
Entire Unit	PM	1200-3-704(1)	0.02 gr/dscf	1.47 lb/hr	IN
		·			
Other applicable requirement	its (new requirements that	apply to this source during the term of this permit)			
		M.			
11 D					
11. Page number APC 30.2		Revision number		Date of revision Novembe	er 23, 2021

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		CURRENT EMISSIONS REQUIREM	ENTS AND STATUS		
		GENERAL IDENTIFICATION AND D	DESCRIPTION		
Facility name			on source number		
Holliston Holdings		Sour	ce 37-0001-10		
3 Describe the process emission		stallation / incinerator			
Facility Coaters N	os. 3, 4, 5, 6, 7	, 8, 11, and 15, and associated dryers			
		EMISSIONS AND REQUIREM	ENTS		
Identify if only a part of the source is subject to this requirement	5. Pollutant	Applicable requirement(s) TN Air Pollution Control Regulations, 40 CFR, permit restrictions, air quality based standards	7. Limitation	8 Maximum actual emissions	9. Compliance status (ln/Out)
Coaters 8 & 11	VOC	1200-3-1802(7)	per RDD	8.6 lb/gal	IN
Coaters 7 & 10	VOC	1200-3-1802(7)	per RDD	2.9 lb/gal	IN
Coaters 3, 4, 5, 6, 15	VOC	1200-3-1802(7)	per RDD	2.9 lb/gal (wtd avg)	IN
Coating Dryers	SO2	1200-3-1401(3)	0.05 lb/hr		IN
Entire Unit	HAPs	63.3320(b)(2), (b)(3)	0.04 kg/kg coating	0.02 kg/kg solids	IN
Entire Unit	HAPs	63.4291(a)(1), (a)(2)	0.04 kg/kg coating	0.02 kg/kg solids	IN
Entire Unit	HAPs	63.3400(c)(1)	N/A	N/A	IN
Entire Unit	HAPs	63.4322(a)	N/A	N/A	IN
	***	Section 4 continued on form A	EC 30.3b ***		
10. Other applicable requirements	(new requirements that a	apply to this source during the term of this permit)			
Page number: APC 30.3a		Revision number 1	Da	te of revision: November	23, 2021

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		CURRENT EMISSIONS REQUIR	EMENTS AND STATUS		
		GENERAL IDENTIFICATION A	NDIDESCRIPTION		
1 Facility name			mission source number		
Holliston Holding		S	Source 37-0001-10		
 Describe the process emissis 	on source / fuel burning in	nstallation / incinerator.			
		, 8, 11, and 15, and associated drye	*S		
		EMISSIONS AND REQUI			
Identify if only a part of the source is subject to this requirement	5 Pollutant	6 Applicable requirement(s): TN Air Pollution Control Regulations, 40 CFR, permit restrictions, air quality based standards		8 Maximum actual emissions	9 Compliance status (In/Out)
		**Continued from form APC30.3a	**		
Entire Unit	HAPs	63.4311(a)	N/A	N/A	IN
Coating Dryers	TSP	1200-3-2602(9)(g)1	0.61 lb/hr	0.61 lb/hr	IN
		N .			
		= 1			
10. Other applicable requiremen	ts (new requirements that	apply to this source during the term of this permit)			
N/A	N/A	N/A	N/A	N/A	N/A
11. Page number: APC 30.3b		Revision number:	D	ate of revision	er 23, 2021

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		CURRENT EMISSIONS REQUIREME	ENTS AND STATUS		
		GENERAL IDENUIFICATION AND D	ESCRIPTION		
1. Facility name		2. Emission	n source number	Design Control of the State State Control of the State State Control of the State St	
Holliston Holding			ce 37-0001-12		
3. Describe the process emission					
29.41 MM Btu/hr	York-Shipley B				
		EMISSIONS AND REQUIREM	ENTS		
Identify if only a part of the source is subject to this requirement	5 Pollutant	Applicable requirement(s): TN Air Pollution Control Regulations, 40 CFR, permit restrictions, air quality based standards	7. Limitation	8 Maximum actual emissions	9 Compliance status (In/Out)
Entire Unit	PM	1200-3-602(2)(b)	9.7 lb/hr	9.7 lb/hr	IN
Entire Unit	SO2	1200-3-1402(1)(a)	4.0 lb/MM Btu	117.16 lb/hr	IN
Entire Unit	SO2	1200-3-1401(3) (No. 4 oil firing only)	39.16 tons/yr	39.16 tons/yr	IN
Entire Unit	NOx	1200-3-603(2)	4.2 lb/hr	4.2 lb/hr	IN
Entire Unit	СО	1200-3-603(2)	2.47 lb/hr	2.47 lb/hr	IN
Entire Unit	VOC	1200-3-603(2)	0.16 lb/hr	0.16 lb/hr	IN
Entire Unit	SO2	40 CFR 60.48c	N/A	N/A	IN
Entire Unit		40 CFR 63.7500	N/A	N/A	IN
Entire Unit	****	40 CFR 63.7545	N/A	N/A	IN
10. Other applicable requirement	s (new requirements that	apply to this source during the term of this permit)			
11. Page number: APC 30.4		Revision number.	D	ate of revision Novembe	r 23, 2021

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	ORANGE SERVICE CONTRACTOR OF THE SERVICE CON	CORRENT EMISSIONS REQUIR			
t Pauli		GENERAL IDENTIFICATION AT	DDESCRIPTION		
I Facility name		2. Er	nission source number		A STATE OF THE PARTY OF THE PAR
Holliston Holding		S	ource 37-0001-16		
3 Describe the process emiss	sion source / fuel burning in	nstallation / incinerator			
Eight (8) each, 0).8 MM Btu/hr Te	enter Drying Ovens			
		EMISSIONS AND REQUI	REMIENTES		
Identify if only a part of the source is subject to this requirement	5 Pollutant	Applicable requirement(s): TN Air Pollution Control Regulations, 40 CFR, permit restrictions, air quality based standards		8 Maximum actual emissions	9 Compliance status (In/Out)
Entire Unit	VOC	1200-3-707(2)	15 tons/yr	15 tons/yr	IN
Entire Unit	PM	1200-3-602(2)(a)	3.84 lb/hr	3.84 lb/hr	IN
Entire Unit	SO2	1200-3-1402(2)(a)	39.0 tons/yr	39.0 tons/yr	IN
		·			
		i			
		× ×			
10. Other applicable requireme	nts (new requirements that	apply to this source during the term of this permit)			
					=
11. Page number APC 30.5		Revision number:	Da	nte of revision November	23, 2021

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TITLE V PERMIT APPLICATION
COMPLIANCE PLAN AND COMPLIANCE CERTIFICATION

23			GENERAL IDENTIFICATION	N AND DESCRIPTION	
I.	Facility name	: olliston Holdings,	LLC		THE PROPERTY OF THE PROPERTY O
2.	List all the pr	ocess emission source(s) or	fuel burning installation(s) or incinerator	(s) that are part of this applica	tion
37			ng Installation, 39 MM Bt		
37	'- 0001-04:	Waste paper Tri	m System with Cyclone (Control	
37	'-0001-10:	Coating Operation	on with Drying Ovens		
37	<u>'-0001-12:</u>	29.41 MM Btu/hr	York-Shipley Boiler	37-0001-16: Eight	t 0.8 MM Btu/hr. Tenter Ovens
3.	MASTER EN EN		COMPLIANCE PLAN ANI	DERTIFICATION	
J.	X		d in this application are presently in com		
	A.	Attached is a statement of to assure compliance with	of identification of the source(s) currently the applicable requirements for the of the applicable requirements for the source (s) currently the applicable requirements for the source (s) the applicable requirements for the source (s) the applicable requirements for the source (s) the source (s)	in compliance. We will cont duration of the permit.	inue to operate and maintain the source(s)
	B	APC 30 form(s) includes requirements on a timely	new requirements that apply or will appl basis.	ly to the source(s) during the t	erm of the permit. We will meet such
4.	Indicate that t	here are source(s) that are co	ontained in this application which are not	presently in full compliance,	by checking both of the following:
)	A.	Attached is a statement o and the proposed solution	f identification of the source(s) not in cor 1.	mpliance, non-complying requ	nirement(s), brief description of the problem,
	B.	We will achieve complian	nce according to the following schedule:	***NOT A	APPLICABLE***
			Action		Deadline
			(3.00%)	. e:	The Company of
	Progress report	is will be submitted;			
	Start date:		and every 180 days there:	fter unt I compliance is achiev	ved.
5.	State the compunder section 1	liance status with any applic 14(a)(3) of the Clean Air Ad	able compliance assurance monitoring and as of the date of submittal of this APC	nd compliance certification re	
	N/A				
1	Daga numb				
0	Page number:	PC 31.1	Revision number:	Date o	frevision: November 23, 2021

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TITLE V PERMIT APPLICATION AIR MONITORING NETWORK

100			ENERAL IDENTIFICATION AND DES	CRIPTION
I.		facility name: Holliston Holdings, LL(A.
2.		facility street address. 905 Holliston Mills Rd	City: CHURCH HILL	Zip Code 37642
3.	A	ir monitoring contact name:	Title:	Telephone number with area code;
187			LIR MONITORING NETWORK DESCRI	RIPTION
4.	F	or existing networks, indicate the type of air mo	nitoring network. (i.e. indicate all of the polluta	nts which are currently being monitored for)
5.	5		air monitoring network. (i.e. indicate all of the p	ollutants which will be monitored)
6.	If	conducting PSD pre-construction monitoring, be conducting PSD post-construction monitoring,	oriefly describe the reason for monitoring. briefly describe the reason for monitoring.	
		QUA	LITY ASSURANCE YOU LETY CONT	ROL PLAN
3	W	ill a quality assurance/quality control plan be su	ibmitted with the pennit application?	
12	_	YESNO If no, prov	ide the plan within 30 days of permit application	date,
9.	Pre	evious approval date:	erinit application. Provide the date of the previous	
· .	ide	similed below in order to be considered acceptal	AN AND AND AND AND AND AND AND AND AND A	
		457 455-457	methods including installation of equipment, pre	eventive and remedial maintenance.
	В.	Training of staff on equipment or methods.		
	C.	Calibration procedures, frequency of calibrat	ion, control of calibration standards, recertification	on of standards.
	D.	Zero and span check frequency, adjustment of		
	E.	1,502	ero and span response, including corrective action	procedures.
	F.	Recording, validating, and reporting procedure	res for data, including assessment and reporting o	of precision and accuracy data
	G.	Procedures to document implementation of pl		
	H.	Procedures to document and report causes of that affect or impact analyzers or samplers.	any missed data, violations of ambient air quality	standards, including upset conditions or malfunctions
	1.	Siting of analyzers or samplers including toporivers, and proposed or existing air contamina	ographic map coordinates, photographs of sites, n int sources.	naps with major terrain features, roads, buildings,
0.	Pag		Revision number:	Date of revision:
<i>y</i>		APC 32.1	11	November 23, 2

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TITLE V PERMIT APPLICATION STAGE I AND STAGE II VAPOR RECOVERY

			GENERAL	DENTIFICAT	ION, AND DE	SCRIPTION			
1. Facility	name: Hollisto	on Holding	s, LLC					.A.	
				TANK DES	CRIPTION		37	44	
	gas type, capacii	ty, type of tank [a	boveground (AG), underground (U	JG)], installation of	late	46	W A	
Tank #	Gas Type	Size	Tank Type circle one	Installation Date	Tank #	Gas Type	Size	Tank Type circle one	Installation Date
l		gal.	AG / UG		7		gal.	AG / UG	
2		gal.	AG / UG		8		gal.	AG / UG	
3		gal.	AG / UG		9		gal.	AG / UG	
4		gal.	AG / UG		10		gal.	AG / UG	
5		gal.	AG / UG	1	11	- Augustine	gal.	AG / UG	
))6		gal.	AG / UG		12		gal.	AG / UG	
				MOLLIFY DE	SCRIPTION				
3. Total num	nber of gasoline n	ozzles:			Nozzle model n	umber:			
4. Gasoline o	lispenser mfr.	file.			Dispenser mode	l number:	22.40		
5. Type of St	age I system;			<u>.</u>	Type of Stage II	system:			
6. Maximum	monthly through	STATE OF THE PARTY	gallo		Average yearly t				ons
7. Suppliero	ioacoline:	医 图象数据	S	UPPLIERAINE	ORMATION				
·· ouppiler o	gasoniic,								
Compai	ny name:				Contactnam	ne:			
,	Address:				Addre	SS:			
	umber with area	code:		·	T elephone :		a code:		
Page numb	PC 33.1		F	Revision number:	1	Ē	Pate of revision: November	23, 2021	

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TITLE V PERMIT APPLICATION OPEN BURNING

接	GENE	RAL IDENTIFICATION AND DESCR	RIPTION	
1.	Company name:			
	Holliston Holdings, LLC		A)	
2	Mailing address (ST/RD/P.O. BOX):	City, zip code:	78K A	GD:
	905 Holliston Mills Rd	CHURCH HI	LL	AL.
	Address of burning site:	City:	County where burn will be cond	lucted:
	N/A		A 10 M	197
	Name of official contact:	Official's title	Telephone number (with area co	ode):
			AND A	,
		OPEN BURNING DESCRIPTION		
2.	Material to be burned:			
	Pounds per day	632	Application of the second	
	Trees, limbs, brush:	Total weight of material to b	pe burned:tons/	Vear
	Wood products:	The same of the sa		
		On what date is it desired to	begin such open burning?	
	Household waste, except garbage:			
	except garbage.	Howlong will such open but	rning continue?	
))	Petroleum waste:	During what hours of the da	y will burning be conducted:	to
	Other (describe):	Frequency of burning:	day	/s/week
3.	Give reasons which in your opinion justify disposal by	burning rather than other methods creating les	s air nollation	
4.	Will an air curtain destructor be used to conduct this bu	urning (yes/no)?		
5.	What plans have been made to reduce or eliminate open	n burning at this site?		
6.	On a map with a scale of not less than 1:24,000, showt A. The burning site.	he location of the following:		
	B. A road or highway within one mile of the site.			
	 C. Airports, hospitals, schools, or nursing homes wit? D. Nearest incorporated town. 	nin one mile of the site.		
	E. Sanitary landfill or similar facility, within 1000 fee	et of the site		
	 F. Nearest residence not on the same property as the G. National reservation, wildlife area, state park or fo 	burning site. west within ½ mile of the burning site.		
7				
))	APC 34.1	sion number:	Date of revision:	
	AF U 34. I	1	November 23, 202	

PERMIT APPLICATION ATTACHMENTS

- APC 1 Attachment List of Insignificant Sources/Emissions Units
- APC 23 Attachment Cyclone Maintenance Logsheet
- APC 26 Attachment I Facility VOC and HAP Emissions Estimation Procedure
- APC 26 Attachment II Letter dated February 13, 2020, Operational Flexibility Notification
- APC 26 Attachment III Coater VOC Compliance Tracking
- APC 26 Attachment IV Procedure for Calculation of HAPs from Coating and Printing
- APC 26 Attachment V Procedure for Calculation of Combustion Emissions from Boilers #2 and #12
- APC 26 Attachment VI Calculation Table for Coating Dryers Combustion Emissions
- APC 26 Attachment VII Calculation Table for Source #16 Tenter Ovens
 Combustion Emissions
- Actual Emissions Summary Table for Period July 1, 2020 through June 30, 2021
- Opacity Matrix Decision Tree for Visible Emission Evaluation by EPA Method 9, dated June 18, 1996 and amended September 11, 2013
- AP-42 Emission Factors from Natural Gas Combustion, Supplement to 5th Edition, Dated 7/98
- AP-42 Emission Factors for Uncontrolled Fuel Oil Combustion, 5th Edition, Dated 5/2010
- Drawing Holliston Site Facilities Layout
- Drawing Holliston Production Building Stack Locations
- Drawing Holliston Stack Layout Table (Stack Identifications)

APC 1 Attachment 1 Holliston Holdings, LLC – Title V Permit Application Insignificant Sources/Emission Units

Exhaust ID	Description	Capacity	Exemption 1200-3-9-0.0
EIW	1 Compactor Area Heater #1	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
E2W	2 Compactor Area Heater #2	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
E3W	3 Warehouse Heater #1	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
E6W	4 Warehouse Heater #2	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
E7W	5 Warehouse Heater #3	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
E9W	6 Warehouse Heater #4	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
E10W	7 Warehouse Heater #5	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
N/A	Area Vents between Tenter #1 & #2	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
V/A	Opaque Machine/Vent	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
I/A	Vent over Scray Box (Bleach House)	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
J/A	Vent over Desize Tank	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
//A	Vent in Compactor Room	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
/A	Vent over Caustic Tub Washer	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
/A	Vent over Range #3 & #4	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
A	Vent over Slitter Room	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
A	Vent over Power Rooms	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
Α	Repair, cleaning, maintenance, degreasing operations	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)

APC 1 Attachment 1 Holliston Holdings, LLC – Title V Permit Application Insignificant Sources/Emission Units

None	8 Maintenance Heater	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
P6A	9 Saturator Oven	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
None	10 Coater #15 Heater	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
None	11 Warehouse Heater	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
None	12 Coating Dept. Heater #1	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
None	13 Coating Dept. Heater #2	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
None	14 Coating Dept. Heater #3	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
None	15 Coating Dept. Heater #4	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
None	16 Pent House Heater #1	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
None	17 Pent House Heater #2	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
None	18 Pent House Heater #3	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
Vone	19 Pent House Heater #4	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
I/A	Calender Roll heater - natural gas singer	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
9F. E19F	Solvent Coating Mixing Room	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
50F	Syloid Room Exhaust	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
18F, P49F 51F —————	Pigment Grinding Exhaust	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
8F. P67F	Jelly Room Exhaust	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
6A	Opaque Machine	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)

APC 1 Attachment 1 Holliston Holdings, LLC – Title V Permit Application Insignificant Sources/Emission Units

C2A	Torpedo Mix Exhaust	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
E4F, E5F, E52F, E62F	Tub Washing Room	PTE < 5 tpy of non hazardous pollutants	(5)(a)4(i)
P1A, P2A, P3A	Tenter #1	< .5 tpy of hazardous pollutants PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
P4A, P5A, P6A	Tenter #2	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
P7A, P8A, P9A, P10A P11A, P12A,	Tenter #3	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
P22A	Tenter #4	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
P20A, P21A	Tenter #5	PTE < 5 tpy of non hazardous pollutants < .5 tpy of hazardous pollutants	(5)(a)4(i)
	Revision: 3	Revision Date: October 06,	2014

APC 23 Attachment

Holliston Holdings, LLC Title V Permit No. 568009; Source 37-0001 Cyclone Maintenance Log [Permit Condition E6-2]

	Maint	enance					
ST/	ART	ΕN	ID			Minutes	
Time	Date	Time	Date	Month/YR	Description of Maintenance	Worker's Initials	ENV Mg
							7.5
		1					
	9.0						
						i	

Maintenance will log in all mechanical repairs on the "Cyclone" within 72 hours of completion.

Visual inspections and removing trash from the warehouse unit is not considered maintance on the cyclone.

Routine inspections/cleaning will be conducted each work day, typically by the night maintenace shift.

Facility VOC and HAP Emissions Estimation Procedure

Holliston Holdings, LLC Church Hill, TN

References: Attachment I to ICG Holliston Mills letter: "Response to Comments and Revisions to the Title V Air Permit Application", dated April 26, 2000

APC 26 Attachment I, Holliston Title V Permit Application, dated October 6, 2014

Operational Flexibility Notification, dated February 13, 2020

This document has been updated from the 2014 version to include procedure changes which became necessary with the optional use of off-site (toll) manufactured nitrocellulose jellies and EVA jelly, which had been produced solely on-site at Holliston prior to 2020.

Annual total VOC emissions from the facility are estimated based on net solvent consumption (i.e., year beginning inventory *plus* purchase for the year *minus* year-end inventory *minus* waste solvent shipped), assuming 100% of the Solvents consumed is released to the atmosphere. Holliston Holdings LLC uses HM Blend, Isopropyl Alcohol (IPA), Toluene, Isopropanol, n-butyl Acetate and MIBK, as well as toll-converted VOC-containing EVA jelly, ½ Sec Nitrocellulose jelly, and 5/6 Sec Nitrocellulose jelly. The following calculation steps are used:

- 1. Obtain prior year-end (for example, 2020) inventory for each of the solvents used (in gallons). This value corresponds to beginning year inventory (2021) at hand of the year for which emissions are estimated.
- 2. Obtain annual (2021) total purchase data for each of the solvents (in gallons).
- Obtain current year-end (2021) inventory in gallons.
- 4. Obtain total solvent included in the annual (2021) hazardous waste shipments. Calculate amount of individual solvents included in the shipments (in gallons or lbs) using available composition data or best engineering estimate based on historic data.
- 5. Calculate annual total solvents consumed in gallons or lbs using the equation: year beginning inventory *plus* purchase for the year *minus* year-end inventory *minus* waste solvent shipped.
- 6. Set annual VOC emissions (lbs) = annual solvent consumption, assuming 100% of consumed solvents are emitted to the atmosphere.
- 7. Using annual consumption and average (wt%) composition of the solvents and blended solvents given below, estimate individual HAP emissions:
 - HM Blend: 60% toluene; 16% acetone; 4% isopropyl acetate; 20% isopropyl alcohol (IPA)
 - Toluene: 100% toluene
 - Isopropanol (IPA, anhydrous): 100% IPA
 - n-Butyl Acetate: 100% n-butyl acetate
 - MIBK: 100% MIBK
 - EVA jelly: 55% toluene; 8% acetone; 2% isopropyl acetate; 10% IPA
 - NC 5/6 Jelly Cut: 45.5% toluene; 12.1% acetone; 3% isopropyl acetate; 22.4% IPA
 - NC ½ Sec Jelly Cut: 35.2% toluene; 9.4% acetone; 2.35% isopropyl acetate; 24.1% IPA
- 8. Note that only toluene, methanol and MIBK are HAPs to be included in HAP estimation.
- 9. All resulting data are arranged in a report table as shown:

Pollutant	Toluene	Methanol	MIBK	Total HAPs	Total VOC
HAP (y/n)	Yes	Yes	Yes	Yes	
	(tons)	(tons)	(tons)	(tons)	(tons)
Total Emissions					
For Period					
(tons)					
Total Emissions					
For Period		:			
(lbs)					

Revision: November 23, 2021





423-357-6141 phone 800-251-0251 customer service 423-357-3893 int'l phone 800-325-0351 fax

February 13, 2020

Technical Secretary
Tennessee Department of Environment and Conservation
Division of Air Pollution Control
William R. Snodgrass Tennessee Tower
312 Rosa Parks Avenue, 15th Floor
Nashville, TN 37243

RE: Holliston Holdings LLC, Church Hill, TN – Hawkins County
Title V Air Permit 568009 [Source No. 37-0001] -- Operational Flexibility Notification

Dear Sir/Madam:

Holliston Holdings, LLC facility located in Church Hill in Hawkins County currently operates under a Title V Air Permit [Permit No. 568009, Source # 37-0001] and has been duly in compliance with the terms and conditions of the permit.

Through this submittal, Holliston Holdings, LLC is providing Tennessee Department of Environmental Conservation Division of Air Pollution Control (TDEC) with this notification of change under the Operational Flexibility provisions of the Title V Air Permit, as provided under Section C, Permit Condition C1. Further, the change enumerated here complies with all requirements as stipulated under items (a) through (g) of Permit Condition C1.

Source subject to Notification: Coating Operations (Source 37-0001)

Brief Description of Change:

The Holliston Holdings facility experienced a fire event in November 2019, when part of the facility operations (also called 'mixing room') associated with mixing and preparation of solvent-based coatings was partially disabled. Immediately following this event, the facility suspended solvent-based coating preparations in the mixing room. Concurrently, the facility is working with the Insurance provider for the facility to assess the extent of damage, and for re-build/re-start of operations of the mixing room. However, processing of insurance claim and adjustments is taking a substantially longer time. In order to meet our customers' quality requirements and to stay on schedule with solvent-based coated products delivery dates, Holliston will be purchasing pre-mixed solvent-based materials (in place of the on-site mixing performed previously) and use them to prepare the solvent-based coatings. The purchased materials will be based on the exact composition (chemicals and % content of each chemical) that were made in-house using the

mixing room in the past, prior to the fire event. Air emissions from the facility's mixing and coating operations will not change (both in terms of VOCs and HAPs); total air emissions (of VOCs and HAPs) will remain at the same level from these operations, as before the fire event.

Permit Applicability of Change:

No Changes in the Permit terms and conditions are sought as a result of this operational flexibility change.

Truth and Accuracy Statement:

I have reviewed the information contained in this operational flexibility notification in its entirety, and to the best of my knowledge, and based on information and belief after reasonable review, certify that the statements and information provided herein are true, accurate and complete.

We thank you for your timely consideration of this matter.

If you have any questions or require additional information, please feel free to contact Jack Brown at 423-357-6141 at extension 6021 or via email at: jbrown@holliston.com

Sincerely,

Holliston Holdings, LLC

Sheldon Sillyman

VP of Business Development

Ce: Doug S. Wright, TAPCD, Nashville, TN
Jack Brown, Environmental & Safety Manager
Suresh Santanam, S-Square Consulting

Coater VOC Compliance Tracking

Holliston Holdings, LLC Church Hill, TN

Reference: Major source operating permit application revised April 26, 2000, Permit Attachment II

Every coating or formulation used at the Holliston Holdings, LLC facility is maintained in a computerized database. The information maintained in the database (to make each gallon of coating) include: individual constituents and quantities required to make a gallon of coating, amounts of solvents used, amount of solids, calculated lb VOC/gallon of coating, and calculated lb water/gallon of coating. The following procedure is used to schedule the coating to the appropriate coater, and to generate monthly compliance information:

- 1. Holliston customer service team receives each order as they are placed by the customer over phone or sent via written purchase orders.
- 2. A team member obtains coating information (color, type, VOC content, etc.) for the ordered product number from the database. Based on coating VOC content (lb/gal), the production run is scheduled for the coater where product can be run based on permit limit on VOC content (for example, solvent coatings are directed to coaters number 8 or 11).
- 3. As the orders are completed, the product runs are tracked in the computer database.
- 4. On a monthly basis, the information from the database is printed out for each coater. A line item in the print-out corresponds to one product run. The print-out also provides monthly total VOC consumed (based on coating composition), individual coating VOC content in lbs VOC/gal, and average VOC content in lbs VOC/gal.
- 5. The print-out is reviewed against permit limits for each of the coaters.
- 6. Each monthly print-out is reviewed and signed by environmental coordinator and plant Responsible Official.
- 7. Signed monthly print-outs are maintained in the regulatory file folders.
- 8. Monthly reports are summarized, reviewed, and sent to TDEC under signature on a semiannual basis.

Revision Date:

November 23, 2021

Procedure for Calculation of HAPs from Coating and Printing

Holliston Holdings, LLC Church Hill, TN

Every variety of coated cloth or paper produced at the Holliston Holdings, LLC facility is maintained in a computerized database. The information maintained in the database (to make each yard of coated product) include: individual constituents and quantities required, amounts of HAPs used, and amount of solids in each coating type. Additionally, a production database is maintained which tabulates production yardage of each product variety as it is produced. For purposes of demonstrating compliance with MACT Standards Subpart JJJJ for Paper Coating Operations and Subpart OOOO for Fabric Coating Operations, Holliston utilizes the following procedure to generate monthly compliance information.

- 1. Holliston customer service team receives each order as they are placed by the customer over phone or sent via written purchase orders.
- 2. A team member obtains coating information (color, type, VOC content, etc.) for the ordered product number from the database. Based on coating VOC content (lb/gal), the production run is scheduled for the coater where product can be run based on permit limit on VOC content (for example, solvent coating are directed to coaters number 8 or 11).
- 3. As the orders are completed, the product run yardages are tracked in the computer production database.
- 4. On a monthly basis, production yardage data from the database is printed out for each product variety. The production yardage data are input to the coating composition database and calculations are performed to determine kilograms of HAPs/kilogram of coating, and kilograms of HAPs/kilogram of coating solids. In addition, mass of HAPs used for equipment cleaning and mass of HAPs in waste streams are compiled to complete the formula for Mass of HAP Emissions required per subpart OOOO.
- 5. The calculations are reviewed against MACT limits of HAPs applied (kg)/Coatings Mass (kg) and HAPs applied (kg)/Solids Mass (kg) per subpart JJJJ §63.3320(b)(2) and (b)(3) and against HAPs emissions (kg)/Solids Mass (kg), 12-month rolling average, per subpart OOOO §63.4332 (Emission rate without add-on Controls Option).

 6. All resulting data are arranged in a report table as shown below.
 - Monthly print-outs are maintained in the regulatory file folders.
- Monthly reports are summarized, reviewed, and sent to EPA and TDEC under signature on a semiannual basis.

 Semiannual MACT Compliance Summary JJJJ

	Year	20xx	20xx	20xx	20xx	20xx	20xx
	Month	Apr	May	Jun	Jul	Aug	Sep
Parameter	Standard						-
Total HAPs Applied (kg)							
Total Coatings Applied (kg)							
HAPs (kg)/Coatings Mass (kg) under 63.3320(b)(2)	0.04						
Total Solids (kg)		_					
HAPs (kg)/Solids Mass (kg) under 63.3320(b)(3)	0.20						
Compliant (Yes/No)							

Semiannual MACT Compliance Summary 0000

	Year	20xx	20xx	20xx	20xx	20xx	20xx
	Month	Apr	May	Jun	Jul	Aug	Sep
Parameter	Standard						
Total Solids (kg)							
HAPs (kg)/Solids Mass (kg) under 63.4332 (12-month Compliance Period)	0.12						
Compliant (Yes/No)							

Revision Date: November 23, 2021

Procedure for Calculation of Combustion Emissions from Boilers #2 and #12

Holliston Holdings, LLC Church Hill, TN

Reference: EPA AP-42, Compilation of Air Pollutant Emission Factor, Chapter 1, Section 1.4, Natural Gas Combustion, July 1998

To demonstrate compliance with emission limitations for Boiler #2 and Boiler #12, Holliston maintains a log of natural gas usage for each of the boilers. These usages are applied to factors obtained from AP-42 Natural Gas Combustion – Tables 1.4-1 and 1.4-2 to obtain the pollutant emissions. The resulting data are arranged monthly into the tables shown below. These tables are maintained in Holliston company files and sent to TDEC under signature on a semiannual basis.

Monthly Fue	el Use				Repor	ting Period	d:				
Month	No.6 Oil	(gal)	Sulfur Content	No.4 Oil	(gal) Boiler	Sulfur	No.2 Oil	(gal)	Sulfur	Natural Ga SCF)	s (million
	Boiler #2	Boiler #12	(%)	Boiler #2	#12	Content (%)	Boiler #2	Boiler #12	Content (%)	Boiler #2	Boiler #12
						,					

Fuel			o. 4 Fue				No.:	2 Fuel C	Dil			Natu	ral Gas	Fuel	
Pollutant	PM (TSP)	\$O₂	NOx	voc	со	PM (TSP)	SOz	NOx	voc	СО	PM (TSP)	SO ₂	NOx	voc	СО
AP-42 Factor	7	150S	20	0.2	5	2	1425	20	0.2	5	7	0.6	50	5.5	84
Total (tons)															

Actual Month	y Emiss	ions fo	r Boiler	Source	#2		<u>.</u>									
Fuel	<u></u>	No. 6	Fuel O	il		No. 4 F	uel Oil			No. 2 F	uel Oil		N	atural (Gas Fu	el
Pollutant	PM (TSP)	SO ₂	NOx	voc	PM (TSP)	SO ₂	NOx	voc	PM (TSP)	SO ₂	NOx	voc	PM (TSP)	SO ₂	NOx	voc
AP-42 Factor	10	1578	55	0.28	7	150S	20	0.2	2	1428	20	0.2	6.2	0.6	140	2.7
Total (tons)																

Fuel		В	oth boilers and all F	uels	
Pollutant	PM (TSP)	\$O ₂	NOx	VOC	co
Month	(tons/month)	(tons/month)	(tons/month)	(tons/month)	(tons/month)
Total (tons)					

Holliston Holdings, LLC

Church Hill, TN

Title V Report (Source #10 Coating Operation with Drying Ovens)

Permit No: 568009 Emission Source: 37-0001

Fiscal Year Coating Dryers Emissions (tons)

Permit Condition E7-3

Estimated Natural Gas Usage (million ft3/year) =

Pollutant	AP-42 Emission Factor (lb/million ft3 of Natural Gas)	Emission Rate (tons/year)
PM (TSP)	6.2	
SO2	0.6	
NOx	140	
VOC (excluding Methane)	2.7	

Notes:

- 1. Each dryer for coaters 3,4,5, 7, 8, and 15 are rated at 10 MMBtu/hr, respectively
- 2. Coater 11 is 3.2 MM Btu/hr (1.78 and 1.42 MMBtu/hr)
- 3. Coater 6 is rated for 2 MMBtu/hr
- 4. Natural Gas heat content of 1030 Btu/ft3 is used as conversion factor
- 5. Each operating coater dryer is assumed run for 4000 hours/year

Holliston Holdings, LLC Church Hill, TN

Title V Report (Source #16 Tenter Ovens)
Permit No: 568009 Emission Source: 37-0001

Fiscal Year Coating Dryers Emissions (tons)

Permit Condition E11-3

Estimated Natural Gas Usage (million ft3/year) =

Pollutant	AP-42 Emission Factor (lb/million ft3 of Natural Gas)	Emission Rate (tons/year)
PM (TSP)	6.2	
SO2	0.6	
NOx	140	- 1
VOC (excluding Methane)	2.7	

Notes:

- 1. Each tenter drying oven is rated at 0.8 MMBtu/hr (total of 8 drying ovens)
- 2. Natural Gas heat content of 1030 Btu/ft3 is used as conversion factor
- 3. Each coater dryer is assumed run for 8760 hours/year

Holliston Holdings, LLC Church Hill, TN

Title V Report (Fiscal 2020 - 2021 Emissions) Permit No: 568009 Emission Source: 37-0001

Fee Emissions Summary Table for Major Source 37-0001

Permit Condition E1 Fee Payment : Actual Emissions Basis [2020-21]

Regulated Pollutants	Allowable Emissions (tons per AAP)	Actual Emissions (tons per AAP)	Comments
PM (TSP)	N/A		
PM -10	N/A		
SO2	N/A		
VOC	N/A		
NOx .	N/A		
co	N/A		

Category of Miscellaneous Hazardous Air Pollutants (HAP without a Standard) *

VOC Family Group	N/A	Fee Emissions are included in VOC above
Non-VOC Family Group	N/A	
PM Family Group	N/A	

Category of Miscellaneous Hazardous Air Pollutants (HAP with a Standard) **

VOC Family Group	N/A	
Non-VOC Family Group	N/A	
PM Family Group	NIA	

Category of NSPS Pollutants Not Listed Above ***

VOC Family Cours	FI			
I VOC Family Group	13	M/A		
Too raining oroup		14074	- 1	

NOTES:

Reflects July 1, 2020 through June 30, 2021 (For Fee Determination)

AAP The Annual Accounting Period (AAP) is a twelve (12) Consecutive month period that begins each July 1st and ends June 30th of the following year.

N/A indicates that no emissions are specified for fee computation

AEAR indicates that an Actual Emissions Analysis is Required to determine the actual emissions of:

- each regulated pollutant (Particulate matter, SO2, VCC, NOx, and so forth. See TAPCR 1200-3-26.-2(2)(I) for the definition of a regulated pollutant)
- (2) each pollutant group (VOC family, Non-VOC gaseous, and Particulate family), and

(3) the Miscellaneous HAP Category

under consideration during the Annual Accounting Period

* <u>Category Of Miscellaneous HAP</u> (HAP Without A Standard): this category is made-up of hazardous air pollutants that do not have a federal or state standard. Ach HAP is classified into one of three groups, the VOC

Family group, the Non-VOC Gaseous group, or the Particular (PM) Family group. For fee computation, the Miscellaneous HAP Category is subject to the 4,000 ton cap provisions of subparagraph 1200-3-26-02(2)(I)

- ** <u>Category Of Specific HAP (HAP With A Standard)</u>: this category is made-up of hazardous air pollutants (HAP) that are subject to Federally promulgated Hazardous Air Pollutant Standards that can be imposed under Chapter 1200-3-11 or Chapter 1200-3-31. Each individual hazardous air pollutant is classified into one of three groups, the VOC Family group, the Non-VOC Gaseous group, or the Particulate (PM) Family group. For fee computation, each individual hazardous air pollutant of the Specific HAP Category is subject to the 4,000 ton cap provisions of subparagraph 1200-3-26-02(2)(I).
- **** Category Of NSPS Pollutants Not Listed Above: This category is made-up of each New Source Performance Standard (NSPS) pollutant whose emissions are not included in the PM, SO2, VOC or NOx emissions from each source in this permit. For fee computation, each NSPS pollutant not listed above is subject to the 4,000 ton cap provisions of subparagraph 1200-3-26-02(2)(I).

Notes:

PM = Periodic Monitoring required by 1200-03-09-.02(11)(e)(iii).

This Decision Tree outlines the criteria by which major sources can meet the periodic monitoring and testing requirements of Title V for demonstrating compliance with the visible emission standards set forth in the permit. It is not intended to determine compliance requirements for EPA's Compliance Assurance Monitoring (CAM) Rule (formerly referred to as Enhanced Monitoring – Proposed 40 CFR 64).

Examine each emission unit using this Decision Tree to determine the PM required.*

Use of continuous emission monitoring systems eliminates the need to do any additional periodic monitoring.

Visible Emission Evaluations (VEEs) are to be conducted utilizing EPA Method 9. The observer must be properly certified to conduct valid evaluations.

Typical Pollutants Particulates, VOC, CO, SO₂, NO_x, HCl, HF, HBr, Ammonia, and Methane.

Initial observations are to be repeated within 90 days of startup of a modified source, if a new construction permit is issued for modification of the source.

A VEE conducted by TAPCD personnel after the Title V permit is issued will also constitute an initial reading.

Reader Error

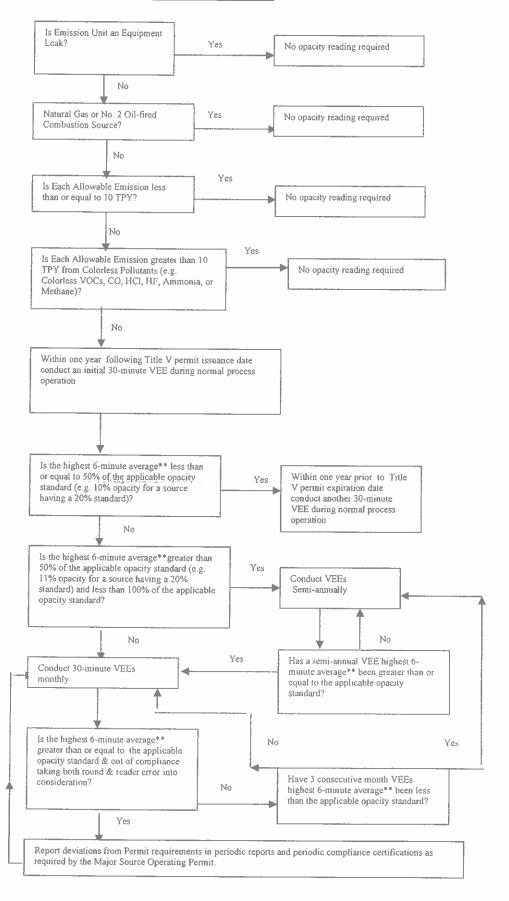
EPA Method 9, Non-NSPS or NESHAPS stipulated opacity standards: The TAPCD guidance is to declares noncompliance when the highest six-minute average** exceeds the standard plus 6.8% opacity (e.g. 26.8% for a 20% standard).

EPA Method 9, NSPS or NESHAPS stipulate opacity standards: EPA guidance is to allow only engineering round. No allowance for reader error is given.

- *Not applicable to Asbestos manufacturing subject to 40 CFR 61.142
- **Or second highest six-minute average, if the source has an exemption period stipulated in either the regulations or in the permit.

Dated June 18, 1996 Amended September 11, 2013

Decision Tree PM for Opacity for Sources Utilizing EPA Method 9*



AP-42 Emission Factor rom Natural Gas Combustion

Supplement to 5th Edition, Dated 7/98

Table 1.4-1. EMISSION FACTORS FOR NITROGEN OXIDES (NOx) AND CARBON MONOXIDE (CO) FROM NATURAL GAS COMBUSTION^a

Combustor Type (MMBtu/hr Heat Input) [SCC]	0	NO _x ^b		СО		
	E	mission Factor (lb/10 ⁶ scf)	Emission Factor Rating	Emission Factor (lb/10 ⁶ scf)	Emission Factor Rating	
Large Wall-Fired Boilers (>100) [1-01-006-01, 1-02-006-01, 1-03-006-01]				(33.10.00)	1 dotor (during	
Uncontrolled (Pre-NSPS) ^c		280	A	84	В	
Uncontrolled (Post-NSPS) ^c		190	A	84	В	
Controlled - Low NO _x burners		140	Α	84	В	
Controlled – Flue gas recirculation		100	D	84	В	
Small Boilers (<100) [1-01-006-02, 1-02-006-02, 1-03-006-02, 1-03-006-03]						
Uncontrolled	A	100	В	84	В	
Controlled – Low NO _x burners	3	50	D	84	В	
Controlled - Low NOx burners/Flue gas recirculation		32	С	84	В	
Tangential-Fired Boilers (All Sizes) [1-01-006-04]					D	
Uncontrolled		170	A	24	С	
Controlled – Flue gas recirculation		76	D	98	D	
Residential Furnaces (<0.3) [No SCC]						
Uncontrolled		94	В	40	В	

^a Reference 11. Units are in pounds of pollutant per million standard cubic feet of natural gas fired. To convert from Ib/10 ⁶ scf to kg/10⁶ m³, multiply by 16. Emission factors are based on an average natural gas higher heating value of 1,020 Btu/scf. To convert from Ib/10 ⁶ scf to Ib/MMBtu, divide by 1,020. The emission factors in this table may be converted to other natural gas heating values by multiplying the given emission factor by the ratio of the specified heating value to this average heating value. SCC = Source Classification Code. ND = no data.

NA = not applicable.

b Expressed as NO₂. For large and small wall fired boilers with SNCR control, apply a 24 percent reduction to the appropriate NO x emission factor. For tangential-fired boilers with SNCR control, apply a 13 percent reduction to the appropriate NO x emission factor.

c NSPS=New Source Performance Standard as defined in 40 CFR 60 Subparts D and Db. Post-NSPS units are boilers with greater than 250 MMBtu/hr of heat input that commenced construction modification, or reconstruction after August 17, 1971, and units with heat input capacities between 100 and 250 MMBtu/hr that commenced construction modification, or reconstruction after June 19, 1984

TABLE 1.4-2. EMISSION FACTORS FOR CRITERIA POLLUTANTS AND GREENHOUSE GASES FROM NATURAL GAS COMBUSTION^a

Pollutant	Emission Factor (lb/10 ⁶ scf)	Emission Factor Rating
CO ₂ ^b	120,000	A
Lead	0.0005	D
N ₂ O (Uncontrolled)	2.2	E
N ₂ O (Controlled-low-NO _X burner)	0.64	Е
PM (Total) ^c	7.6	D
PM (Condensable) ^c	5.7	D
PM (Filterable) ^c	1.9	В
SO ₂ ^d	0.6	A
TOC	11	В
Methane	2.3	В
VOC	5.5	С

^a Reference 11. Units are in pounds of pollutant per million standard cubic feet of natural gas fired. Data are for all natural gas combustion sources. To convert from lb/10⁶ scf to kg/10⁶ m³, multiply by 16. To convert from lb/10⁶ scf to 1b/MMBtu, divide by 1,020. The emission factors in this table may be converted to other natural gas heating values by multiplying the given emission factor by the ratio of the specified heating value to this average heating value. TOC = Total Organic Compounds. VOC = Volatile Organic Compounds.

b Based on approximately 100% conversion of fuel carbon to CO₂. CO₂[lb/10⁶ scf] = (3.67) (CON) (C)(D), where CON = fractional conversion of fuel carbon to CO₂, C = carbon content of fuel by weight (0.76), and D = density of fuel, 4.2x10⁴ lb/10⁶ scf.

d Based on 100% conversion of fuel sulfur to SO2.

Assumes sulfur content is natural gas of 2,000 grains/ 10^6 scf. The SO₂ emission factor in this table can be converted to other natural gas sulfur contents by multiplying the SO₂ emission factor by the ratio of the site-specific sulfur content (grains/ 10^6 scf) to 2,000 grains/ 10^6 scf.

^c All PM (total, condensable, and filterable) is assumed to be less than 1.0 micrometer in diameter. Therefore, the PM emission factors presented here may be used to estimate PM₁₀, PM_{2.5} or PM₁ emissions. Total PM is the sum of the filterable PM and condensable PM. Condensable PM is the particulate matter collected using EPA Method 202 (or equivalent). Filterable PM is the particulate matter collected on, or prior to, the filter of an EPA Method 5 (or equivalent) sampling train.

AP-42 Emission Factors for Uncontrolled Fuel Oil Combustion 5th Edition, Dated 5/2010

TABLE 1.3-1. CRITERIA POLLUTANT EMISSION FACTORS FOR FUEL OIL COMBUSTION® - PARTIAL TABLE

	SO ₂ ^b SO ₃ ^c			NO _X ^d		O ^c	Filterable PM ^f			
	Emission	EMISSIO N	Emission	EMISSION	Emission	EMISSION	Emission	EMISSION	Emission	EMISSION
Firing Configuration (SCC) ^a	Factor (lb/10³ gal)	FACTOR RATING	Factor (lb/10 ³ gal)	FACTOR RATING	Factor (lb/10 ³ gal)	FACTOR RATING	Factor (lb/10 ³ gal)	FACTOR RATING	Factor (lb/10 ³ gal)	FACTOR RATING
Boilers < 100 Million Btu/hr										
No. 6 oil fired (1-02-004-02/03) (1-03-004-02/03)	157S	A	2S	A	55	A	5	A	9.19(S)+3.22 ⁱ	В
No. 5 oil fired (1-03-004-04)	1578	Α	2S	. A	55	A	5	A	10 ⁱ	Α
No. 4 oil fired (1-03-005-04)	150S	Α	2S	A	20	Α	5	Α	7	B
Distillate oil fired (1-02-005-02/03) (1-03-005-02/03)	142S	A	2S	A	20	A	5	A	2	А
Residential furnace (A2104004/A2104011) To convert from lb/103 gal to ke	142S	A	2S	A :	18	A	5	A	0.4 ^g	В

To convert from lb/10³ gal to kg/10³ L, multiply by 0.120. SCC=Source Classification Code.

References 1-2, 6-9, 14, 56-60. S indicates that the weight % of sulfur in the oil should be multiplied by the value given. For example, if the fuel is 1% sulfur, then S=1.

References 1-2, 6-8, 16, 57-60. S indicates that the weight % of sulfur in the oil should be multiplied by the value given. For example, if the fuel is 1% sulfur, then S=1.

References 6-7, 15, 19, 22, 56-62. Expressed as NO₂. Test results indicate that at least 95% by weight of NO_X is NO for all boiler types except residential furnaces, where about 75% is NO. For utility vertical fired boilers use 105 lb/10³ gal at full load and normal (>15%) excess air. Nitrogen oxides emissions from residential oil combustion in industrial and commercial boilers are related to fuel nitrogen content, estimated by the following empirical relationship: lb NO₂/10³ gal = 20.54 + 104.39(N), where N is the weight % of nitrogen in oil. For example, if the fuel is 1% nitrogen, then N = 1.

References 6-8, 14, 17-19, 56-61. CO emissions may increase by factors of 10 to 100 if the unit is improperly operated or not well maintained.

References 6-8, 10, 13-15, 56-60, 62-63. Filterable PM is that particulate collected on or prior to the filter of an EPA Method 5 (or equivalent) sampling train. Particulate emission factors for residual oil combustion are, on the average, a function of fuel oil sulfur content where S is the weight % of sulfur in oil. For example, if fuel is 1% sulfur, then S = I.

Based on data from new burner designs. Pre-1970's burner designs may emit filterable PM as high as 3.0 lb/10³ gal.

Table 1.3-3. EMISSION FACTORS FOR TOTAL ORGANIC COMPOUNDS (TOC), METHANE, AND NONMETHANE TOC (NMTOC) FROM UNCONTROLLED FUEL OIL COMBUSTION^a

EMISSION FACTOR RATING: A

	TOC ^b	Methaneb	NMTOC ^b	
Firing Configuration	Emission Factor	Emission Factor	Emission Factor	
(SCC)	(lb/10 ³ gal)	(lb/10 ³ gal)	(lb/10 ³ gal)	
Utility boilers	(1.2.2.3.3.2.)	(**************************************	(
No. 6 oil fired, normal firing (1-01-004-01)	1.04	0.28	0.76	
No. 6 oil fired, tangential firing (1-01-004-04)	1.04	0.28	0.76	
No. 5 oil fired, normal firing (1-01-004-05)	1.04	0.28	0.76	
No. 5 oil fired, tangential firing (1-01-004-06)	1.04	0.28	0.76	
No. 4 oil fired, normal firing (1-01-005-04)	1.04	0.28	0.76	
No. 4 oil fired, tangential firing (1-01-005-05)	1.04	0.28	0.76	
Industrial boilers				
No. 6 oil fired (1-01-004-01/02/03)	1.28	1.00	0.28	
No. 5 oil fired (1-01-004-04)	1.28	1.00	0.28	
Distillate oil fired (1-02-005-01/02/03)	0.252	0.052	0.2	
No. 4 oil fired (1-02-005-04)	0.252	0.052	0.2	
Commercial/institutional/residential combustors				
No. 6 oil fired (1-03-004-01/02/03)	1.605	0.475	1.13	
No. 5 oil fired (1-03-004-04)	1.605	0.475	1.13	
Distillate oil fired (1-03-005-01/02/03)	0.556	0.216	0.34	
No. 4 oil fired (1-03-005-04)	0.556	0.216	0.34	
Residential Furnaces (A2104004/A2104011)	2.493	1.78	0.713	

To convert from lb/10³ gal to kg/10³ L, multiply by 0.12. SCC=Source Classification Code.

References 29-32. Volatile organic compound emissions can increase by several orders of magnitude if the boiler is improperly operated or is not well maintained.

Table 1.3-2. CONDENSABLE PARTICULATE MATTER EMISSION FACTORS FOR OIL COMBUSTION^a

		CPM – TOT c,d CPM-IO		1-IOR ^{c,d}	CPM-ORG ^{c,d}		
Firing Configuration ^b (SCC)	Controls	Emission Factor (lb/10 ³ gal)	EMISSION FACTOR RATING	Emission Factor (lb/10 ³ gal)	EMISSION FACTOR RATING	Emission Factor (lb/10 ³ gal)	EMISSION FACTOR RATING
No. 2 oil fired (1-01-005-01, 1-02-005-01, 1-03-005-01)	All controls, or uncontrolled	1.3 d,e	D	65% of CPM- TOT emission factor ^c	D	35% of CPM- TOT emission factor ^c	D
No. 6 oil fired (1-01-004-01/04, 1-02-004-01, 1-03-004-01)	All controls, or uncontrolled	1.5	D	85% of CPM- TOT emission factor ^d	Е	15% of CPM- TOT emission factor ^d	Е

All condensable PM is assumed to be less than 1.0 micron in diameter.

No data are available for numbers 3, 4, and 5 oil. For number 3 oil, use the factors provided for number 2 oil. For numbers 4 and 5 oil, use the factors provided for number

CPM-TOT = total condensable particulate matter.

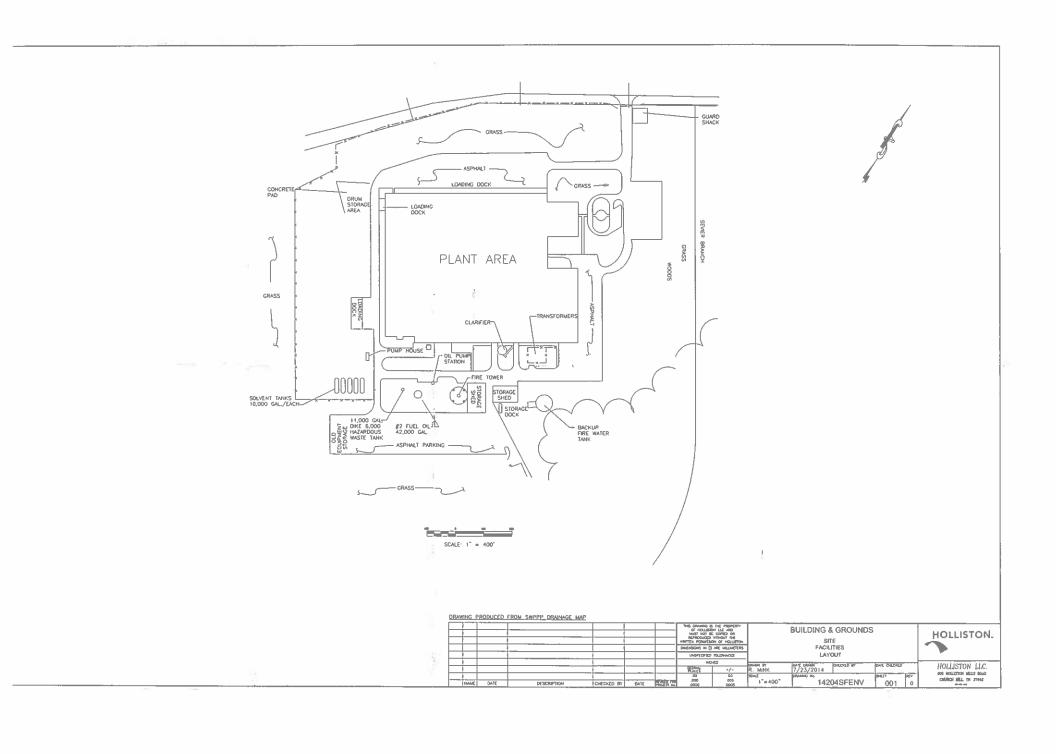
CPM-lOR = inorganic condensable particulate matter.

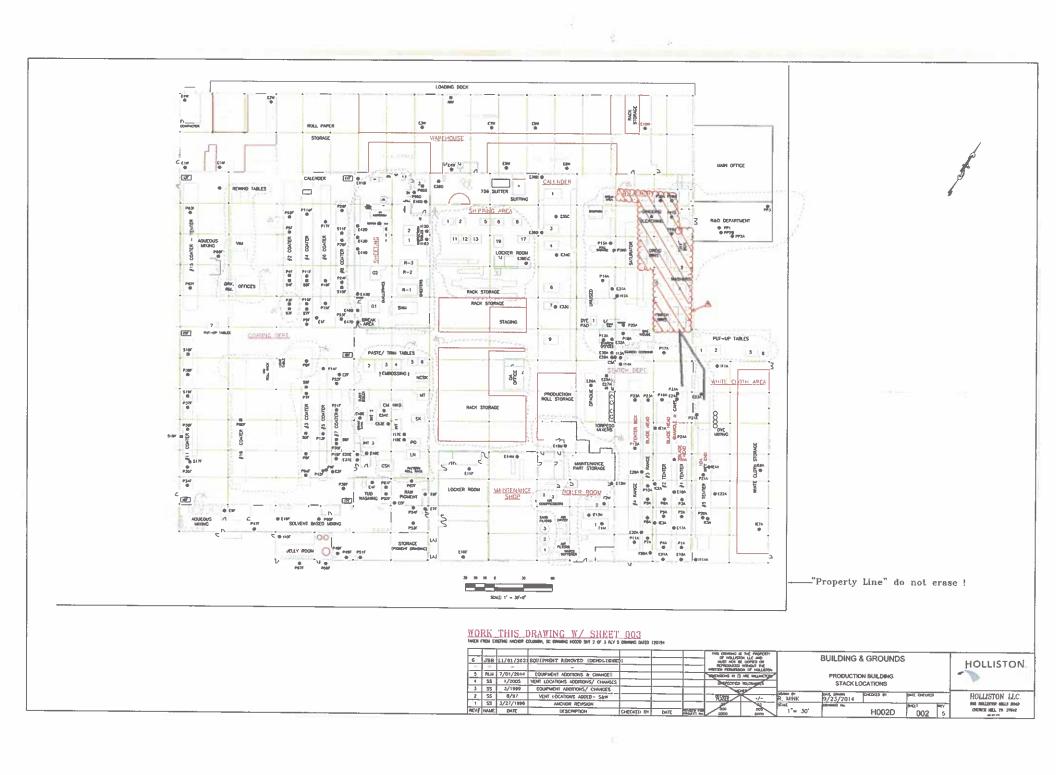
CPM-ORG = organic condensable particulate matter.

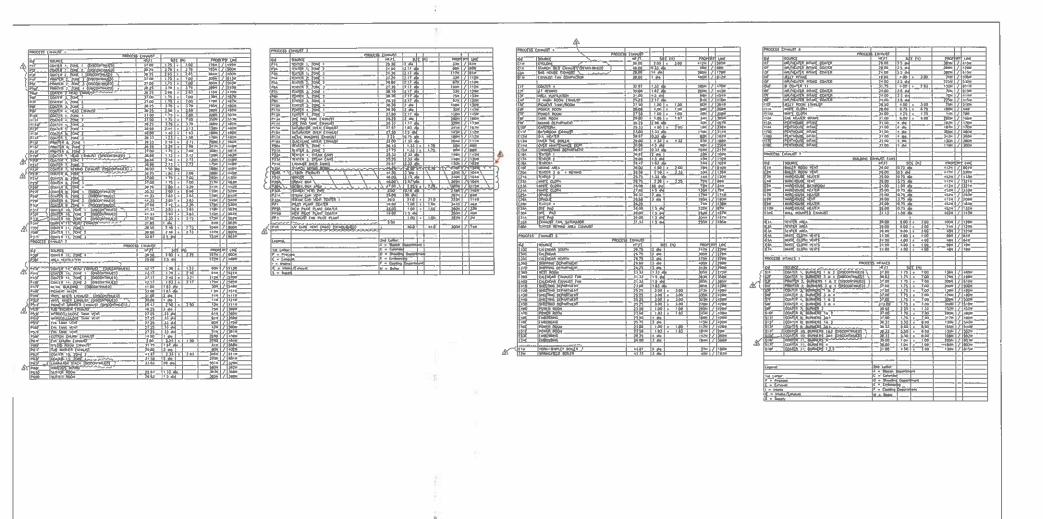
To convert to lb/MMBtu of No. 2 oil, divide by 140 MMBtu/103 gal. To convert to lb/MMBtu of No. 6 oil, divide by 150 MMBtu/103 gal.

References 76-78.

References 79-82.







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