#### New Jersey Department of Environmental Protection Reason for Application

#### **Permit Being Modified**

Permit Class: PCP Number: 120002

Description

Permit modification to Latex Batch Paint Manufacturing PCP120002 BP8701.

of Modifications: All Alkyd Paint production is eliminated.

Wash water tanks previously associated with this permit aret listed as insignificant as they

Date: 11/25/202

do not require a permit.

The following change is for the Latex Paint Production, OS1 with Dispersion Step ST1

and Equipment in Set ES2:

To add a new tank D1, a 3750 gallon dispersion tank, as E87152.

The following change for the Latex Paint Production, OS2 with Thinning & Shading Step

ST2 and Equipment in Set ES1:

To include three new Thinning & Shading Colorant Thin-down tanks, CTS11, CTS12 and CTS13 at 4400 gallons each, as E87153, E87154, and E87155 is instead being changed to

insignificant sources as they meet the exemption at NJAC 7:27 sub8.2(e)1.v.

Other sources were also found to be exmpt per NJAC 7:27 sub8.2(e)1.v, vi and vii reducing the total significant sources for this permit to 20.

The net effect will be reductions in emissions

Date: 11/25/2020 Benjamin Moore & Co., Inc. (05067)

#### **New Jersey Department of Environmental Protection Facility Profile (General)**

Facility Name (AIMS): Benjamin Moore & Co., Inc. Facility ID (AIMS): 05067

Street 134 LISTER AVE **State Plane Coordinates:** 

Address: NEWARK, NJ 07015 **X-Coordinate:** 593,673 Y-Coordinate: 694,366

> **Units:** New Jersey State Plane {

Mailing PO BOX 4000 Datum: NAD83

Address: FLANDERS, NJ 07836 **DEP-GIS Source Org.:** 

> **Source Type:** Digital Image

**County:** Essex **Industry:** 

Location PAINT MANUFACTURING **Primary SIC:** 2851

**Description: Secondary SIC:** 

**NAICS:** 325510

#### New Jersey Department of Environmental Protection Facility Profile (General)

**Contact Type: Air Permit Information Contact** 

Organization:Benjamin Moore & Co., Inc.Org. Type:CorporationName:Ron DeFrosciaNJ EIN:00263700001

Title: EH&S Process Manager

 Phone: (201) 538-7602 x
 Mailing
 134 Lister Avenue

 Fax: (973) 491-5675 x
 Address:
 Newark, NJ 07105

**Other:** ( ) - x

Type:

Email: Ron.DeFroscia@BenjaminMoore.com

**Contact Type: BAQE - Engineering** 

Organization:Benjamin MooreOrg. Type:CorporationName:Prokopis A. ChristouNJ EIN:00263700001

Title: Corporate EH&S Specialist

**Other:** ( ) - x

Type:

Email: prokopis.christou@benjaminmoore.com

**Contact Type: BAQE - Evaluation** 

Organization:Benjamin MooreOrg. Type:CorporationName:Prokopis A. ChristouNJ EIN:00263700001

**Title:** Corporate EH&S Specialist

**Phone:** (973) 252-2654 x **Mailing** 360 Route 206 **Fax:** (973) 252-2659 x **Address:** Flander, NJ 07836

**Other:** ( ) - x

Type:

Email: prokopis.christou@benjaminmoore.com

Page 2 of 6

#### New Jersey Department of Environmental Protection Facility Profile (General)

**Contact Type: Compliance Officer** Organization: Benjamin Moore & Co,, Inc. Org. Type: Corporation Name: Ron DeFroscia NJ EIN: 00263700001 Title: EH&S Process Manager **Phone:** (201) 538-7602 x Mailing 134 Lister Avenue Address: Newark, NJ 07105 **Fax:** (973) 491-5675 x **Other:** ( ) - x Type: Email: Ron.DeFroscia@BenjaminMoore.com **Contact Type: Consultant Organization:** Hydronics Corp. Org. Type: Corporation Name: John Yavorsky NJ EIN: 22180190100 Title: Consultant **Phone:** (908) 256-0961 x 5 Oak Fern Drive Mailing Address: Warren, NJ 07059 **Fax:** ( ) - x **Other:** ( ) - x Type: Email: yavorsky@gmail.com **Contact Type: Emission Statements Organization:** Benjamin Moore & Co., Inc. Org. Type: Corporation Name: Ron DeFroscia NJ EIN: 00263700001 Title: EH&S Process Manager **Phone:** (201) 538-7602 x Mailing 134 Lister Avenue Address: Newark, NJ 07105 **Fax:** (973) 491-5675 x **Other:** ( ) - x

Email: Ron.DeFroscia@BenjaminMoore.com

Type:

#### New Jersey Department of Environmental Protection Facility Profile (General)

**Contact Type: Environmental Officer** 

Organization:Benjamin Moore & Co., Inc.Org. Type:CorporationName:Ron DeFrosciaNJ EIN:00263700001

Title: EH&S Process Manager

**Phone:** (201) 538-7602 x **Mailing** 134 Lister Avenue **Fax:** (973) 491-5675 x **Mailing** Newark, NJ 07105

**Other:** ( ) - x

Type:

Email: Ron.DeFroscia@BenjaminMoore.com

**Contact Type: General Contact** 

Organization:Benjamin Moore & Co,, Inc.Org. Type:CorporationName:Ron DeFrosciaNJ EIN:00263700001

Title: EHS Specialist

**Other:** (201) 538-7602 x

Type: Mobile

Email: ron.defroscia@BenjaminMoore.com

**Contact Type: On-Site Manager** 

Organization:Benjamin Moore & Co,, Inc.Org. Type:CorporationName:Ron DeFrosciaNJ EIN:00263700001

Title: EH&S Process Manager

**Other:** ( ) - x

Type:

Email: Ron.DeFroscia@BenjaminMoore.com

Page 4 of 6

#### New Jersey Department of Environmental Protection Facility Profile (General)

**Contact Type: Operator** 

Organization:Benjamin Moore & Co., Inc.Org. Type:CorporationName:Ron DeFrosciaNJ EIN:00263700001

Title: EHS Specialist

**Other:** (201) 538-7602 x

Type: Mobile

Email: ron.defroscia@BenjaminMoore.com

**Contact Type: Regulation Officer** 

Organization:Benjamin Moore & Co,, Inc.Org. Type:CorporationName:Ron DeFrosciaNJ EIN:00263700001

Title: EH&S Process Manager

**Phone:** (201) 538-7602 x **Mailing** 134 Lister Avenue **Fax:** (973) 491-5675 x **Mailing** Newark, NJ 07105

**Other:** ( ) - x

Type:

Email: Ron.DeFroscia@BenjaminMoore.com

**Contact Type: Responsible Official** 

Organization:Benjamin Moore & Co,, Inc.Org. Type:CorporationName:Ron DeFrosciaNJ EIN:00263700001

Title: EH&S Process Manager

**Other:** ( ) - x

Type:

Email: Ron.DeFroscia@BenjaminMoore.com

### New Jersey Department of Environmental Protection Facility Profile (General)

**Contact Type: Responsible Party** 

Organization:Benjamin Moore & Co,, Inc.Org. Type:CorporationName:Ron DeFrosciaNJ EIN:00263700001

Title: EH&S Process Manager

 Phone: (201) 538-7602 x
 Mailing
 134 Lister Avenue

 Fax: (973) 491-5675 x
 Address:
 Newark, NJ 07105

**Other:** ( ) - x

Type:

Email: Ron.DeFroscia@BenjaminMoore.com

### New Jersey Department of Environmental Protection Facility Profile (Permitting)

Date: 11/25/2020

1. Is this facility classified as a small business by the USEPA?	No
2. Is this facility subject to N.J.A.C. 7:27-22?	No
3. Are you voluntarily subjecting this facility to the requirements of Subchapter 22?	No
4. Has a copy of this application been sent to the USEPA?	No
5. If not, has the EPA waived the requirement?	No
6. Are you claiming any portion of this application to be confidential?	No
7. Is the facility an existing major facility?	No
8. Have you submitted a netting analysis?	No
9. Are emissions of any pollutant above the SOTA threshold?	No
10. Have you submitted a SOTA analysis?	No
11. If you answered "Yes" to Question 9 and "No" to Question 10, explain why a SOTA analysis was not required	

12. Have you provided, or are you planning to provide air contaminant modeling?

### New Jersey Department of Environmental Protection Non-Source Fugitive Emissions

Date: 11/25/2020

FG	Description of	Location				Reasonab	le Estimat	e of Emiss	sions (tpy)	)	
NJID	Activity Causing Emission	Description	VOC (Total) NOx CO SO TSP PM-10 Pb HAPS (Total) (Total)								
FG1											
	T	Total									

IS	Source/Group	Equipment Type	Location				Estim	ate of Emi	ssions (tpy	·)		
NJID	Description		Description	VOC (Total)	NOx	CO	so	TSP	PM-10	Pb	HAPS (Total)	Other (Total)
IS1	Wash Water Mixers	Manufacturing and Materials Handling Equipment	Facility Floor	0.000							0.00000000	
IS87003	TS1 10,000 gal. Latex Thin & Shade	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87004	TS2 10,000 gal. Latex Thin & Shade	Manufacturing and Materials Handling Equipment	Facility Floor	0.263				0.000	0.000		0.13000000	0.244
IS87005	TS3 10,000 gal. Latex Thin & Shade	Manufacturing and Materials Handling Equipment	Facility Floor	0.263				0.000	0.220		0.13000000	0.244
IS87006	TS4 10,000 gal. Latex Thin & Shade	Manufacturing and Materials Handling Equipment	Facility Floor	0.263				0.000	0.220		0.13000000	0.244
IS87011	Portable tank #1 with Cowles Mixer #1, up to 350 gal.	Manufacturing and Materials Handling Equipment	Facility Floor	0.002				0.220	0.220			
IS87012	Colorant Mill #1 Horizontal Mill	Manufacturing and Materials Handling Equipment	Facility Floor									
IS87013	Colorant Mill #2 Horizontal Mill	Manufacturing and Materials Handling Equipment	Facility Floor									
IS87014	Colorant Mill #3 Horizontal Mill	Manufacturing and Materials Handling Equipment	Facility Floor									

IS Source/Group Equipment Type Location NJID Description Description								Estimate of Emissions (tpy)						
NJID	Description		Description	VOC (Total)	NOx	СО	so	TSP	PM-10	Pb	HAPS (Total)	Other (Total)		
IS87015	Colorant Mill #4 Horizontal Mill	Manufacturing and Materials Handling Equipment	Facility Floor											
IS87020	Colorant Mill #5 Horizontal Mill	Manufacturing and Materials Handling Equipment	Facility Floor											
IS87021	Portable tank #8 with Cowles Mixer #8, up to 350 gal.	Manufacturing and Materials Handling Equipment	Facility Floor	0.002				0.220	0.220					
IS87024	D12 Dispersion Tank 900 gal.	Manufacturing and Materials Handling Equipment	Platform #3	0.002				0.220	0.220					
IS87025	D13 Dispersion Tank 900 gal.	Manufacturing and Materials Handling Equipment	Platform #3	0.002				0.220	0.220					
IS87042	TK#31 5000 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263				0.000	0.000		0.13000000	0.244		
IS87043	TK#32 5000 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263				0.000	0.000		0.13000000	0.244		
IS87048	E 1650 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263				0.000	0.000		0.13000000	0.244		
IS87049	F 1650 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263				0.000			0.13000000	0.244		

IS	Source/Group	<b>Equipment Type</b>	Location				Estim	ate of Em	issions (tpy	)		
NJID	Description		Description	VOC (Total)	NOx	CO	so	TSP	PM-10	Pb	HAPS (Total)	Other (Total)
IS87053	W8 550 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87059	W14 1000 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87060	W18 1000 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87066	W24 1000 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87086	ROSCO #1 Cowles Mixer T&S for 400 gal. portable tank	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87087	ROSCO #2 Cowles Mixer T&S for 400 gal. portable tank	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87088	ROSCO #3 Cowles Mixer T&S for 150 gal. portable tank	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87089	ROSCO #4 Cowles Mixer T&S for 150 gal. portable tank	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87090	ROSCO #5 Cowles Mixer T&S for 150 gal. portable tank	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244

IS	Source/Group	Equipment Type	Location				Estim	ate of Em	issions (tpy	·)		
NJID	Description		Description	VOC (Total)	NOx	CO	so	TSP	PM-10	Pb	HAPS (Total)	Other (Total)
IS87097	31 1/2 Thickener Tank 100 gal.	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87098	28 1/2 Thickener Tank 100 gal.	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87125	36 3000 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87126	37 3000 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87137	CTS16 4400 gal.T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87138	CTS17 2775 gal.T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87139	CTS18 2775 gal.T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87140	CTS19 2775 gal.T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87141	CTS20 4400 gal.T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244

IS	Source/Group	Equipment Type	Location				Estim	ate of Em	issions (tpy	')		
NJID	Description		Description	VOC (Total)	NOx	CO	so	TSP	PM-10	Pb	HAPS (Total)	Other (Total)
IS87142	CTS21 2775 gal.T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87143	CTS22 2775 gal.T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87144	CTS15 4400 gal.T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87146	Colorant Mill #6 Horizontal Mill	Manufacturing and Materials Handling Equipment	Facility Floor									
IS87147	Colorant Mill #7 Horizontal Mill	Manufacturing and Materials Handling Equipment	Facility Floor									
IS87149	TS10 2470 gal T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87150	TS11 2470 gal T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87151	TS12 2470 gal T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87153	CTS11 4400 gal. T&S Colorant	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244

IS	Source/Group	Equipment Type	Location				Estim	ate of Emi	ssions (tpy	·)		
NJID	Description		Description	VOC (Total)	NOx	CO	so	TSP	PM-10	Pb	HAPS (Total)	Other (Total)
IS87154	CTS12 4400 gal. T&S Colorant	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87155	CTS13 4400 gal. T&S Colorant	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87156	Portable tank #3 with Cowles Mixer #3, up to 480 gal. 60Hp	Manufacturing and Materials Handling Equipment	Facility Floor	0.002				0.220	0.220			
		Total										

### New Jersey Department of Environmental Protection Equipment Inventory

Equip. NJID	Facility's Designation	Equipment Description	Equipment Type	Certificate Number	Install Date	Grand- Fathered	Last Mod. (Since 1968)	Equip. Set ID
E87001	MIX #1	7,500 GALLON LATEX DISPERSION TANK	Manufacturing and Materials Handling Equipment	PCP120002	1/1/2000	No	1/1/2000	ES2
E87002	MIX #2	7,500 GALLON LATEX DISPERSION TANK	Manufacturing and Materials Handling Equipment	PCP120002	5/1/1999	No	5/1/1999	ES2
E87019	D9	DISPERSION TANK - 3650 GAL ON PLATFORM #1	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996	ES2
E87022	D10	DISPERSION TANK - 1200 GAL ON PLATFORM #2	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996	ES2
E87023	D11	DISPERSION TANK - 1200 GAL ON PLATFORM #2	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996	ES2
E87116	L1, T1-T3	PAINT FILLING LINE - 2 GAL (including (1) 555 gal holding tanks)	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996	ES3
E87117	L2, T1-T2	PAINT FILLING LINE - 5 GAL (including (2) 650 gal holding tanks)	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996	ES3
E87120	L3, T1-T2	PAINT FILLING LINE - 1 GAL (including (2) 650 gal holding tanks)	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996	ES3
E87121	L4, T1	PAINT FILLING LINE -PINTS (including (1) 650 gal holding tank)	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996	ES3

### New Jersey Department of Environmental Protection Equipment Inventory

Equip. NJID	Facility's Designation	Equipment Description	Equipment Type	Certificate Number	Install Date	Grand- Fathered	Last Mod. (Since 1968)	Equip. Set ID
E87122	L5, T1-T2	ROSCO FILLED FROM ROLLERS	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996	ES3
E87123	L6	COLORANT FILLIING LINE - 1 QUART	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996	ES3
E87128	D2	MIXING TANK - 2500 GAL	Manufacturing and Materials Handling Equipment	PCP120002	11/15/2003	No	4/3/1996	ES2
E87129	D3	MIXING TANK - 4110 GAL	Manufacturing and Materials Handling Equipment	PCP120002	11/15/2003	No	4/3/1996	ES2
E87130	D4	MIXING TANK - 3750 GAL	Manufacturing and Materials Handling Equipment	PCP120002	11/15/2003	No	4/3/1996	ES2
E87131	D5	MIXING TANK - 2500 GAL	Manufacturing and Materials Handling Equipment	PCP120002	11/15/2003	No	4/3/1996	ES2
E87132	D6	MIXING TANK - 2500 GAL	Manufacturing and Materials Handling Equipment	PCP120002	11/15/2003	No	4/3/1996	ES2
E87133	D7	MIXING TANK - 3750 GAL	Manufacturing and Materials Handling Equipment	PCP120002	11/15/2003	No	4/3/1996	ES2
E87134	D8	MIXING TANK - 2500 GAL	Manufacturing and Materials Handling Equipment	PCP120002	11/15/2003	No	4/3/1996	ES2

Benjamin Moore & Co., Inc. (05067)

Date: 11/25/2020

### New Jersey Department of Environmental Protection Equipment Inventory

Equip. NJID	Facility's Designation	Equipment Description	Equipment Type	Certificate Number	Install Date	Grand- Fathered	Last Mod. (Since 1968)	Equip. Set ID
E87145	L8	COLORANT FILLING LINE - 1 GAL	Manufacturing and Materials Handling Equipment	PCP120002	11/15/2003	No	4/3/1996	ES3
E87152	D1	DISPERSANT TANK	Manufacturing and Materials Handling Equipment		11/15/2003	No	4/3/1996	ES2

### New Jersey Department of Environmental Protection Control Device Inventory

Date: 11/25/2020

CD NJID	Facility's Designation	Description	СD Туре	Install Date	Grand- Fathered	Last Mod. (Since 1968)	CD Set ID
CD8701	DC 001	DUST COLLECTOR	Particulate Filter (Cartridge)	9/1/1999	No	9/1/1999	
CD8702	DC 002	DUST COLLECTOR	Particulate Filter (Cartridge)	11/15/2003	No	11/15/2003	

### New Jersey Department of Environmental Protection Emission Points Inventory

Date: 11/25/2020

PT NJID	Facility's	Description	Config.	Equiv.	Height	Dist. to	Exhaus	st Temp.	(deg. F)	Exha	aust Vol. (a	cfm)	Discharge	PT Set ID
NJID	Designation			Diam. (in.)	(11.)	(ft.) Prop. Line (ft)	Avg.	Min.	Max.	Avg.	Min.	Max.	Direction	Set ID
PT8701	013	STACK #013 - BAGHOUSE	Round	26	45	205	75.0	50.0	105.0	20,000.0	15,000.0	22,000.0	Up	
PT8703	004	STACK #004	Round	36	52	120	75.0	50.0	105.0	20,000.0	18,000.0	22,000.0	Up	
PT8704	005	STACK #005	Round	18	44	180	75.0	50.0	105.0	2,300.0	2,000.0	2,600.0	Up	
PT8705	007	STACK #007	Round	18	44	360	75.0	50.0	105.0	5,200.0	4,900.0	5,500.0	Up	
PT8707	014	Stack #014 (7) North Wall Exhaust Fan	Round	36	22	140	85.0	60.0	90.0	50,000.0	10,000.0	100,000.0	Horizontal	
PT8708	015	STACK #015 - NORTH WALL FAN IN LOADING DOCK AREA	Round	26	11	135	70.0	60.0	80.0	5,000.0	2,000.0	7,500.0	Horizontal	
PT8710	VAPOR COL	VAPOR COLLECTION STACK	Round	24	40	198	60.0	32.0	180.0	13,000.0	13,000.0	13,000.0	Up	
PT100008	DC 002	DUST COLLECTOR DC 002	Round	24	40	237	60.0	32.0	180.0	12,750.0	12,750.0	12,750.0	Up	

Date: 11/25/2020

### New Jersey Department of Environmental Protection Emission Unit/Batch Process Inventory

#### **BP1 LATEX PAINT**

#### OS1 LATEX PAINT LATEX PAINT PRODUCTION BPOS Type: Batch Manufacturing

Batch Process Operating Scenario Run Time (hours) Min. Calc. Time: 3.5 Min. User Time: Max. User Time: Max. Calc. Time: 42.0 Flow Temp. Step Run **Operation** (deg F) Step Facility's Step Signif. Time Hours VOC (acfm) Control **Emission** SCC(s) **NJID** Designation **Description** Type Point(s) Equip. Device(s) Min. Max. Range Min. Min. Max. Max. 4.0 ST1 LATEX PAINT LATEX DISPERSION Normal - Steady ES2 PT100008 2.0 Α 200.0 1,000.0 60.0 160.0 CD8701 (P) 3-01-014-30 State CD8702 (P) PT8701 ST3 LATEX PAINT LATEX PAINT FILLING Normal - Steady ES3 6.0 A 0.0 7,500.0 PT8708 3-01-014-60 0.5 60.0 100.0 State

U 1

UOS	Facility's	UOS	Operation	Signif.	Control	Emission		Annual Oper. Hours VOC	Flow (acfm)	Temp. (deg F)
	•			0			SCC(s)	1 ,00	` ,	
NJID	Designation	Description	Type	Equip.	Device(s)	Point(s)	200(3)	Min. Max. Range	Min. Max.	Min. Max.

#### 05067 Benjamin Moore & Co., Inc.

Date: 11/25/2020

#### New Jersey Department of Environmental Protection Potential to Emit

Subject Item: BP1 LATEX PAINT

Operating Scenario: OS0 Summary

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Ammonia	0.00000000	0.11400000	0.11400000	0.11400000	tons/yr	No
HAPs (Total)	0.00000000	0.12900000	0.12900000	0.12900000	tons/yr	No
PM-10 (Total)	0.00000000	0.22000000	0.22000000	0.22000000	tons/yr	No
TSP	0.00000000	22.00000000	0.22000000	0.22000000	tons/yr	No
Vinyl acetate	0.00000000	0.13000000	0.13000000	0.13000000	tons/yr	No
VOC (Total)	0.00000000	0.26500000	0.26500000	0.26500000	tons/yr	No

Subject Item: BP1 LATEX PAINT
Operating Scenario: OS1 LATEX PAINT
Step: ST1 LATEX PAINT

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/step	No
PM-10 (Total)	0.00000000	0.22000000	0.22000000	0.22000000	lb/step	No
TSP	0.00000000	22.00000000	0.22000000	0.22000000	lb/step	No
VOC (Total)	0.00000000	0.00190000	0.00190000	0.00190000	lb/step	No

Subject Item: BP1 LATEX PAINT
Operating Scenario: OS1 LATEX PAINT
Step: ST3 LATEX PAINT

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/step	No
PM-10 (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/step	No

#### New Jersey Department of Environmental Protection Potential to Emit

Subject Item: BP1 LATEX PAINT
Operating Scenario: OS1 LATEX PAINT
Step: ST3 LATEX PAINT

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit	
TSP	0.00000000	0.00000000	0.00000000	0.00000000	lb/step	No	
VOC (Total)	0.00000000	0.00002800	0.00002800	0.00002800	lb/step	No	ĺ

# 000000 E87001 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials	
Handling Equipment:	Latex Dispersion Tank
Capacity:	7.50E+03
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

# 000000 E87002 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Latex Dispersion Tank
Capacity:	7.50E+03
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

# 000000 E87019 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials	
Handling Equipment:	Latex Dispersion Tank
Capacity:	3.65E+03
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

# 000000 E87022 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials	
Handling Equipment:	Latex Dispersion Tank
Capacity:	1.20E+03
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	_

# 000000 E87023 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Latex Dispersion Tank
Capacity:	1.20E+03
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

# 000000 E87116 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials	
Handling Equipment:	Paint Filling Line (1 Gallon Containers)
Capacity:	2.40E+03
Units:	other units
Description (if other):	gallons/hr
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

# 000000 E87117 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Paint Filling Line (5 Gallon Containers)
Capacity:	2.40E+03
Units:	other units
Description (if other):	gallons/hr
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

# 000000 E87120 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials	
Handling Equipment:	Paint Filling Line (1 Gallon Containers)
Capacity:	2.40E+03
Units:	other units
Description (if other):	gallons/hr
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

# 000000 E87121 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials	
Handling Equipment:	Paint Filling Line (2 Gallon Containers)
Capacity:	2.40E+03
Units:	other units
Description (if other):	gallons/hr
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

# 000000 E87122 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials	
Handling Equipment:	Paint Filling Line (5 Gallon Containers)
Capacity:	2.40E+03
Units:	other units
Description (if other):	gallons/hr
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

# 000000 E87123 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Colorant Filling Line (! Quart Container)
Capacity:	2.40E+03
Units:	other units
Description (if other):	gallons/hr
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

# 000000 E87128 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Mixing Tank
Capacity:	2.50E+03
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	<u>—</u>

# 000000 E87129 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	Industrial Metals
Model:	
Type of Manufacturing and Materials Handling Equipment:	Mixing tank
Capacity:	4.11E+03
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No ▼
Comments:	

### 000000 E87130 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	Industrial Metals
Model:	
Type of Manufacturing and Materials	
Handling Equipment:	Thinning and Shading Tank
Capacity:	3.75E+03
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

### 000000 E87131 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	Industrial Metals
Model:	
Type of Manufacturing and Materials	
Handling Equipment:	Mixing tank
Capacity:	2.50E+03
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

### 000000 E87132 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Mixing tank
Capacity:	2.50E+03
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

### 000000 E87133 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Thinning and Shading Tank
Capacity:	3.75E+03
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

### 000000 E87134 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	Industrial Metals
Model:	
Type of Manufacturing and Materials Handling Equipment:	Mixing tank
Capacity:	2.50E+03
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

### 000000 E87145 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Colorant Filling Line (1 Galllon Containers)
Capacity:	2.40E+03
Units:	other units
Description (if other):	gallons/hr
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No 🔻
Comments:	

### 000000 E87152 (Manufacturing and Materials Handling Equipment) Print Date: 11/25/2020

Make:	Cylindrical steel tank
Manufacturer:	unknown
Model:	custom
Type of Manufacturing and Materials Handling Equipment:	dispersant tank
Capacity:	3.75E+03
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No 🔻
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No ▼
Comments:	

### 000000 CD8701 (Particulate Filter (Cartridge)) Print Date: 11/25/2020

Make:	Tenkay
Manufacturer:	FARR CO.
Model:	49XL MARK IV
Number of Cartridges:	49
Size of Cartridges (ft²):	282.00
Total Cartridge Area (ft²):	
Maximum Design Temperature Capability (°F):	180.0
Maximum Design Air Flow Rate (acfm):	20,000.0
Maximum Air Flow Rate to Filter Area Ratio:	1.45
Minimum Operating Pressure Drop (in. H2O):	1.00
Maximum Operating Pressure Drop (in. H2O):	12.00
Maximum Inlet Temperature (°F):	105.0
Maximum Operating Exhuast Gas Flow Rate (acfm):	20,000.0
,	INCREASE IN PRESSURE DROP
Method for Determining When Cartridge Replacement is Required:	
Maximum Number of Sources Using this Apparatus as a Control Device (Include Permitted and Non-Permitted Sources):	178
Alternative Method to Demonstrate Control Apparatus is Operating Properly:	PRESSURE DROP MONITORING
Have you attached a Particle Size Distribution Analysis?	Yes No
Have you attached data from recent performance testing?	
Have you attached any manufacturer's data or specifications in support of the feasibility and/or effectiveness of this control apparatus?	
Have you attached a diagram showing	Yes ● No
the location and/or configuration of this control apparatus?	Yes       No

Comments:

### 000000 CD8702 (Particulate Filter (Cartridge)) Print Date: 11/25/2020

Make:	FARR GOLD
Manufacturer:	CAMFIL-FARR
Model:	GS-20
Number of Cartridges:	20
Size of Cartridges (ft²):	425.00
Total Cartridge Area (ft²):	8,500.00
Maximum Design Temperature Capability (°F):	180.0
Maximum Design Air Flow Rate (acfm):	13,000.0
Maximum Air Flow Rate to Filter Area Ratio:	1.53
Minimum Operating Pressure Drop (in. H2O):	0.25
Maximum Operating Pressure Drop (in. H2O):	8.00
Maximum Inlet Temperature (°F):	120.0
Maximum Operating Exhuast Gas Flow	
Rate (acfm):	13,000.0
Method for Determining When Cartridge Replacement is Required:	DIFFERENTIAL PRESSURE
Maximum Number of Sources Using	
this Apparatus as a Control Device (Include Permitted and Non-Permitted Sources):	9
Alternative Method to Demonstrate Control Apparatus is Operating Properly:	VISUAL
Have you attached a Particle Size Distribution Analysis?	✓ Yes   No
Have you attached data from recent performance testing?	Yes No
Have you attached any manufacturer's data or specifications in support of the feasibility and/or effectiveness of this control apparatus?	
	Yes No
Have you attached a diagram showing the location and/or configuration of this control apparatus?	
	Yes No
Comments:	

### New Jersey Department of Environmental Protection Reason for Application

### **Permit Being Modified**

Permit Class: PCP

Number: 120002

Description of Modifications:

Permit modification to Latex Batch Paint Manufacturing PCP120002 BP8701.

of Modifications: All Alkyd Paint production is eliminated.

Wash water tanks previously associated with this permit aret listed as insignificant as they

do not require a permit.

The following change is for the Latex Paint Production, OS1 with Dispersion Step ST1 and

Equipment in Set ES2:

To add a new tank D1, a 3750 gallon dispersion tank, as E87152.

The following change for the Latex Paint Production, OS2 with Thinning & Shading Step

ST2 and Equipment in Set ES1:

To include three new Thinning & Shading Colorant Thin-down tanks, CTS11, CTS12 and CTS13 at 4400 gallons each, as E87153, E87154, and E87155 is instead being changed to insignificant sources as they meet the exemption at NJAC 7:27 sub8.2(e)1.v.

Other sources were also found to be exmpt per NJAC 7:27 sub8.2(e)1.v, vi and vii reducing

The net effect will be reductions in emissions

the total significant sources for this permit to 20.

Benjamin Moore & Co., Inc. (05067)

IS	Source/Group	Equipment Type	Location	as (Fpri)			Estima	Estimate of Emissions (tpy)	sions (tpy)	•		
Oll	Description	8	Description	VOC (Total)	NOx	00	os	TSP	PM-10	Pb	HAPS (Total)	Other (Total)
ISI	Wash Water Mixers	Manufacturing and Materials Handling Equipment	Facility Floor	0.000							0.00000000	
IS87003	TS1 10,000 gal. Latex Thin & Shade	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87004	TS2 10,000 gal. Latex Thin & Shade	Manufacturing and Materials Handling Equipment	Facility Floor	0.263				0.000	0.000		0.13000000	0.244
1S87005	TS3 10,000 gal. Latex Thin & Shade	Manufacturing and Materials Handling Equipment	Facility Floor	0.263				0.000	0.220		0.1300000	0.244
1S87006	TS4 10,000 gal. Latex Thin & Shade	Manufacturing and Materials Handling Equipment	Facility Floor	0.263				0.000	0.220		0.1300000	0.244
1587011	Portable tank #1 with Cowles Mixer #1, up to 350 gal.	1.5.5.4	Facility Floor	0.002				0.220	0.220			
1587012	Colorant Mill #1 Horizontal Mill	Manufacturing and Materials Handling Equipment	Facility Floor									
IS87013	Colorant Mill #2 Horizontal Mill	Manufacturing and Materials Handling Equipment	Facility Floor									
IS87014	Colorant Mill #3 Horizontal Mill	Manufacturing and Materials Handling Equipment	Facility Floor									
1587015	Colorant Mill #4 Horizontal Mill	Manufacturing and Materials Handling Equipment	Facility Floor									

SI	Source/Group	Equipment Type	Location				Estima	Estimate of Emissions (tpy)	sions (tpy)			
Ŋ	Description		Description	VOC (Total)	NOx	CO	so	TSP	PM-10	Pb	HAPS (Total)	Other (Total)
IS87020	Colorant Mill #5 Horizontal Mill	Manufacturing and Materials Handling Equipment	Facility Floor			ř						
IS87021	Portable tank #8 with Cowles Mixer #8, up to	Manufacturing and Materials Handling	Facility Floor	0.002				0.220	0.220			
	350 gal.	Equipment										
IS87024	D12 Dispersion Tank	Manufacturing and Materials Handling	Platform #3	0.002				0.220	0.220			
	(	Equipment	72									
IS87025	D13 Dispersion Tank 900 gal.	Manufacturing and Materials Handling	Platform #3	0.002				0.220	0.220			
		Edulburent	1								20000	
IS87042	TK#31 5000 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263				0.000	0.000		0.13000000	0.244
IS87043	TK#32 5000 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263				0.000	0.000		0.13000000	0.244
IS87048	E 1650 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263			¥	0.000	0.000		0.13000000	0.244
IS87049	F 1650 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263		s		0.000			0.13000000	0.244
IS87053	W8 550 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263			-				0.13000000	0.244
IS87059	W14 1000 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244

SI	Source/Group	Equipment Type	Location				Estima	ite of Emi	Estimate of Emissions (tpy)			
Ŋ	Description		Description	VOC (Total)	NOx	СО	so	TSP	PM-10	Pb	HAPS (Total)	Other (Total)
IS87060	W18 1000 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87066	W24 1000 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87086	ROSCO #1 Cowles Mixer T&S for 400 gal. portable tank	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87087	owles or 400 gal.	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87088	ROSCO #3 Cowles Mixer T&S for 150 gal. portable tank	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87089	ROSCO #4 Cowles Mixer T&S for 150 gal. portable tank	Manufacturing and Materials Handling Equipment	Facility Floor	0.263						2.	0.13000000	0.244
IS87090	ROSCO #5 Cowles Mixer T&S for 150 gal. portable tank	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87097	31 1/2 Thickener Tank 100 gal.	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87098	28 1/2 Thickener Tank 100 gal.	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87125	36 3000 gal. T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263					,		0.13000000	0.244

IS87144 CTS15 4400 gal.T&S Manufacturing and Facility Floor 0.263 Materials Handling Equipment	IS87143 CTS22 2775 gal.T&S Manufacturing and Facility Floor 0.263 Materials Handling Equipment	IS87142 CTS21 2775 gal.T&S Manufacturing and Facility Floor 0.263 Materials Handling Equipment	IS87141 CTS20 4400 gal.T&S Manufacturing and Facility Floor 0.263 Materials Handling Equipment	IS87140 CTS19 2775 gal.T&S Manufacturing and Materials Handling Equipment 0.263	IS87139 CTS18 2775 gal.T&S Manufacturing and Facility Floor 0.263  Materials Handling Equipment	IS87138 CTS17 2775 gal.T&S Manufacturing and Facility Floor 0.263  Materials Handling Equipment	IS87137 CTS16 4400 gal.T&S Manufacturing and Facility Floor 0.263  Materials Handling Equipment	IS87126 37 3000 gal. T&S Manufacturing and Facility Floor 0.263  Materials Handling Equipment	NJID Description VOC NOx (Total)	Source/Group Equipment Type
									SO TSP PM-10 Pb	Estimate of Emissions (tpy)
0.13000000 0.244	0.13000000 0.244	0.13000000 0.244	0.13000000 0.244	0.13000000 0.244	0.13000000 0.244	0.13000000 0.244	0.13000000 0.244	0.13000000 0.244	HAPS Other (Total)	

SI	Source/Group	Equipment Type	Location				Estima	ite of Emis	Estimate of Emissions (tpy)			
NJID	Description		Description	VOC (Total)	NOx	СО	so	TSP	PM-10	Pb	HAPS (Total)	Other (Total)
IS87147	Colorant Mill #7 Horizontal Mill	Manufacturing and Materials Handling	Facility Floor					F				
IS87149	TS10 2470 gal T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87150	TS11 2470 gal T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87151	TS12 2470 gal T&S	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87153	CTS11 4400 gal. T&S Colorant	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87154	CTS12 4400 gal. T&S Colorant	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87155	CTS13 4400 gal. T&S Colorant	Manufacturing and Materials Handling Equipment	Facility Floor	0.263							0.13000000	0.244
IS87156	Portable tank #3 with Cowles Mixer #3, up to 480 gal. 60Hp	Manufacturing and Materials Handling Equipment	Facility Floor	0.002				0.220	0.220			
		Total										

Date: 11/23/2020

## New Jersey Department of Environmental Protection Equipment Inventory

Equip. NJID	Facility's Designation	Equipment Description	Equipment Type	Certificate Number	Install Date	Grand- Fathered	Last Mod. (Since 1968)
E87001	MIX #1	7,500 GALLON LATEX DISPERSION TANK	Manufacturing and Materials Handling Equipment	PCP120002	1/1/2000	No	1/1/2000
E87002	MIX #2	7,500 GALLON LATEX DISPERSION TANK	Manufacturing and Materials Handling Equipment	PCP120002	5/1/1999	No	5/1/1999
E87019	D9	DISPERSION TANK - 3650 GAL ON PLATFORM #1	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996
E87022	D10	DISPERSION TANK - 1200 GAL ON PLATFORM #2	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996
E87023	וום	DISPERSION TANK - 1200 GAL ON PLATFORM #2	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996
E87116	L1, T1-T3	PAINT FILLING LINE - 2 GAL (including (1) 555 gal holding tanks)	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996
E87117	L2, T1-T2	PAINT FILLING LINE - 5 GAL (including (2) 650 gal holding tanks)	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996
E87120	L3, T1-T2	PAINT FILLING LINE - I GAL (including (2) 650 gal holding tanks)	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	No	4/3/1996
E87121	L4, T1	PAINT FILLING LINE -PINTS (including (1) 650 gal holding tank)	Manufacturing and Materials Handling Equipment	PCP120002	1/1/1993	o N	4/3/1996

Date: 11/23/2020

## New Jersey Department of Environmental Protection Equipment Inventory

E87133 D7		E87132 D6	E87131 D5	E87130 D4	E87129 D3	E87128 D2	E87123 L6	E87122 L5, T1-T2	Equip. Facility's  NJID Designation
MIXING TANK - 2500 GAL	MIXING TANK - 3750 GAL	MIXING TANK - 2500 GAL	MIXING TANK - 2500 GAL	MIXING TANK - 3750 GAL	MIXING TANK - 4110 GAL	MIXING TANK - 2500 GAL	COLORANT FILLIING LINE - 1 QUART	ROSCO FILLED FROM ROLLERS	Equipment Description
Manufacturing and	Manufacturing and Materials Handling Equipment	Manufacturing and Materials Handling Equipment	Manufacturing and Materials Handling Equipment	Manufacturing and Materials Handling Equipment	Manufacturing and Materials Handling Equipment	Manufacturing and Materials Handling Equipment	Manufacturing and Materials Handling Equipment	Manufacturing and Materials Handling Equipment	Equipment Type
PCP120002	PCP120002	PCP120002	PCP120002	PCP120002	PCP120002	PCP120002	PCP120002	PCP120002	Certificate Number
11/15/2003	11/15/2003	11/15/2003	11/15/2003	11/15/2003	11/15/2003	11/15/2003	1/1/1993	1/1/1993	Install Date
No	No	No	No	No	No	No	N <sub>0</sub>	No	Grand- Fathered
4/3/1996	4/3/1996	4/3/1996	4/3/1996	4/3/1996	4/3/1996	4/3/1996	4/3/1996	4/3/1996	Last Mod. (Since 1968)
ES2	ES2	ES2	ES2	ES2	ES2	ES2	ES3	ES3	Equip. Set ID

Date: 11/23/2020

## New Jersey Department of Environmental Protection Equipment Inventory

Equip.	Facility's Designation	Equipment Description	Equipment Type	Certificate Number	Install Date	Grand- Fathered	Last Mod. (Since 1968)	Equip. Set ID
	(	,						
E87145	L8	COLORANT FILLING LINE -	Manufacturing and	PCP120002	11/15/2003 No	No	4/3/1996	ES3
		1 GAL	Materials Handling					
			Equipment					
E87152	DI	DISPERSANT TANK	Manufacturing and		11/15/2003 No	No	4/3/1996	ES2
			Materials Handling					
			Equipment	?				

Date: 11/23/2020

## New Jersey Department of Environmental Protection Emission Points Inventory

PT	Facility's	Description	Config.	Equiv.	Height	Dist. to	Exhaus	Exhaust Temp. (deg. F)	deg. F)	Exha	Exhaust Vol. (acfm)	efm)	Discharge Direction	Set ID
Z	Designation			(in.)	(11)	Line (ft)	Avg.	Min.	Max.	Avg.	Min.	Max.		
PT8701	013	STACK #013 - BAGHOUSE	Round	26	45	205	75.0	50.0	105.0	20,000.0	15,000.0	22,000.0 Up	Up	
PT8703	004	STACK #004	Round	36	52	120	75.0	50.0	105.0	20,000.0	18,000.0	22,000.0 Up	Up	
PT8704	005	STACK #005	Round	18	44	180	75.0	50.0	105.0	2,300.0	2,000.0	2,600.0 Up	Up	
PT8705	007	STACK #007	Round	18	44	360	75.0	50.0	105.0	5,200.0	4,900.0	5,500.0 Up	Up	
PT8707	014	Stack #014 (7) North Wall Exhaust Fan	Round	36	22	140	85.0	60.0	90.0	50,000.0	10,000.0	100,000.0 Horizontal	Horizontal	
PT8708	015	STACK #015 - NORTH WALL FAN IN LOADING DOCK AREA	Round	26	Ξ	135	70.0	60.0	80.0	5,000.0	2,000.0	7,500.0	7,500.0 Horizontal	
PT8710	VAPOR COL	VAPOR COLLECTION STACK	Round	24	40	198	60.0	32.0	180.0	13,000.0	13,000.0	13,000.0 Up	Up	
PT100008	DC 002	DUST COLLECTOR DC 002	Round	24	40	237	60.0	32.0	180.0	12,750.0	12,750.0	12,750.0 Up	Up	

## New Jersey Department of Environmental Protection Control Device Inventory

CD NJID	Facility's Designation	Description	СД Туре	Install Date	Grand- Fathered	Grand- Last Mod. Fathered (Since 1968)	CD Set ID
CD8701	DC 001	DUST COLLECTOR	Particulate Filter	9/1/1999	No	9/1/1999	
			(Cartridge)				
CD8702	DC 002	DUST COLLECTOR	Particulate Filter	11/15/2003	No	11/15/2003	
			(Cartridge)				

## New Jersey Department of Environmental Protection Emission Unit/Batch Process Inventory

### **BP1 LATEX PAINT**

# OS1 LATEX PAINT LATEX PAINT PRODUCTION BPOS Type: Batch Manufacturing

ST3	STI	7	Batc
		Step NJID	h Proce
LATEX PAINT	LATEX PAINT	Facility's Designation	ess Operating Scena
LATEX PAINT LATEX PAINT FILLING Normal - Steady ES3 State	LATEX PAINT LATEX DISPERSION	Step Description	Batch Process Operating Scenario Run Time (hours)
Normal - Steady State	Normal - Steady ES2 State	Operation Type	Min. Ca
ES3	ES2	Signif. Equip.	Min. Calc. Time: 3.5
	CD8701 (P) CD8702 (P)	Control Device(s)	
PT8708	PT100008 3-01 PT8701	Emission Point(s)	Max. Calc. Time: 42.0
3-01-014-60	3-01-014-30	SCC(s)	2.0
0.5	2.0	Step Run Time Hours VOC Min. Max. Range Min	Min. User Time:
6.0	2.0 4.0 A	urs 1ax.	ļ iģ
6.0 A	Α	VOC Range	
0.0	200.0	Flow (acfm) Min.	Max. User Time:
7,500.0	1,000.0	m) Max.	Time:
60.0	60.0	Temp. (deg F Min. M	
100.0	160.0	Temp. (deg F) n. Max.	

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	UOS
	Facility's Designation
	UOS Description
	Operation Type
	Signif. Equip.
	Control Device(s)
	Emission Point(s)
	SCC(s)
	Annual Oper. Hours Min. Max.
	VOC Range
	Flow (acfm)
	Max.
	Temp. (deg F) Min. Max.

## New Jersey Department of Environmental Protection Potential to Emit

Subject Item: BP1 LATEX PAINT

Operating Scenario: OS0 Summary

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Ammonia	0.000000000	0.11400000	0.11400000	0.11400000	0 tons/yr	No
HAPs (Total)	0.00000000	0.12900000	0.12900000	0.12900000 tons/yr	tons/yr	No
PM-10 (Total)	0.00000000	0.22000000	0.22000000	0.22000000 tons/yr	tons/yr	No
TSP	0.00000000	22.00000000	0.22000000	0.22000000	tons/yr	No
Vinyl acetate	0.00000000	0.13000000	0.13000000	0.13000000	0 tons/yr	No
VOC (Total)	0.000000000	0.26500000	0.26500000	0.26500000 tons/yr	tons/yr	No

Subject Item: BPI LATEX PAINT

Operating Scenario: OS1 LATEX PAINT

ST1 LATEX PAINT

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls After Control	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	1b/step	No
PM-10 (Total)	0.00000000	0.22000000	0.22000000	0.22000000	0 lb/step	No
TSP	0.00000000	22.00000000	0.22000000	0.22000000	lb/step	No
VOC (Total)	0.00000000	0.00190000	0.00190000	0.00190000	lb/step	No

Subject Item: BP1 LATEX PAINT

Operating Scenario: OS1 LATEX PAINT

ST3 LATEX PAINT

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls After Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
HAPs (Total)	0.00000000	0.00000000	0.000000000	0.000000000	lb/step	No
PM-10 (Total)	0.000000000	0.00000000	0.000000000	0.000000000	lb/step	No
			70			

## New Jersey Department of Environmental Protection Potential to Emit

Subject Item: BPI LATEX PAINT

Operating Scenario: OS1 LATEX PAINT

ST3 LATEX PAINT

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls After Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
TSP	0.00000000	0.00000000	0.00000000	0.00000000	lb/step	No
VOC (Total)	0.00000000	0.00002800	0.00002800	0.00002800	lb/step	No