ArdaghMetalPackaging

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105

Ardagh Metal Packaging N.A.
2433 Crocker Circle
Fairfield, CA 94533

T: (707) 437-6645
ardaghgroup.com

Attention: Title V Reports

TV Tracking #: 675

January 17, 2022

1. ☐ RECEIVED IN ENFORCEMENT: 01/31/2023

SUBJECT: Ardagh Metal Packaging, Fairfield - Plant # A1665
Semi-Annual, Monitoring Verification Report Second half - 2022

Dear Sir or Madam:

Per the requirements of our Major Facility Review Air Operating Permit, enclosed please find the completed Title V Semi-Annual Monitoring Verification Report for our above referenced facility located in Fairfield, California. Reporting period 7/01/2022 through 12/31/2022.

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

If you have any questions or require additional information, please contact me or my plant representative:

David.Trujillo@ArdaghGroup.com (707) 437-7401

Eric.Berkheimer@ArdaghGroup.com (707) 249-4909

Regards,

David Trujillo
Plant Manager

2433 Crocker Circle
Fairfield, CA 94533
Permit Site #A1665

Table VII-A
Applicable Limits and Compliance Monitoring Requirements
S-1 : Roller Coater, Line 1 & Line 3

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.3)	Y		Abatement Device efficiency ≥90%	BAAQMD 8-11-504	C	Temperature of thermal oxidizer unit	**YES**
VOC	NSPS Subpart WW, 60.492 (a)	Y		Exterior Base Coat: 0.29 kilogram of VOC per liter (2.42 lb./gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	**YES**
VOC	Condition #391, part 1	Y		34.6885 tons/yr, facility wide limit	Condition #391, part 12	P/M	Monthly calculation of VOC emissions from Coating Lines 1 and 3	**YES**
HAP	Condition #391, part 1	Y		<10 tons/yr., single HAP and <25 tons/yr., any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 3	**YES**

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Table VII-B
Applicable Limits and Compliance Monitoring Requirements
S-2: Coater Oven, Line 1 & Line 3

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.3)	Y		Abatement Device efficiency ≥90%	BAAQMD 8-11-504	C	Temperature of thermal oxidizer unit	**YES**
VOC	NSPS Subpart WW, 60.492 (a)	Y		Exterior Base Coat: 0.29 kilogram of VOC per liter (2.42 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	**YES**
	Condition #391, part 1	Y		34.6885 tons/yr, facility wide limit	Condition #391, part 12	P/M	Monthly calculation of VOC emissions from Coating Lines 1 and 3	**YES**
	Condition #391, part 5	Y		Abatement Device efficiency ≥95%	Condition #391, part 7	C	Temperature of thermal oxidizer unit	**YES**
	Condition #391, part 6	Y		Minimum thermal oxidizer Temperature of 1600 degrees F	Condition #391, part 7	C	Temperature of thermal oxidizer unit	**YES**
HAP	Condition #391, part 1	Y		<10 tons/yr., single HAP and <25 tons/yr., any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 3	**YES**
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12-month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors	**YES**

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Table VII-C
Applicable Limits and Compliance Monitoring Requirements
S-3, S-9: Printers, Line 1 & Line 2

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.3, 301.10)	Y		Abatement Device efficiency ≥90%	BAAQMD 8-11-504	C	Temperature of thermal oxidizer unit	**YES**
VOC	NSPS Subpart WW, 60.492 (b)	Y		Overvarnish: 0.46 kilogram of VOC per liter (3.84 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	**YES**
	Condition #391, part 1	Y		34.6885 tons/yr, facility wide limit	Condition #391, part 12	P/M	Monthly calculation of VOC emissions from Coating Lines 1 and 2	**YES**
HAP	Condition #391, part 1	Y		<10 tons/yr., single HAP and <25 tons/yr., any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2	**YES**
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12-month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors	**YES**

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Applicable Limits and Compliance Monitoring Requirements
S-31: Printer, Line 3

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.3, 301.10)	Y		Abatement Device efficiency ≥90%	BAAQMD 8-11-504	C	Temperature of thermal oxidizer unit	**YES**
VOC	NSPS Subpart WW, 60.492 (b)	Y		Overvarnish: 0.46 kilogram of VOC per liter (3.84 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	**YES**
	Condition #391, part 1	Y		34.6885 tons/yr, facility wide limit	Condition #391, part 12	P/M	Monthly calculation of VOC emissions from Coating Lines 1 and 2	**YES**
HAP	Condition #391, part 1	Y		<10 tons/yr, single HAP and <25 tons/yr, any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2	**YES**
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12-month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors	**YES**

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Table VII-D
Applicable Limits and Compliance Monitoring Requirements
S-4, S-10: Printer Ovens Line 1 & Line 2

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.3, 301.10)	Y		Abatement Device efficiency ≥90%	BAAQMD 8-11-504	C	Temperature of thermal oxidizer unit	**YES**
	NSPS Subpart WW, 60.492 (b)	Y		Overvarnish / Clear Basecoat: 0.46 kilogram of VOC per liter (3.84 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	**YES**
	Condition #391, part 1	Y		34.6885 tons/yr, facility wide limit	Condition #391, part 12	P/M	Monthly calculation of VOC emissions from Coating Lines 1 and 2	**YES**
VOC	Condition #391, part 5	Y		Abatement Device efficiency ≥95%	Condition #391, part 7	C	Temperature of thermal oxidizer unit	**YES**
	Condition #391, part 6	Y		Minimum thermal oxidizer Temperature of 1600 degrees F	Condition #391, part 7	C	Temperature of thermal oxidizer unit	**YES**
HAP	Condition #391, part 1	Y		<10 tons/yr., single HAP and <25 tons/yr., any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2	**YES**
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12-month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors	**YES**

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Applicable Limits and Compliance Monitoring Requirements
S-32: Printer Oven Line 3

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.3, 301.10)	Y		Abatement Device efficiency ≥90%	BAAQMD 8-11-504	C	Temperature of thermal oxidizer unit	**YES**
	NSPS Subpart WW, 60.492 (b)	Y		Overvarnish / Clear Basecoat: 0.46 kilogram of VOC per liter (3.84 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	**YES**
	Condition #391, part 1	Y		34.6885 tons/yr, facility wide limit	Condition #391, part 12	P/M	Monthly calculation of VOC emissions from Coating Lines 1 and 2	**YES**
VOC	Condition 26955, part 8	Y		Abatement Device efficiency ≥ 90%	Condition #26955, part 8	C	Temperature of thermal oxidizer unit	**YES**
	Condition #26955 part 13 and Condition #391, part 6	Y		Minimum thermal oxidizer Temperature of 1600 degrees F	Condition #26955, part 13 and Condition #391, part 6	C	Temperature of thermal oxidizer unit	**YES**
HAP	Condition #391, part 1	Y		<10 tons/yr., single HAP and <25 tons/yr., any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2	**YES**
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12-month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors	**YES**

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Table VII-E
Applicable Limits and Compliance Monitoring Requirements
S-5, S-11: Inside Spray Machines, Line 1 & Line 2

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.4)	Y		Abatement Device efficiency ≥90%	BAAQMD 8-11-504	C	Temperature of thermal oxidizer unit	**YES**
	NSPS Subpart WW, 60.492(c)	Y		Inside Spray: 0.89 kilogram of VOC per liter (7.43 lb./gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	**YES**
VOC	Condition #391, part 1	Y		34.6885 tons/yr, facility wide limit	Condition #391, part 12	P/M	Monthly calculation of VOC emissions from Coating Lines 1 and 2	**YES**
VOC	Condition #391, part 4	Y		Minimum Vacuum Pressure, 0.2 inches of water column (gauge)	Condition #391, part 4	P/D	Ventilation System negative pressure monitoring	**YES**
	Condition #391, part 5	Y		Abatement Device efficiency ≥95%	Condition #391, part 4	P/D	Ventilation System negative pressure monitoring	**YES**
	Condition #391, part 5	Y		Abatement Device efficiency ≥95%	Condition #391, part 7	C	Temperature of thermal oxidizer unit	**YES**
	Condition #391, part 6	Y		Minimum thermal oxidizer Temperature of 1,600 degrees F	Condition #391, part 7	C	Temperature of thermal oxidizer unit	**YES**

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Table VII-E
Applicable Limits and Compliance Monitoring Requirements
S-5, S-11: Inside Spray Machines, Line 1 & Line 2

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
HAP	Condition #391, part 1	Y		<10 tons/yr., single HAP and <25 tons/yr., any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2	**YES**
Opacity	BAAQMD Regulation 6-1-301	N		>Ringelmann No. 1 for no more than 3 minutes in any hour	Condition #16547, part 2, 3	P/Q	Baghouse Inspection	**YES**
	BAAQMD Regulation 6-1-310	N		0.15 gr/dscf	Condition #16547, part 2,3	P/Q	Baghouse Inspection	**YES**
Opacity	SIP Regulation 6-301	Y		>Ringelmann No. 1 for no more than 3 minutes in any hour	Condition #16547, part 2, 3	P/Q	Baghouse Inspection	**YES**
	SIP Regulation 6-310	Y		0.15 gr/dscf	Condition #16547, part 2, 3	P/Q	Baghouse Inspection	**YES**
Periods of Inopera-tion for Para-metric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12-month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors	**YES**

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Applicable Limits and Compliance Monitoring Requirements
S-33: Inside Spray Machines, Line 3

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.4)	Y		Abatement Device efficiency ≥90%	BAAQMD 8-11-504	C	Temperature of thermal oxidizer unit	**YES**
	NSPS Subpart WW, 60.492(c)	Y		Inside Spray: 0.89 kilogram of VOC per liter (7.43 lb./gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test. Monthly operating parameters	**YES**
VOC	Condition #391, part 1	Y		34.6885 tons/yr, facility wide limit	Condition #391, part 12	P/M	Monthly calculation of VOC emissions from Coating Lines 1 and 2	**YES**
PM	Condition #26955, part 4 20	Y		Pressure drop across the baghouse no lower than 2" of water and no greater than 12" of water	Condition # 26955, part 4 20. a	P/W	Ventilation System negative pressure monitoring	**YES**
VOC	Condition #26955, part 9	Y		Overall Abatement Device efficiency ≥90%	Condition #26955, part 4 9	P/D	Temperature of thermal oxidizer unit	**YES**
	Condition #26955, part 13	Y		Minimum thermal oxidizer Temperature of 1,600 degrees F	Condition #26955, part 13	C	Temperature of thermal oxidizer unit	**YES**
HAP	Condition #391, part 1	Y		<10 tons/yr., single HAP and <25 tons/yr., any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2	**YES**
Opacity	BAAQMD Regulation 6-1-301	N		>Ringelmann No. 1 for no more than 3 minutes in any hour	Condition #16547, part 2, 3	P/Q	Baghouse Inspection	**YES**

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Applicable Limits and Compliance Monitoring Requirements
S-33: Inside Spray Machines, Line 3

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
	BAAQMD Regulation 6-1-310	N		0.15 gr/dscf	Condition #16547, part 2,3	P/Q	Baghouse Inspection	**YES**
Opacity	SIP Regulation 6-301	Y		>Ringelmann No. 1 for no more than 3 minutes in any hour	Condition #16547, part 2, 3	P/Q	Baghouse Inspection	**YES**
	SIP Regulation 6-310	Y		0.15 gr/dscf	Condition #16547, part 2, 3	P/Q	Baghouse Inspection	**YES**
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12-month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors	**YES**

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Table VII-F
Applicable Limits and Compliance Monitoring Requirements
S-6, S-12: Bake Ovens, Line 1 & Line 2

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.4)	Y		Abatement Device efficiency ≥90%	BAAQMD 8-11-504	C	Temperature of thermal oxidizer unit	**YES**
	NSPS Subpart WW, 60.492 (c)	Y		Inside Spray Coat: 0.89 kilogram of VOC per liter (7.43 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	**YES**
	Condition #391, part 1	Y		34.6885 tons/yr, facility wide limit	Condition #391, part 12	P/M	Monthly calculation of VOC emissions from Coating Lines 1 and 2	**YES**
VOC	Condition #391, part 5	Y		Abatement Device efficiency ≥95%	Condition #391, part 7	C	Temperature of thermal oxidizer unit	**YES**
VOC	Condition #391, part 6	Y		Minimum thermal oxidizer Temperature of 1600 degrees F	Condition #391, part 7	C	Temperature of thermal oxidizer unit	**YES**
HAP	Condition #391, part 1	Y		<10 tons/yr., single HAP and <25 tons/yr., any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2	**YES**
Periods of Inopera-tion for Para-metric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12-month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors	**YES**

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Applicable Limits and Compliance Monitoring Requirements
S-34: Bake Ovens, Line 3

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.4)	Y		Abatement Device efficiency ≥90%	BAAQMD 8-11-504	C	Temperature of thermal oxidizer unit	**YES**
	NSPS Subpart WW, 60.492 (c)	Y		Inside Spray Coat: 0.89 kilogram of VOC per liter (7.43 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	**YES**
	Condition #391, part 1	Y		34.6885 tons/yr, facility wide limit	Condition #391, part 12	P/M	Monthly calculation of VOC emissions from Coating Lines 1 and 2	**YES**
VOC	Condition #26955, part 9	Y		Abatement Device efficiency ≥90%	Condition #26955, part 9	C	Temperature of thermal oxidizer unit	**YES**
VOC	Condition #26955, part 13	Y		Minimum thermal oxidizer Temperature of 1600 degrees F	Condition #26955, part 14	C	Temperature of thermal oxidizer unit	**YES**
HAP	Condition #391, part 1	Y		<10 tons/yr., single HAP and <25 tons/yr., any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2	**YES**
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12-month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors	**YES**

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Table VII-G
Applicable Limits and Compliance Monitoring Requirements
S-16: Scrap Collection System

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
Opacity	BAAQMD Regulation 6-1-301	N		≥Ringelmann No. 1 for no more than 3 minutes in any hour		N		**YES**
	BAAQMD Regulation 6-1-310	N		0.15 gr/dscf		N		**YES**
Opacity	SIP Regulation 6-301	Y		≥Ringelmann No. 1 for no more than 3 minutes in any hour		N		**YES**
	SIP Regulation 6-310	Y		0.15 gr/dscf		N		**YES**
FP	BAAQMD Regulation 6-1-311	N		2.7 lb./hr. (throughput = 1,000 lb./hr.)		N		**YES**
FP	SIP Regulation 6-311	Y		2.7 lb./hr. (throughput = 1,000 lb./hr.)		N		**YES**

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Table VII-H
Applicable Limits and Compliance Monitoring Requirements
S-17: Lime Silo

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
Opacity	BAAQMD Regulation 6-1-301	N		≥Ringelmann No. 1 for no more than 3 minutes in any hour	Condition #16548, part 2, 3	P/A	Visible Emissions Checks, Records for S-17	**YES**
	BAAQMD Regulation 6-1-310	N		0.15 gr/dscf		N		**YES**
Opacity	SIP Regulation 6-301	Y		≥Ringelmann No. 1 for no more than 3 minutes in any hour	Condition #16548, part 2, 3	P/A	Visible Emissions Checks, Records for S-17	**YES**
	SIP Regulation 6-310	Y		0.15 gr/dscf		N		**YES**
FP	BAAQMD Regulation 6-1-311	N		16.6 lb./hr. (throughput = 16,000 lb./hr.)		N		**YES**
FP	SIP Regulation 6-311	Y		16.6 lb./hr. (throughput = 16,000 lb./hr.)		N		**YES**

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Table VII – I
Applicable Limits and Compliance Monitoring Requirements
S-21: Emergency Diesel Fire Pump Engine

NOTE: Source 21, Fire pump not in operation during this reporting period. Down for failed diesel engine replacement. Just recently received AP permit from BAAQMD.

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
Fuel Sulfur Content	BAAQMD 9-1-304	Y		Sulfur content of liquid fuel ≤ 0.5% by weight	None	N	N/A	N/A
Fuel Sulfur Content	40 CFR Part 60 Subpart IIII 60.4207(a); 40 CFR Part 80 Subpart I 80.510(a) (1)	Y		Sulfur content of diesel fuel ≤ 500 ppm, maximum	None	N	N/A	N/A
Fuel Sulfur Content	40 CFR Part 60 Subpart IIII 60.4207(a); 40 CFR Part 80 Subpart I 80.510(b) (1)	Y		Sulfur content of diesel fuel ≤ 15 ppm, maximum	None	N	N/A	N/A
Hours of Operation	BAAQMD 9-8-330.3	N		<50 hours per calendar year for reliability testing	BAAQMD 9-8-530	C	Totalizing meter for hours of operation	N/A
					BAAQMD 9-8-520.1 & 9-1-530	M	Records	N/A
Hours of Operation	CCR, Title 17, Section 93115.6(b)(3)(A)(2)(b)	N		<= 50 hours/year for reliability-related activities	CCR, Title 17, Section 93115.10(e)(1)	C	Totalizing meter for hours of operation	N/A
					CCR, Title 17, Section 93115.10(g)	M	Records	N/A
Hours of Operation	40 CFR Part 60 Subpart IIII 60.4211(e)	Y		<= 100 hours/year for reliability-related activities	40 CFR Part 60 Subpart IIII 60.4209(a)	C	Totalizing meter for hours of operation	N/A
Hours of Operation	Condition 24495, Part 1	Y		<= 50 hours/year for reliability-related activities	Condition 24495, Part 3	C	Totalizing meter for hours of operation	N/A
					Condition 24495, Part 4	M	Records	N/A

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Fairfield, CA 94533
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Table VII – I
Applicable Limits and Compliance Monitoring Requirements
S-21: Emergency Diesel Fire Pump Engine

NOTE: Source 21, Fire pump not in operation during this reporting period. Down for failed diesel engine replacement. Just recently received AP permit from BAAQMD.

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
NMHC-NOx					None		N/A	N/A
CO					None		N/A	N/A
PM					None		N/A	N/A
Opacity	BAAQMD 6-1-303.1	N		Ringelmann No. 2 for no more than 3 minutes in any hour or equivalent opacity	None	N	N/A	N/A
Opacity	SIP Regulation 6-303.1	Y		Ringelmann No. 2 for no more than 3 minutes in any hour or equivalent opacity	None	N	N/A	N/A
FP	BAAQMD 6-1-310			0.15 gr/dscf Particulate Weight Limitation		N	N/A	N/A
FP	SIP Regulation 6-310	Y		0.15 gr/dscf Particulate Weight Limitation		N	N/A	N/A
SO_2	BAAQMD 9-1-301	N		GLC1 of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours	None	N	N/A	N/A
SO_2	BAAQMD 9-1-304	Y		0.5% sulfur in fuel by weight	None	N	N/A	N/A
SO_2		N		Sulfur content of fuel less than 0.05% by weight	None	N	N/A	N/A

ArdaghMetalPackaging

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105

Ardagh Metal Packaging N.A.
2433 Crocker Circle
Fairfield, CA 94533

T: (707) 437-6645
ardaghgroup.com

Attention: Title V Reports

January 17, 2022

SUBJECT: Ardagh Metal Packaging N.A. – Plant # A1665
Semi-Annual, Emission Compliance Demonstration
7/01/2022 through 12/31/2022

TV Tracking #: 675

1. ☐ RECEIVED IN ENFORCEMENT: 01/31/2023

Dear Sir or Madam,

Attached please find a copy of the Semi-Annual Emission Compliance Demonstration report for our two-piece can manufacture facility located in Fairfield, CA. We are required to demonstrate facility-wide compliance of less than 34.96 tons/year.

Please note that we are using all coating materials that conform to both the State and Federal regulation requirements. Our facility-wide monthly VOC emissions are as follows:

Month	Emissions (TPY)
July-	1.517
August-	1.709
September-	1.401
October-	1.271
November-	1.370
December-	1.056
6 Month Total	**8.324**

Attached are the calculation sheets for the six-month period for your review.

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

If you have any questions or require additional information, please contact me or my plant representative:

David.Trujillo@ArdaghGroup.com (707) 437-7401

Eric.Berkheimer@ARdaghGroup.com (707) 249-4909

Regards,

David Trujillo
Plant Manager

ARDAGH METAL PACKAGING USA CORP.
FAIRFIELD, CA FACILITY
MONTHLY EMISSION INVENTORY

SURFACE AREA FOR 12 OZ. REGULAR CANS:	39.48	SQ. IN.
SURFACE AREA FOR 16 OZ. REGULAR CANS:	51.08	SQ. IN.
16 TO 12 OZ. RATIO:	1.389	
LINE 1 & 2 PRODUCTION (12 OZ.) :	119,641,229	CANS
LINE 3 PRODUCTION (16 OZ.) :	56,426,566	CANS
EQUIVALENT 12 OZ. PRODUCTION ON LINE 3:	73,826,963	CANS
TOTAL EQUIVALENT 12 OZ. PRODUCTION:	193,468,132	CANS
% PRODUCTION ON LINES 1 & 2:	61.84%	%
% PRODUCTION ON LINE 3:	38.16%	%

REPORTING MONTH : 7/1/2022

TOTAL FACILITY COATING USAGES:

	GALLONS	POUNDS
Inside Spray:		
PPG 2012820 BPANI / IS	0	
PPG 2012823 BPANI / IS	24,575	
VALSPAR 20G53AP / IS	1,325	
VALSPAR V70Q11AA BPANI - GEN 2 / IS	15,499	
Varnish:		
PPG 3706806 / BV	324	
PPG 3803622 / OV	12,355	
PPG 9203802 - TACTILE / OV	1,262	
PPG9201-818A - MATTE' OV	0	
PPG9201821 CLEAR SATIN OV	387	
PPG9201811 / MATTE' OV	0	
METLAC S.P.A. OV	0	
Basecoat:		
PPG 3780018	483	
INK (lbs.)		15,883

VOC EMISSIONS — LINES 1 & 2 — 12 OZ. REGULAR CANS

MATERIAL	lb VOC/gal COATING MINUS WATER a	COATING DENSITY (lb/gal) w	WEIGHT % SOLID b1	VOLUME % SOLID b2	WEIGHT % SOLVENT c	WEIGHT % WATER d	lb VOC/gal SOLID e	CANS PRODUCED f	GALLON COATING APPLIED g	GALLON SOLIDS APPLIED h=b/2100xg	EMISSION FACTOR i	VOC EMISSIONS (tons) j=(hxa)/2000x
PRODUCTION - LINES 1 & 2								119,641,229				
Inside Spray:												
PPG 2012820 BPANI / IS	3.3	8.50	19.5	16.5	11.8	68.2	6.1		0	0.00	3.77%	0.00
PPG 2012823 BPANI / IS	3.5	8.40	21.0	17.7	14.6	64.4	6.9		15,672	2907.80	3.77%	0.38
VALSPAR 20G53AP / IS	3.5	8.43	21.1	17.8	14.4	64.5	6.8		819	145.86	3.77%	0.02
VALSPAR V70Q11AA BPANI - GEN 2 / IS	3.3	8.43	21.1	18.0	13.0	65.9	6.1		9,585	1728.23	3.77%	0.20
Varnish:												
PPG 3706806 / BV	2.1	8.10	47.5	41.4	13.2	39.3	2.9		200	82.95	3.77%	0.00
PPG 3803622 / OV	1.7	8.86	38.0	33.1	8.2	53.8	2.2		7,548	2498.46	3.77%	0.10
PPG 9203802 - TACTILE / OV	2.1	8.92	41.5	35.8	11.8	46.7	2.9		743	266.86	3.77%	0.01
PPG9201-818A - MATTE' OV	2.1	9.20	38.0	30.2	9.6	52.4	2.9		0	0.00	3.77%	0.00
PPG9201821 CLEAR SATIN OV	2.1	9.15	39.0	32.6	10.4	49.7	2.9		246	89.03	3.77%	0.00
PPG9201811 / MATTE' OV	2.1	9.15	39.5	32.2	10.3	50.2	2.9		0	0.00	3.77%	0.000
METLAC S.P.A. OV	1.03	8.84	42.2	37.0	12.4	45.4	2.4		0	0.00	3.77%	0.000
Basecoat:												
PPG 3780018	1.8	11.00	56.0	39.3	8.6	35.4	2.4		286	112.52	3.77%	0.01
INK (lbs.)				20					9,822		3.77%	0.04
PRINTER CLEANER* (Acetone - VOC Exempt)									36			0.00
PARTS CLEANER** (Safety-Kleen 105)									0			0.00
TOTAL VOC EMISSIONS												0.73

*PRINTER CLEANER: ACETONE - VOC EXEMPT

GALLONS a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC (lb) d=cxb	VOC (lb) e=axb-d
30	6.59	0	0	0

** PARTS CLEANER:

GALLONS USED a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC RECLAIMED (lb) d=cxb	VOC EMISSIONS (lb) e=axb-d
0	6.5	0	0	0

HAPS EMISSIONS — LINES 1 & 2 — 12 OZ. REGULAR CANS — 1 US TONS = 907.185 KILOGRAMS — VOC EMISSIONS IN KILOGRAMS: 12lb Tons 665.39 / 12oz Kilograms

MATERIAL	GALLONS OF COATING LIMIT/MONTH	POUNDS OF INK & SOLVENT LIMIT/MONTH	COATING DENSITY LB/GAL	EMISSION FACTOR	WEIGHT PERCENT XYLENE	DOME EMISSION POUNDS/MONTH 111-65-9 HAP	WEIGHT PERCENT XYLENE	DOBE EMISSION POUNDS/MONTH 112-34-5 HAP	WEIGHT PERCENT XYLENE	DOHE EMISSION POUNDS/MONTH 112-56-4 HAP	WEIGHT PERCENT HEXYL CELLOSOLVE	HEXYL CELLOSOLVE EMISSIONS POUNDS/MONTH 112-25-4 HAP	WEIGHT PERCENT ETHYL BENZENE	ETHYL BENZENE EMISSIONS POUNDS/MONTH 100-41-4 HAP	WEIGHT PERCENT XYLENE	XYLENE EMISSIONS POUNDS/MONTH 1330-20-7 HAP	WEIGHT PERCENT FREE FORMALDEHYDE (NCH0)	FREE FORMALDEHYDE (NCHO) EMISSION POUNDS/MONTH 50-00-0 HAP	WEIGHT PERCENT METHANOL	METHANOL POUNDS/MONTH 67-56-1 HAP	WEIGHT PERCENT PHENOL	PHENOL POUNDS/MONTH 108-95-2 HAP
INSIDE SPRAY																							
PPG 2012820 BPANI / IS	0		8.50	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	0.0000
PPG 2012823 BPANI / IS	15,672		8.40	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	4.7736
VALSPAR 20G53AP / IS	819		8.43	3.77%	0.00	0	0.00	0	0.00	0	0.30	1	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
VALSPAR V70Q11AA BPANI - GEN 2 / IS	9,585		8.43	3.77%	0.20	6	0.00	0	0.00	0	0.30	9	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.90	0.0000
OVER VARNISH																							
PPG 3803622	7,548		8.86	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0199	0.50	0.00	0.0000	0.00	0.0000
PPG 9203802 - TACTILE / OV	743		8.92	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0214	0.06	0.00	0.0000	0.00	0.0000
PPG9201-818A - MATTE' OV	0		9.20	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0136	0	0.00	0.0000	0.00	0.0000
PPG9201821 CLEAR SATIN OV	246		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0149	0	0.00	0.0000	0.00	0.0000
PPG9201811 / MATTE' OV	0		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000
METLAC S.P.A. OV	0		8.84	3.77%	0.00	0	0.80	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.0000	0	0.00	0.0000	0.00	0.0000
BOTTOM VARNISH																							
PPG 3706806	200		9.10	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
BASE COAT																							
PPG 3780018	286		10.95	3.77%	0.00	0	0.30	0	0.00	0	0.00	0	0.10	0	0.50	1	0.00	0	0.00	0.0000	0.00	0.0000
INKS		9,822		3.77%	0.00	0	0.00	0	0.20	1	0.00	0	0.00	0	0.00	0	0.02	0.07	0.02	0.0741	0.00	0.0000
FACILITY TOTAL EMISSIONS, POUNDS						6.00		0.16		0.74		9.97		0.17		0.50		0.64		0.0741		4.7736
FACILITY TOTAL EMISSIONS, TONS						0.0030		0.0001		0.0004		0.0050		0.0001		0.0003		0.0003		0.0000		0.0024

TOTAL FACILITY HAPS : 0.01 TONS

SINGLE FACILITY HAP : LESS THAN 10 TONS
TOTAL FACILITY HAPS : LESS THAN 25 TONS

BASED ON THE COMPLIANCE SOURCE TESTING PERFORMED ON OCTOBER 9 & 11, 2018 BY MONITRONIX AIR QUALITY SERVICES - RTO A8

CAPTURE EFFICIENCY:	97.3%
DESTRUCTION EFFICIENCY:	98.9%
TOTAL CONTROL EFFICIENCY:	96.2%
EMISSION FACTOR:	3.77%

VOC EMISSIONS — LINE 3 — 16 OZ. REGULAR CANS

MATERIAL	lb VOC/gal COATING MINUS WATER a	COATING DENSITY (lb/gal) w	WEIGHT % SOLID b1	VOLUME % SOLID b2	WEIGHT % SOLVENT c	WEIGHT % WATER d	lb VOC/gal SOLID e	CANS PRODUCED f	GALLON COATING APPLIED g	GALLON SOLIDS APPLIED h=b/2100xg	EMISSION FACTOR i	VOC EMISSIONS (tons) j=(hxa)/2000x
PRODUCTION - LINE 3					EQUIVALENT 12 OZ. PRODUCTION ON LINE 3:			73,826,963				
Inside Spray:												
PPG 2012820 BPANI / IS	3.3	8.50	19.5	16.5	11.8	68.2	6.1		0	0.00	6.53%	0.00
PPG 2012823 BPANI / IS	3.5	8.40	21.0	17.7	14.6	64.4	6.9		9,301	1648.22	6.53%	0.37
VALSPAR 20G53AP / IS	3.5	8.43	21.1	17.8	14.4	64.5	6.8		506	90.00	6.53%	0.02
VALSPAR V70Q11AA BPANI - GEN 2 / IS	3.3	8.43	21.1	18.0	13.0	65.9	6.1		5,914	1064.59	6.53%	0.21
Varnish:												
PPG 3706806 / BV	2.1	8.10	47.5	41.4	13.2	39.3	2.9		124	51.19	6.53%	0.00
PPG 3803622 / OV	1.7	8.86	38.0	33.1	8.2	53.8	2.2		4,658	1541.72	6.53%	0.11
PPG 9203802 - TACTILE / OV	2.1	8.92	41.5	35.8	11.8	46.7	2.9		458	164.67	6.53%	0.02
PPG9201-818A - MATTE' OV	2.1	9.20	38.0	30.2	9.6	52.4	2.9		0	0.00	6.53%	0.00
PPG9201821 CLEAR SATIN OV	2.1	9.15	39.0	32.6	10.4	49.7	2.9		151	49.39	6.53%	0.00
PPG9201811 / MATTE' OV	2.1	9.15	39.5	32.2	10.3	50.2	2.9		0	0.00	6.53%	0.000
METLAC S.P.A. OV	1.03	8.84	42.2	37.0	12.4	45.4	2.4		0	0.00	6.53%	0.000
Basecoat:												
PPG 3780018	1.8	11.00	56.0	39.3	8.6	35.4	2.4		177	69.44	6.53%	0.01
INK (lbs.)				20					6,061		6.53%	0.04
PRINTER CLEANER* (Acetone - VOC Exempt)									20			0.00
PARTS CLEANER** (Safety-Kleen 105)									0			0.00
TOTAL VOC EMISSIONS												0.78

*PRINTER CLEANER: ACETONE - VOC EXEMPT

GALLONS a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC (lb) d=cxb	VOC (lb) e=axb-d
20	6.59	0	0	0

** PARTS CLEANER:

GALLONS USED a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC RECLAIMED (lb) d=cxb	VOC EMISSIONS (lb) e=axb-d
0	6.5	0	0	0

Total 12 & 16 oz.: 1,517
12lb Tons: 711.13
16oz Kilograms: 5,376.41

HAPS EMISSIONS — LINE 3 — 16 OZ. REGULAR CANS — 1 US TONS = 907.185 KILOGRAMS — VOC EMISSIONS IN KILOGRAMS: 16oz Kilograms

MATERIAL	GALLONS OF COATING LIMIT/MONTH	POUNDS OF INK & SOLVENT LIMIT/MONTH	COATING DENSITY LB/GAL	EMISSION FACTOR	WEIGHT PERCENT XYLENE	DOME EMISSION POUNDS/MONTH 111-65-9 HAP	WEIGHT PERCENT XYLENE	DOBE EMISSION POUNDS/MONTH 112-34-5 HAP	WEIGHT PERCENT XYLENE	DOHE EMISSION POUNDS/MONTH 112-56-4 HAP	WEIGHT PERCENT HEXYL CELLOSOLVE	HEXYL CELLOSOLVE EMISSIONS POUNDS/MONTH 112-25-4 HAP	WEIGHT PERCENT ETHYL BENZENE	ETHYL BENZENE EMISSIONS POUNDS/MONTH 100-41-4 HAP	WEIGHT PERCENT XYLENE	XYLENE EMISSIONS POUNDS/MONTH 1330-20-7 HAP	WEIGHT PERCENT FREE FORMALDEHYDE (NCH0)	FREE FORMALDEHYDE (NCHO) EMISSION POUNDS/MONTH 50-00-0 HAP	WEIGHT PERCENT METHANOL	METHANOL POUNDS/MONTH 67-56-1 HAP	WEIGHT PERCENT PHENOL	PHENOL POUNDS/MONTH 108-95-2 HAP
INSIDE SPRAY																							
PPG 2012820 BPANI / IS	0		8.50	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	0.0000
PPG 2012823 BPANI / IS	9,301		8.40	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	5.1025
VALSPAR 20G53AP / IS	506		8.43	6.53%	0.00	0	0.00	0	0.00	0	0.30	1	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
VALSPAR V70Q11AA BPANI - GEN 2 / IS	5,914		8.43	6.53%	0.20	7	0.00	0	0.00	0	0.30	10	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
OVER VARNISH																							
PPG 3803622	4,658		8.86	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0199	0.54	0.00	0.0000	0.00	0.0000
PPG 9203802 - TACTILE / OV	458		8.92	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0214	0.06	0.00	0.0000	0.00	0.0000
PPG9201-818A - MATTE' OV	0		9.20	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0136	0	0.00	0.0000	0.00	0.0000
PPG9201821 CLEAR SATIN OV	151		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0149	0	0.00	0.0000	0.00	0.0000
PPG9201811 / MATTE' OV	0		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000
METLAC S.P.A. OV	0		8.84	3.77%	0.00	0	0.80	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.0000	0	0.00	0.0000	0.00	0.0000
BOTTOM VARNISH																							
PPG 3706806	124		9.10	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
BASE COAT																							
PPG 3780018	177		10.95	6.53%	0.00	0	0.30	0	0.00	0	0.00	0	0.10	0	0.50	1	0.00	0	0.00	0.0000	0.00	0.0000
INKS		6,061		6.53%	0.00	0	0.00	0	0.20	1	0.00	0	0.00	0	0.00	0	0.02	0.08	0.02	0.0792	0.00	0.0000
FACILITY TOTAL EMISSIONS, POUNDS						6.51		0.16		0.79		10.60		0.13		0.63		0.68		0.0797		5.1025
FACILITY TOTAL EMISSIONS, TONS						0.0033		0.0001		0.0004		0.0053		0.0001		0.0003		0.0003		0.0000		0.0026

TOTAL FACILITY HAPS : 0.01 TONS

SINGLE FACILITY HAP : LESS THAN 10 TONS
TOTAL FACILITY HAPS : LESS THAN 25 TONS

BASED ON THE COMPLIANCE SOURCE TESTING PERFORMED ON OCTOBER 16, 2019 BY MONITRONIX AIR QUALITY SERVICES - RTO A11

CAPTURE EFFICIENCY:	94.7%
DESTRUCTION EFFICIENCY:	98.7%
TOTAL CONTROL EFFICIENCY:	93.5%
EMISSION FACTOR:	6.53%

ARDAGH METAL PACKAGING USA CORP.
FAIRFIELD, CA FACILITY
MONTHLY EMISSION INVENTORY

REPORTING MONTH: 9/1/2022

SURFACE AREA FOR 12 OZ. REGULAR CANS:	30.48	SQ. IN.
SURFACE AREA FOR 16 OZ. REGULAR CANS:	51.00	SQ. IN.
16 TO 12 OZ. RATIO:	1.309	
LINE-S 1 & 2 PRODUCTION (12 OZ.) :	123,734,486	CANS
LINE 3 PRODUCTION (16 OZ.) :	56,309,432	CANS
EQUIVALENT 12 OZ. PRODUCTION ON LINE 3:	76,294,587	CANS
TOTAL EQUIVALENT 12 OZ. PRODUCTION:	200,029,073	CANS
% PRODUCTION ON LINES 1 & 2:	61.86%	%
% PRODUCTION ON LINE 3:	38.14%	%

TOTAL FACILITY COATING USAGES:

	GALLONS	POUNDS
Inside Spray:		
PPG 2012820 BPANI / IS	0	
PPG 2012823 BPANI / IS	22,507	
VALSPAR 20Q63AP / IS	1,524	
VALSPAR V70Q11AA BPANI - GEN 2 / IS	21,947	
Varnish:		
PPG 3786806 / BV	594	
PPG 3803622 / OV	15,159	
PPG 9203802 - TACTILE / OV	513	
PPG9201-816A - MATTE' OV	0	
PPG9201821 CLEAR SATIN OV	690	
PPG9201811 / MATTE' OV	0	
METLAC S.P.A. OV	0	
Basecoat:		
PPG 3780018	1,025	
INK (lbs.)		17,527

VOC EMISSIONS — LINES 1 & 2 — 12 OZ. REGULAR CANS

MATERIAL	lb VOC/gal COATING MINUS WATER (a)	COATING DENSITY (lb/gal) (w)	WEIGHT % SOLID (b1)	VOLUME % SOLID (b2)	WEIGHT % SOLVENT (c)	WEIGHT % WATER (d)	lb VOC/gal SOLID (e)	CANS PRODUCED (f)	GALLON COATING APPLIED (g)	GALLON SOLIDS APPLIED (h=b2/100xg)	EMISSION FACTOR (i)	VOC EMISSIONS (tons) (j=(bxwxg/2000)x)
PRODUCTION - LINES 1 & 2								123,734,486				
Inside Spray:												
PPG 2012820 BPANI / IS	3.3	8.50	19.5	16.5	11.8	68.2	6.1		0	0.00	3.77%	0.00
PPG 2012823 BPANI / IS	3.5	8.40	21.0	17.7	14.6	64.4	6.9		14,170	2508.07	3.77%	0.33
VALSPAR 20Q63AP / IS	3.5	8.43	21.1	17.8	14.4	64.5	6.8		963	187.80	3.77%	0.02
VALSPAR V70Q11AA BPANI - GEN 2 / IS	3.3	8.43	21.1	18.0	13.0	65.0	6.1		13,576	2443.67	3.77%	0.28
Varnish:												
PPG 3786806 / BV	2.1	8.10	47.5	41.4	13.2	39.3	2.9		225	93.22	3.77%	0.01
PPG 3803622 / OV	1.7	8.86	38.0	33.1	8.2	53.8	2.2		9,376	3103.64	3.77%	0.13
PPG 9203802 - TACTILE / OV	2.1	8.92	41.8	36.9	11.8	46.7	2.9		317	113.92	3.77%	0.01
PPG9201-816A - MATTE' OV	2.1	9.20	36.0	30.2	9.6	52.4	2.9		0	0.00	3.77%	0.00
PPG9201821 CLEAR SATIN OV	2.1	9.15	36.9	32.6	10.4	49.7	2.9		383	99.81	3.77%	0.01
PPG9201811 / MATTE' OV	2.1	9.15	36.5	32.2	10.3	50.2	2.9		0	0.00	3.77%	0.000
METLAC S.P.A. OV	1.03	8.84	42.2	37.0	12.4	46.4	2.4		0	0.00	3.77%	0.000
Basecoat:												
PPG 3780018	1.8	11.00	56.0	39.3	8.8	36.4	2.4		634	249.18	3.77%	0.01
INK (lbs.)				20					10,842		3.77%	0.04
PRINTER CLEANER* (Acetone - VOC Exempt)									36			0.00
PARTS CLEANER** (Safety-Kleen 105)									0			0.00
TOTAL VOC EMISSIONS												0.83

*PRINTER CLEANER: ACETONE - VOC EXEMPT

GALLONS a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC (lb) d=cxb	VOC (lb) e=axb-d
35	6.59	0	0	0

** PARTS CLEANER:

GALLONS USED a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC RECLAIMED (lb) d=cxb	VOC EMISSIONS (lb) e=axb-d
0	6.5	0	0	0

1.20 Tons
749.65
12oz Kilograms

HAPS EMISSIONS — LINES 1 & 2 — 12 OZ. REGULAR CANS — 1 US TONS = 907.185 KILOGRAMS — VOC EMISSIONS IN KILOGRAMS

MATERIAL	GALLONS OF COATING LIST/MONTH	POUNDS OF INK & SOLVENT LIST/MONTH	COATING DENSITY LB/GAL	EMISSION FACTOR	WEIGHT PERCENT DOME	DOME EMISSION POUNDS/MONTH 111-90-0 HAP	WEIGHT PERCENT DOBE	DOBE EMISSION POUNDS/MONTH 112-34-5 HAP	WEIGHT PERCENT DOHE	DOHE EMISSION POUNDS/MONTH 112-59-4 HAP	WEIGHT PERCENT HEXYL CELLOSOLVE	HEXYL CELLOSOLVE EMISSIONS POUNDS/MONTH 112-25-4 HAP	WEIGHT PERCENT ETHYL BENZENE	ETHYL BENZENE EMISSIONS POUNDS/MONTH 100-41-4 HAP	WEIGHT PERCENT XYLENE	XYLENE EMISSIONS POUNDS/MONTH 1330-20-7 HAP	WEIGHT PERCENT FREE FORMALDEHYDE (HCHO)	FREE FORMALDEHYDE (HCHO) EMISSION POUNDS/MONTH 50-00-0 HAP	WEIGHT PERCENT METHANOL	METHANOL POUNDS/MONTH 67-56-1 HAP	WEIGHT PERCENT PHENOL	PHENOL POUNDS/MONTH 108-95-2 HAP
INSIDE SPRAY																						
PPG 2012820 BPANI / IS	0		8.50	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	0.0000
PPG 2012823 BPANI / IS	14,170		8.40	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	4.4677
VALSPAR 20Q63AP / IS	963		8.43	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
VALSPAR V70Q11AA BPANI - GEN 2 / IS	13,576		8.43	3.77%	0.20	9	0.00	0	0.00	0	0.30	13	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
OVER VARNISH																						
PPG 3803622	9,376		8.86	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0199	0.62	0.00	0.0000	0.00	0.0000
PPG 9203802 - TACTILE / OV	317		8.92	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0214	0.02	0.00	0.0000	0.00	0.0000
PPG9201-816A - MATTE' OV	0		9.20	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0136	0	0.00	0.0000	0.00	0.0000
PPG9201821 CLEAR SATIN OV	383		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0146	0	0.00	0.0000	0.00	0.0000
PPG9201811 / MATTE' OV	0		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000
METLAC S.P.A. OV	0		8.84	3.77%	0.00	0	0.80	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.0000	0	0.00	0.0000	0.00	0.0000
BOTTOM VARNISH																						
PPG 3786806	225		9.10	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
BASE COAT																						
PPG 3780018	634		10.96	3.77%	0.00	0	0.30	1	0.00	0	0.00	0	0.10	0	0.50	1	0.00	0	0.00	0.0000	0.00	0.0000
INKS	10,842			3.77%	0.00	0	0.00	0	0.20	1	0.00	0	0.00	0	0.00	0	0.02	0.08	0.02	0.0818	0.00	0.0000
FACILITY TOTAL EMISSIONS POUNDS						8.63		0.75		0.87		13.52		0.36		1.31		0.79		0.5818		4.4677
FACILITY TOTAL EMISSIONS TONS						0.0043		0.0004		0.0004		0.0068		0.0001		0.0007		0.0004		0.0003		0.0022

TOTAL FACILITY HAPS : 0.02 TONS

SINGLE FACILITY HAP : LESS THAN 10 TONS
TOTAL FACILITY HAPS : LESS THAN 25 TONS

BASED ON THE COMPLIANCE SOURCE TESTING PERFORMED ON OCTOBER 9 & 11, 2019 BY MONTROSE AIR QUALITY SERVICES - RTO A6

CAPTURE EFFICIENCY:	97.3%
DESTRUCTION EFFICIENCY:	98.9%
TOTAL CONTROL EFFICIENCY:	96.2%
EMISSION FACTOR:	3.77%

VOC EMISSIONS — LINE 3 — 16 OZ. REGULAR CANS

MATERIAL	lb VOC/gal COATING MINUS WATER (a)	COATING DENSITY (lb/gal) (w)	WEIGHT % SOLID (b1)	VOLUME % SOLID (b2)	WEIGHT % SOLVENT (c)	WEIGHT % WATER (d)	lb VOC/gal SOLID (e)	CANS PRODUCED (f)	GALLON COATING APPLIED (g)	GALLON SOLIDS APPLIED (h=b2/100xg)	EMISSION FACTOR (i)	VOC EMISSIONS (tons) (j=(bxwxg/2000)x)
PRODUCTION - LINE 3						EQUIVALENT 12 OZ. PRODUCTION ON LINE 3:		76,294,587				
Inside Spray:												
PPG 2012820 BPANI / IS	3.3	8.50	19.5	16.5	11.8	68.2	6.1		0	0.00	6.53%	0.00
PPG 2012823 BPANI / IS	3.5	8.40	21.0	17.7	14.6	64.4	6.9		8,737	1546.47	6.53%	0.26
VALSPAR 20Q63AP / IS	3.5	8.43	21.1	17.8	14.4	64.5	6.8		581	103.47	6.53%	0.02
VALSPAR V70Q11AA BPANI - GEN 2 / IS	3.3	8.43	21.1	18.0	13.0	65.0	6.1		8,371	1506.76	6.53%	0.30
Varnish:												
PPG 3786806 / BV	2.1	8.10	47.5	41.4	13.2	39.3	2.9		139	57.48	6.53%	0.01
PPG 3803622 / OV	1.7	8.86	38.0	33.1	8.2	53.8	2.2		5,781	1913.64	6.53%	0.14
PPG 9203802 - TACTILE / OV	2.1	8.92	41.8	36.9	11.8	46.7	2.9		196	70.24	6.53%	0.01
PPG9201-816A - MATTE' OV	2.1	9.20	36.0	30.2	9.6	52.4	2.9		0	0.00	6.53%	0.00
PPG9201821 CLEAR SATIN OV	2.1	9.15	36.9	32.6	10.4	49.7	2.9		187	60.93	6.53%	0.01
PPG9201811 / MATTE' OV	2.1	9.15	36.5	32.2	10.3	50.2	2.9		0	0.00	6.53%	0.000
METLAC S.P.A. OV	1.03	8.84	42.2	37.0	12.4	46.4	2.4		0	0.00	6.53%	0.000
Basecoat:												
PPG 3780018	1.8	11.00	56.0	39.3	8.8	36.4	2.4		391	153.64	6.53%	0.01
INK (lbs.)				20					6,985		6.53%	0.04
PRINTER CLEANER* (Acetone - VOC Exempt)									20			0.00
PARTS CLEANER** (Safety-Kleen 105)									0			0.00
TOTAL VOC EMISSIONS												0.80

*PRINTER CLEANER: ACETONE - VOC EXEMPT

GALLONS a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC (lb) d=cxb	VOC (lb) e=axb-d
20	6.59	0	0	0

** PARTS CLEANER:

GALLONS USED a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC RECLAIMED (lb) d=cxb	VOC EMISSIONS (lb) e=axb-d
0	6.5	0	0	0

Total 12 & 16 oz: 1.709
Tons
1,550.35
16oz Kilograms
Kilograms

HAPS EMISSIONS — LINE 3 — 16 OZ. REGULAR CANS — 1 US TONS = 907.185 KILOGRAMS — VOC EMISSIONS IN KILOGRAMS

MATERIAL	GALLONS OF COATING LIST/MONTH	POUNDS OF INK & SOLVENT LIST/MONTH	COATING DENSITY LB/GAL	EMISSION FACTOR	WEIGHT PERCENT DOME	DOME EMISSION POUNDS/MONTH 111-90-0 HAP	WEIGHT PERCENT DOBE	DOBE EMISSION POUNDS/MONTH 112-34-5 HAP	WEIGHT PERCENT DOHE	DOHE EMISSION POUNDS/MONTH 112-59-4 HAP	WEIGHT PERCENT HEXYL CELLOSOLVE	HEXYL CELLOSOLVE EMISSIONS POUNDS/MONTH 112-25-4 HAP	WEIGHT PERCENT ETHYL BENZENE	ETHYL BENZENE EMISSIONS POUNDS/MONT H 100-41-4 HAP	WEIGHT PERCENT XYLENE	XYLENE EMISSIONS POUNDS/MONTH 1330-20-7 HAP	WEIGHT PERCENT FREE FORMALDEHYDE (HCHO)	FREE FORMALDEHYDE (HCHO) EMISSION POUNDS/MONTH 50-00-0 HAP	WEIGHT PERCENT METHANOL	METHANOL POUNDS/M ONTH 67-56-1 HAP	WEIGHT PERCENT PHENOL	PHENOL POUNDS/MONTH 108-95-2 HAP
INSIDE SPRAY																						
PPG 2012820 BPANI / IS	0		8.50	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	0.0000
PPG 2012823 BPANI / IS	8,737		8.40	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	4.7933
VALSPAR 20Q63AP / IS	581		8.43	6.53%	0.00	0	0.00	0	0.00	0	0.30	1	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
VALSPAR V70Q11AA BPANI - GEN 2 / IS	8,371		8.43	6.53%	0.20	9	0.00	0	0.00	0	0.30	14	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
OVER VARNISH																						
PPG 3803622	5,781		8.86	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0199	0.66	0.00	0.0000	0.00	0.0000
PPG 9203802 - TACTILE / OV	196		8.92	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0214	0.02	0.00	0.0000	0.00	0.0000
PPG9201-816A - MATTE' OV	0		9.20	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0136	0	0.00	0.0000	0.00	0.0000
PPG9201821 CLEAR SATIN OV	187		9.15	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0146	0	0.00	0.0000	0.00	0.0000
PPG9201811 / MATTE' OV	0		9.15	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000
METLAC S.P.A. OV	0		8.84	6.53%	0.00	0	0.80	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.0000	0	0.00	0.0000	0.00	0.0000
BOTTOM VARNISH																						
PPG 3786806	139		9.10	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
BASE COAT																						
PPG 3780018	391		10.96	6.53%	0.00	0	0.30	1	0.00	0	0.00	0	0.10	0	0.50	1	0.00	0	0.00	0.0000	0.00	0.0000
INKS		6.985		6.53%	0.00	0	0.00	0	0.20	1	0.00	0	0.00	0	0.00	0	0.02	0.09	0.02	0.0873	0.00	0.0000
FACILITY TOTAL EMISSIONS POUNDS						9.77		0.84		0.97		14.79		0.76		1.40		0.79		0.5873		4.7933
FACILITY TOTAL EMISSIONS TONS						0.0044		0.0004		0.0004		0.0074		0.0001		0.0007		0.0004		0.0003		0.0024

TOTAL FACILITY HAPS : 0.02 TONS

SINGLE FACILITY HAP : LESS THAN 10 TONS
TOTAL FACILITY HAPS : LESS THAN 25 TONS

BASED ON THE COMPLIANCE SOURCE TESTING PERFORMED ON OCTOBER 16, 2019 BY MONTROSE AIR QUALITY SERVICES - RTO A11

CAPTURE EFFICIENCY:	94.7%
DESTRUCTION EFFICIENCY:	98.7%
TOTAL CONTROL EFFICIENCY:	93.5%
EMISSION FACTOR:	6.53%

ARDAGH METAL PACKAGING USA CORP.
FAIRFIELD, CA FACILITY
MONTHLY EMISSION INVENTORY

SURFACE AREA FOR 12 OZ. REGULAR CANS:	39.48	SQ. IN.
SURFACE AREA FOR 16 OZ. REGULAR CANS:	51.66	SQ. IN.
16 TO 12 OZ. RATIO:	1.309	
LINES 1 & 2 PRODUCTION (12 OZ.) :	158,266,091	CANS
LINE 3 PRODUCTION (16 OZ.) :	54,316,948	CANS
EQUIVALENT 12 OZ. PRODUCTION ON LINE 3:	71,074,173	CANS
TOTAL EQUIVALENT 12 OZ. PRODUCTION:	179,340,264	CANS
% PRODUCTION ON LINES 1 & 2:	88.37%	%
% PRODUCTION ON LINE 3:	39.63%	%

REPORTING MONTH : 9/1/2022

TOTAL FACILITY COATING USAGES:

	GALLONS	POUNDS
Inside Spray:		
PPG 2012820 BPANI / IS	0	
PPG 2012823 BPANI / IS	21,580	
VALSPAR 20Q53AP / IS	205	
VALSPAR V70Q11AA BPANI - GEN 2 / IS	14,452	
Varnish:		
PPG 3786806 / BV	284	
PPG 3803622 / OV	15,440	
PPG 9203802 - TACTILE / OV	2,436	
PPG9201-816A - MATTE' OV	0	
PPG9201821 CLEAR SATIN OV	769	
PPG9201811 / MATTE' OV	0	
METLAC S.P.A. OV	0	
Basecoat:		
PPG 3786018	350	
INK (lbs.)		16,987

VOC EMISSIONS — LINES 1 & 2 — 12 OZ. REGULAR CANS

MATERIAL	lb VOC/gal COATING MINUS WATER a	COATING DENSITY (lb/gal) w	WEIGHT % SOLID b1	VOLUME % SOLID b2	WEIGHT % SOLVENT c	WEIGHT % WATER d	lb VOC/gal SOLID e	CANS PRODUCED f	GALLON COATING APPLIED g	GALLON SOLIDS APPLIED h=b2/100xg	EMISSION FACTOR i	VOC EMISSIONS (tons) j=(hxe)/2000x
PRODUCTION - LINES 1 & 2												
Normal Production								158,266,091				
Inside Spray:												
PPG 2012820 BPANI / IS	3.3	8.50	19.5	16.5	11.8	68.2	6.1		0	0.00	3.77%	0.00
PPG 2012823 BPANI / IS	3.5	8.40	21.0	17.7	14.6	64.4	6.9		12,979	2297.33	3.77%	0.30
VALSPAR 20Q53AP / IS	3.5	8.43	21.1	17.8	14.4	64.5	6.8		160	28.48	3.77%	0.00
VALSPAR V70Q11AA BPANI - GEN 2 / IS	3.3	8.43	21.1	18.0	13.0	65.9	6.1		8,845	1592.12	3.77%	0.18
Varnish:												
PPG 3786806 / BV	2.1	9.10	47.5	41.4	13.2	39.3	2.9		171	70.96	3.77%	0.00
PPG 3803622 / OV	1.7	8.86	38.0	33.1	8.2	53.8	2.2		6,388	2087.94	3.77%	0.09
PPG 9203802 - TACTILE / OV	2.1	8.92	41.5	36.9	11.8	46.7	2.9		1,467	528.64	3.77%	0.03
PPG9201-816A - MATTE' OV	2.1	9.20	38.0	30.2	9.6	52.4	2.9		0	0.00	3.77%	0.00
PPG9201821 CLEAR SATIN OV	2.1	9.15	39.9	32.6	10.4	49.7	2.9		464	161.34	3.77%	0.01
PPG9201811 / MATTE' OV	2.1	9.15	39.5	32.2	10.3	50.2	2.9		0	0.00	3.77%	0.000
METLAC S.P.A. OV	1.03	8.84	42.2	37.0	12.4	46.4	2.4		0	0.00	3.77%	0.000
Basecoat:												
PPG 3780018	1.8	11.00	56.0	39.3	8.6	36.4	2.4		211	83.04	3.77%	0.00
INK (lbs.)					20				16,255		3.77%	0.04
PRINTER CLEANER* (Acetone - VOC Exempt)									36			0.00
PARTS CLEANER** (Safety-Kleen 105)									0			0.00
TOTAL VOC EMISSIONS												0.66

*PRINTER CLEANER: ACETONE - VOC EXEMPT

GALLONS a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC (lb) d=cxb	VOC (lb) e=axb-d
35	6.59	0	0	0

** PARTS CLEANER:

GALLONS USED a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC RECLAIMED (lb) d=cxb	VOC EMISSIONS (lb) e=axb-d
0	6.5	0	0	0

HAPS EMISSIONS — LINES 1 & 2 — 12 OZ. REGULAR CANS — 1 US TONS = 907.185 KILOGRAMS — VOC EMISSIONS IN KILOGRAMS: 594.68 — 12lbs Tons — 19oz Kilograms

MATERIAL	GALLONS OF COATING USED/MONTH	POUNDS OF INK & SOLVENT USED/MONTH	COATING DENSITY LB/GAL	EMISSION FACTOR	WEIGHT PERCENT DGME	DGME EMISSION POUNDS/MONTH 111-96-6 HAP	WEIGHT PERCENT DGBE	DGBE EMISSION POUNDS/MONTH 112-34-5 HAP	WEIGHT PERCENT DGHE	DGHE EMISSION POUNDS/MONTH 112-59-4 HAP	WEIGHT PERCENT HEXYL CELLOSOLVE	HEXYL CELLOSOLVE EMISSIONS POUNDS/MONTH 112-25-4 HAP	WEIGHT PERCENT ETHYL BENZENE	ETHYL BENZENE EMISSIONS POUNDS/MONTH 100-41-4 HAP	WEIGHT PERCENT XYLENE	XYLENE EMISSIONS POUNDS/MONTH 1330-20-7 HAP	WEIGHT PERCENT FREE FORMALDEHYDE (HCHO)	FREE FORMALDEHYDE (HCHO) EMISSION POUNDS/MONTH 50-00-0 HAP	WEIGHT PERCENT METHANOL	METHANOL POUNDS/MONTH 67-56-1 HAP	WEIGHT PERCENT PHENOL	PHENOL POUNDS/MONTH 108-95-2 HAP
INSIDE SPRAY																							
PPG 2012820 BPANI / IS	0		8.50	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	0.0000	
PPG 2012823 BPANI / IS	12,979		8.40	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	4.1156	
VALSPAR 20Q53AP / IS	160		8.43	3.77%	0.00	0	0.00	0	0.00	0	0.30	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000	
VALSPAR V70Q11AA BPANI - GEN 2 / IS	8,845		8.43	3.77%	0.20	6	0.00	0	0.00	0	0.30	8	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000	
OVER VARNISH																							
PPG 3803622	6,388		8.86	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0199	0.42	0.00	0.0000	0.00	0.0000	
PPG 9203802 - TACTILE / OV	1,467		8.92	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0214	0.11	0.00	0.0000	0.00	0.0000	
PPG9201-816A - MATTE' OV	0		9.20	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0136	0	0.00	0.0000	0.00	0.0000	
PPG9201821 CLEAR SATIN OV	464		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000	
PPG9201811 / MATTE' OV	0		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000	
METLAC S.P.A. OV	0		8.84	3.77%	0.00	0	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.0000	0	0.00	0.0000	0.00	0.0000	
BOTTOM VARNISH																							
PPG 3786806	171		9.10	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000	
BASE COAT																							
PPG 3780018	211		10.95	3.77%	0.00	0	0.30	0	0.00	0	0.00	0	0.10	0	0.50	0	0.00	0	0.00	0.0000	0.00	0.0000	
INKS		16,255		3.77%	0.00	0	0.00	0	0.20	1	0.00	0	0.00	0	0.00	0	0.02	0.08	0.02	0.0773	0.00	0.0000	
FACILITY TOTAL EMISSIONS: POUNDS						6.63		0.36		0.77		8.56		0.56		0.44		0.83		0.0771		4.1156	
FACILITY TOTAL EMISSIONS: TONS						0.0033		0.0001		0.0004		0.0043		0.0003		0.0002		0.0004		0.0000		0.0021	

TOTAL FACILITY HAPS : 0.01 TONS

SINGLE FACILITY HAP : LESS THAN 10 TONS
TOTAL FACILITY HAPS : LESS THAN 25 TONS

BASED ON THE COMPLIANCE SOURCE TESTING PERFORMED ON OCTOBER 8 & 11, 2019 BY MONTROSE AIR QUALITY SERVICES - RTO A6

CAPTURE EFFICIENCY:	97.3%
DESTRUCTION EFFICIENCY:	98.9%
TOTAL CONTROL EFFICIENCY:	96.2%
EMISSION FACTOR:	3.77%

VOC EMISSIONS — LINE 3 — 16 OZ. REGULAR CANS

MATERIAL	lb VOC/gal COATING MINUS WATER a	COATING DENSITY (lb/gal) w	WEIGHT % SOLID b1	VOLUME % SOLID b2	WEIGHT % SOLVENT c	WEIGHT % WATER d	lb VOC/gal SOLID e	CANS PRODUCED f	GALLON COATING APPLIED g	GALLON SOLIDS APPLIED h=b2/100xg	EMISSION FACTOR i	VOC EMISSIONS (tons) j=(hxe)/2000x
PRODUCTION - LINE 3												
					EQUIVALENT 12 OZ. PRODUCTION ON LINE 3:			71,074,173				
Inside Spray:												
PPG 2012820 BPANI / IS	3.3	8.50	19.5	16.5	11.8	68.2	6.1		0	0.00	6.53%	0.00
PPG 2012823 BPANI / IS	3.5	8.40	21.0	17.7	14.6	64.4	6.9		8,521	1508.14	6.53%	0.34
VALSPAR 20Q53AP / IS	3.5	8.43	21.1	17.8	14.4	64.5	6.8		185	32.90	6.53%	0.00
VALSPAR V70Q11AA BPANI - GEN 2 / IS	3.3	8.43	21.1	18.0	13.0	65.9	6.1		5,867	1046.19	6.53%	0.21
Varnish:												
PPG 3786806 / BV	2.1	9.10	47.5	41.4	13.2	39.3	2.9		113	46.60	6.53%	0.00
PPG 3803622 / OV	1.7	8.86	38.0	33.1	8.2	53.8	2.2		4,141	1370.69	6.53%	0.10
PPG 9203802 - TACTILE / OV	2.1	8.92	41.5	36.9	11.8	46.7	2.9		963	346.73	6.53%	0.03
PPG9201-816A - MATTE' OV	2.1	9.20	38.0	30.2	9.6	52.4	2.9		0	0.00	6.53%	0.00
PPG9201821 CLEAR SATIN OV	2.1	9.15	39.9	32.6	10.4	49.7	2.9		305	99.36	6.53%	0.01
PPG9201811 / MATTE' OV	2.1	9.15	39.5	32.2	10.3	50.2	2.9		0	0.00	6.53%	0.000
METLAC S.P.A. OV	1.03	8.84	42.2	37.0	12.4	46.4	2.4		0	0.00	6.53%	0.000
Basecoat:												
PPG 3780018	1.8	11.00	56.0	39.3	8.6	36.4	2.4		139	54.51	6.53%	0.00
INK (lbs.)					20				6,732		6.53%	0.04
PRINTER CLEANER* (Acetone - VOC Exempt)									20			0.00
PARTS CLEANER** (Safety-Kleen 105)									0			0.00
TOTAL VOC EMISSIONS												0.73

*PRINTER CLEANER: ACETONE - VOC EXEMPT

GALLONS a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC (lb) d=cxb	VOC (lb) e=axb-d
20	6.59	0	0	0

** PARTS CLEANER:

GALLONS USED a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC RECLAIMED (lb) d=cxb	VOC EMISSIONS (lb) e=axb-d
0	6.5	0	0	0

Total 12 & 16 oz. 1.401 Tons — 16oz Tons 676.26 — 16oz Kilograms 1,279.04 Kilograms

HAPS EMISSIONS — LINE 3 — 16 OZ. REGULAR CANS — 1 US TONS = 907.185 KILOGRAMS — VOC EMISSIONS IN KILOGRAMS: 676.26

MATERIAL	GALLONS OF COATING USED/MONTH	POUNDS OF INK & SOLVENT USED/MONTH	COATING DENSITY LB/GAL	EMISSION FACTOR	WEIGHT PERCENT DGME	DGME EMISSION POUNDS/MONTH 111-96-6 HAP	WEIGHT PERCENT DGBE	DGBE EMISSION POUNDS/MONTH 112-34-5 HAP	WEIGHT PERCENT DGHE	DGHE EMISSION POUNDS/MONTH 112-59-4 HAP	WEIGHT PERCENT HEXYL CELLOSOLVE	HEXYL CELLOSOLVE EMISSIONS POUNDS/MONTH 112-25-4 HAP	WEIGHT PERCENT ETHYL BENZENE	ETHYL BENZENE EMISSIONS POUNDS/MONTH 100-41-4 HAP	WEIGHT PERCENT XYLENE	XYLENE EMISSIONS POUNDS/MONTH 1330-20-7 HAP	WEIGHT PERCENT FREE FORMALDEHYDE (HCHO)	FREE FORMALDEHYDE (HCHO) EMISSION POUNDS/MONTH 50-00-0 HAP	WEIGHT PERCENT METHANOL	METHANOL POUNDS/MONTH 67-56-1 HAP	WEIGHT PERCENT PHENOL	PHENOL POUNDS/MONTH 108-95-2 HAP
INSIDE SPRAY																							
PPG 2012820 BPANI / IS	0		8.50	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	0.0000	
PPG 2012823 BPANI / IS	8,521		8.40	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	4.4746	
VALSPAR 20Q53AP / IS	106		8.43	6.53%	0.00	0	0.00	0	0.00	0	0.30	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000	
VALSPAR V70Q11AA BPANI - GEN 2 / IS	5,867		8.43	6.53%	0.20	6	0.00	0	0.00	0	0.30	10	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000	
OVER VARNISH																							
PPG 3803622	4,141		8.86	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0199	0.48	0.00	0.0000	0.00	0.0000	
PPG 9203802 - TACTILE / OV	963		8.92	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0214	0.12	0.00	0.0000	0.00	0.0000	
PPG9201-816A - MATTE' OV	0		9.20	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0136	0	0.00	0.0000	0.00	0.0000	
PPG9201821 CLEAR SATIN OV	305		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000	
PPG9201811 / MATTE' OV	0		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000	
METLAC S.P.A. OV	0		8.84	3.77%	0.00	0	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.0000	0	0.00	0.0000	0.00	0.0000	
BOTTOM VARNISH																							
PPG 3786806	113		9.10	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000	
BASE COAT																							
PPG 3780018	139		10.95	6.53%	0.00	0	0.30	0	0.00	0	0.00	0	0.10	0	0.50	0	0.00	0	0.00	0.0000	0.00	0.0000	
INKS		6,732		6.53%	0.00	0	0.00	0	0.20	1	0.00	0	0.00	0	0.00	0	0.02	0.09	0.02	0.0879	0.00	0.0000	
FACILITY TOTAL EMISSIONS: POUNDS						6.16		0.30		0.68		9.78		0.10		0.50		0.70		0.0879		4.4746	
FACILITY TOTAL EMISSIONS: TONS						0.0031		0.0001		0.0004		0.0049		0.0000		0.0003		0.0003		0.0000		0.0023	

TOTAL FACILITY HAPS : 0.01 TONS

SINGLE FACILITY HAP : LESS THAN 10 TONS
TOTAL FACILITY HAPS : LESS THAN 25 TONS

BASED ON THE COMPLIANCE SOURCE TESTING PERFORMED ON OCTOBER 16, 2019 BY MONTROSE AIR QUALITY SERVICES - RTO A11

CAPTURE EFFICIENCY:	94.7%
DESTRUCTION EFFICIENCY:	98.7%
TOTAL CONTROL EFFICIENCY:	93.5%
EMISSION FACTOR:	6.53%

ARDAGH METAL PACKAGING USA CORP.
FAIRFIELD, CA FACILITY
MONTHLY EMISSION INVENTORY

REPORTING MONTH - 10/1/2019

SURFACE AREA FOR 12 OZ. REGULAR CANS:	30.48	SQ. IN.
SURFACE AREA FOR 10 OZ. REGULAR CANS:	51.00	SQ. IN.
16 TO 12 OZ. RATIO:	1.309	
LINES 1 & 2 PRODUCTION (12 OZ.) :	122,134,719	CANS
LINE 3 PRODUCTION (16 OZ.) :	57,925,051	CANS
EQUIVALENT 12 OZ. PRODUCTION ON LINE 3:	75,796,265	CANS
TOTAL EQUIVALENT 12 OZ. PRODUCTION:	197,930,984	CANS
% PRODUCTION ON LINES 1 & 2:	61.71%	%
% PRODUCTION ON LINE 3:	38.29%	%

TOTAL FACILITY COATING USAGES:

	GALLONS	POUNDS
Inside Spray:		
9001 3013630 BPANI / IS	0	
PPG 2012823 BPANI / IS	19,260	
VALSPAR 20Q63AP / IS	708	
VALSPAR V70Q11AA BPANI - GEN 2 / IS	12,081	
Varnish:		
PPG 3786806 / BV	324	
PPG 3803622 / OV	11,306	
PPG 9003802 - TACTS F / OV	1,647	
PPG9201-816A - MATTE' OV	0	
PPG9201821 CLEAR SATIN OV	424	
PPG9201811 / MATTE' OV	0	
METLAC S.P.A. OV	0	
Basecoat:		
PPG 3780018	520	
INK (lbs.)		18,295

VOC EMISSIONS — LINES 1 & 2 — 12 OZ. REGULAR CANS

MATERIAL	lb VOC/gal COATING MINUS WATER a	COATING DENSITY (lb/gal) w	WEIGHT % SOLID b1	VOLUME % SOLID b2	WEIGHT % SOLVENT c	WEIGHT % WATER d	lb VOC/gal SOLID e	CANS PRODUCED f	GALLON COATING APPLIED g	GALLON SOLIDS APPLIED h=b/2100xg	EMISSION FACTOR i	VOC EMISSIONS (tons) j=(hxei)/2000x
PRODUCTION - LINES 1 & 2								122,134,719				
Inside Spray:												
PPG 2012820 BPANI / IS	3.3	8.50	19.5	16.5	11.8	68.2	6.1		0	0.00	3.77%	0.00
PPG 2012823 BPANI / IS	3.5	8.40	21.0	17.7	14.6	64.4	6.9		11,889	2104.43	3.77%	0.27
VALSPAR 20Q63AP / IS	3.5	8.43	21.1	17.8	14.4	64.5	6.8		474	84.36	3.77%	0.01
VALSPAR V70Q11AA BPANI - GEN 2 / IS	3.3	8.43	21.1	18.0	13.0	65.9	6.1		7,465	1341.84	3.77%	0.15
Varnish:												
PPG 3786806 / BV	2.1	8.10	47.5	41.4	13.2	39.3	2.9		280	82.77	3.77%	0.00
PPG 3803622 / OV	1.7	8.86	38.0	33.1	8.2	53.8	2.2		7,628	2320.36	3.77%	0.16
PPG 9003802 - TACTILE / OV	2.1	8.92	41.5	36.9	11.8	46.7	2.9		1,618	364.86	3.77%	0.02
PPG9201-816A - MATTE' OV	2.1	9.20	36.0	30.2	9.6	52.4	2.9		0	0.00	3.77%	0.00
PPG9201821 CLEAR SATIN OV	2.1	9.15	36.9	32.6	10.4	49.7	2.9		262	86.29	3.77%	0.00
PPG9201811 / MATTE' OV	2.1	9.15	36.5	32.2	10.3	50.2	2.9		0	0.00	3.77%	0.000
METLAC S.P.A. OV	1.03	8.84	42.2	37.0	12.4	45.4	2.4		0	0.00	3.77%	0.000
Basecoat:												
PPG 3780018	1.8	11.00	55.0	39.3	8.6	36.4	2.4		321	128.10	3.77%	0.01
INK (lbs.)					20				11,271		3.77%	0.04
PRINTER CLEANER* (Acetone - VOC Exempt)									34			0.00
PARTS CLEANER** (Safety-Kleen 105)									0			0.00
TOTAL VOC EMISSIONS												0.01

*PRINTER CLEANER: ACETONE - VOC EXEMPT

GALLONS a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC (lb) d=cxb	VOC (lb) e=axb-d
34	6.59	0	0	0

** PARTS CLEANER:

GALLONS USED a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC RECLAIMED (lb) d=cxb	VOC EMISSIONS (lb) e=axb-d
0	6.5	0	0	0

HAPS EMISSIONS — LINES 1 & 2 — 12 OZ. REGULAR CANS — 1 US TONS = 907.185 KILOGRAMS — VOC EMISSIONS IN KILOGRAMS: 555.80 — 12hr Tons — 12hr Kilograms

MATERIAL	GALLONS OF COATING LIST/MONTH	POUNDS OF INK & SOLVENT LIST/MONTH	COATING DENSITY LBS/GAL	EMISSION FACTOR	WEIGHT PERCENT DOME	DOME EMISSION POUNDS/MONTH 111-86-8 HAP	WEIGHT PERCENT DOSE	DOSE EMISSION POUNDS/MONTH 112-34-5 HAP	WEIGHT PERCENT DOHE	DOHE EMISSION POUNDS/MONTH 112-56-4 HAP	WEIGHT PERCENT HEXYL CELLOSOLVE	HEXYL CELLOSOLVE EMISSIONS POUNDS/MONTH 112-25-4 HAP	WEIGHT PERCENT ETHYL BENZENE	ETHYL BENZENE EMISSIONS POUNDS/MONTH 100-41-4 HAP	WEIGHT PERCENT XYLENE	XYLENE EMISSIONS POUNDS/MONTH 1330-20-7 HAP	WEIGHT PERCENT FREE FORMALDEHYDE (NOCH)	FREE FORMALDEHYDE (HCHO) EMISSION POUNDS/MONTH 50-00-0 HAP	WEIGHT PERCENT METHANOL	METHANOL POUNDS/MONTH 67-56-1 HAP	WEIGHT PERCENT PHENOL	PHENOL POUNDS/MONTH 108-95-2 HAP
INSIDE SPRAY																						
PPG 2012820 BPANI / IS	0		8.50	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	0.0000
PPG 2012823 BPANI / IS	11,889		8.40	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	3.7656
VALSPAR 20Q63AP / IS	474		8.43	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
VALSPAR V70Q11AA BPANI - GEN 2 / IS	7,465		8.43	3.77%	0.20	6	0.00	0	0.00	0	0.20	7	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
OVER VARNISH																						
PPG 3803622	7,628		8.86	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0199	0.47	0.00	0.0000	0.00	0.0000
PPG 9003802 - TACTILE / OV	1,618		8.92	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0214	0.07	0.00	0.0000	0.00	0.0000
PPG9201-816A - MATTE' OV	0		9.20	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0136	0	0.00	0.0000	0.00	0.0000
PPG9201821 CLEAR SATIN OV	262		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0149	0	0.00	0.0000	0.00	0.0000
PPG9201811 / MATTE' OV	0		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000
METLAC S.P.A. OV	0		8.84	3.77%	0.00	0	0.80	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.0000	0	0.00	0.0000	0.00	0.0000
BOTTOM VARNISH																						
PPG 3786806	200		9.10	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
BASE COAT																						
PPG 3780018	321		10.95	3.77%	0.00	0	0.20	0	0.00	0	0.00	0	0.10	0	0.50	1	0.00	0	0.00	0.0000	0.00	0.0000
INKS		11,271		3.77%	0.00	0	0.00	0	0.20	1	0.00	0	0.00	0	0.00	0	0.02	0.04	0.02	0.0850	0.00	0.0000
FACILITY TOTAL EMISSIONS POUNDS						6.74		0.40		0.84		7.94		0.13		0.84		0.64		0.0850		3.7656
FACILITY TOTAL EMISSIONS TONS						0.0034		0.0002		0.0004		0.0039		0.0001		0.0004		0.0003		0.0000		0.0019

TOTAL FACILITY HAPS : 0.01 TONS

SINGLE FACILITY HAP : LESS THAN 10 TONS
TOTAL FACILITY HAPS : LESS THAN 25 TONS

BASED ON THE COMPLIANCE SOURCE TESTING PERFORMED ON OCTOBER 9 & 11, 2019 BY MONTROSE AIR QUALITY SERVICES - RTO A8

CAPTURE EFFICIENCY:	97.3%
DESTRUCTION EFFICIENCY:	96.9%
TOTAL CONTROL EFFICIENCY:	94.3%
EMISSION FACTOR:	3.77%

VOC EMISSIONS — LINE 3 — 16 OZ. REGULAR CANS

MATERIAL	lb VOC/gal COATING MINUS WATER a	COATING DENSITY (lb/gal) w	WEIGHT % SOLID b1	VOLUME % SOLID b2	WEIGHT % SOLVENT c	WEIGHT % WATER d	lb VOC/gal SOLID e	CANS PRODUCED f	GALLON COATING APPLIED g	GALLON SOLIDS APPLIED h=b/2100xg	EMISSION FACTOR i	VOC EMISSIONS (tons) j=(hxei)/2000x
PRODUCTION - LINE 3					EQUIVALENT 12 OZ. PRODUCTION ON LINE 3:			75,796,265				
Inside Spray:												
PPG 2012820 BPANI / IS	3.3	8.50	19.5	16.5	11.8	68.2	6.1		0	0.00	6.53%	0.00
PPG 2012823 BPANI / IS	3.5	8.40	21.0	17.7	14.6	64.4	6.9		7,379	1306.00	6.53%	0.29
VALSPAR 20Q63AP / IS	3.5	8.43	21.1	17.8	14.4	64.5	6.8		294	52.36	6.53%	0.01
VALSPAR V70Q11AA BPANI - GEN 2 / IS	3.3	8.43	21.1	18.0	13.0	65.9	6.1		4,628	832.74	6.53%	0.17
Varnish:												
PPG 3786806 / BV	2.1	8.10	47.5	41.4	13.2	39.3	2.9		124	51.37	6.53%	0.00
PPG 3803622 / OV	1.7	8.86	38.0	33.1	8.2	53.8	2.2		4,362	1440.73	6.53%	0.10
PPG 9003802 - TACTILE / OV	2.1	8.92	41.5	36.9	11.8	46.7	2.9		631	226.42	6.53%	0.02
PPG9201-816A - MATTE' OV	2.1	9.20	36.0	30.2	9.6	52.4	2.9		0	0.00	6.53%	0.00
PPG9201821 CLEAR SATIN OV	2.1	9.15	36.9	32.6	10.4	49.7	2.9		162	52.90	6.53%	0.01
PPG9201811 / MATTE' OV	2.1	9.15	36.5	32.2	10.3	50.2	2.9		0	0.00	6.53%	0.000
METLAC S.P.A. OV	1.03	8.84	42.2	37.0	12.4	45.4	2.4		0	0.00	6.53%	0.000
Basecoat:												
PPG 3780018	1.8	11.00	55.0	39.3	8.6	36.4	2.4		199	79.26	6.53%	0.01
INK (lbs.)					20				6,994		6.53%	0.05
PRINTER CLEANER* (Acetone - VOC Exempt)									21			0.00
PARTS CLEANER** (Safety-Kleen 105)									0			0.00
TOTAL VOC EMISSIONS												0.66

*PRINTER CLEANER: ACETONE - VOC EXEMPT

GALLONS a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC (lb) d=cxb	VOC (lb) e=axb-d
21	6.59	0	0	0

** PARTS CLEANER:

GALLONS USED a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC RECLAIMED (lb) d=cxb	VOC EMISSIONS (lb) e=axb-d
0	6.5	0	0	0

Total 12 & 16 oz. 1,221 Tons — 16hr Tons 567.50 — 1,153.39 16hr Kilograms — 1 US TONS = 907.185 KILOGRAMS — VOC EMISSIONS IN KILOGRAMS

HAPS EMISSIONS — LINE 3 — 16 OZ. REGULAR CANS

MATERIAL	GALLONS OF COATING LIST/MONTH	POUNDS OF INK & SOLVENT LIST/MONTH	COATING DENSITY LBS/GAL	EMISSION FACTOR	WEIGHT PERCENT DOME	DOME EMISSION POUNDS/MONTH 111-86-8 HAP	WEIGHT PERCENT DOSE	DOSE EMISSION POUNDS/MONTH 112-34-5 HAP	WEIGHT PERCENT DOHE	DOHE EMISSION POUNDS/MONTH 112-56-4 HAP	WEIGHT PERCENT HEXYL CELLOSOLVE	HEXYL CELLOSOLVE EMISSIONS POUNDS/MONTH 112-25-4 HAP	WEIGHT PERCENT ETHYL BENZENE	ETHYL BENZENE EMISSIONS POUNDS/MONTH 100-41-4 HAP	WEIGHT PERCENT XYLENE	XYLENE EMISSIONS POUNDS/MONTH 1330-20-7 HAP	WEIGHT PERCENT FREE FORMALDEHYDE (NOCH)	FREE FORMALDEHYDE (HCHO) EMISSION POUNDS/MONTH 50-00-0 HAP	WEIGHT PERCENT METHANOL	METHANOL POUNDS/MONTH 67-56-1 HAP	WEIGHT PERCENT PHENOL	PHENOL POUNDS/MONTH 108-95-2 HAP
INSIDE SPRAY																						
PPG 2012820 BPANI / IS	0		8.50	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	0.0000
PPG 2012823 BPANI / IS	7,379		8.40	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	4.0480
VALSPAR 20Q63AP / IS	294		8.43	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
VALSPAR V70Q11AA BPANI - GEN 2 / IS	4,628		8.43	6.53%	0.20	6	0.00	0	0.00	0	0.20	8	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
OVER VARNISH																						
PPG 3803622	4,362		8.86	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0199	0.50	0.00	0.0000	0.00	0.0000
PPG 9003802 - TACTILE / OV	631		8.92	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0214	0.08	0.00	0.0000	0.00	0.0000
PPG9201-816A - MATTE' OV	0		9.20	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0136	0	0.00	0.0000	0.00	0.0000
PPG9201821 CLEAR SATIN OV	162		9.15	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0149	0	0.00	0.0000	0.00	0.0000
PPG9201811 / MATTE' OV	0		9.15	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000
METLAC S.P.A. OV	0		8.84	6.53%	0.00	0	0.80	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.0000	0	0.00	0.0000	0.00	0.0000
BOTTOM VARNISH																						
PPG 3786806	124		9.10	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
BASE COAT																						
PPG 3780018	199		10.95	6.53%	0.00	0	0.30	0	0.00	0	0.00	0	0.10	0	0.50	1	0.00	0	0.00	0.0000	0.00	0.0000
INKS		6,994		6.53%	0.00	0	0.00	0	0.20	1	0.00	0	0.00	0	0.00	0	0.02	0.09	0.02	0.0914	0.00	0.0000
FACILITY TOTAL EMISSIONS POUNDS						6.00		0.43		0.91		8.13		0.14		0.71		0.68		0.0914		4.0480
FACILITY TOTAL EMISSIONS TONS						0.0030		0.0002		0.0005		0.0041		0.0001		0.0004		0.0003		0.0000		0.0020

TOTAL FACILITY HAPS : 0.01 TONS

SINGLE FACILITY HAP : LESS THAN 10 TONS
TOTAL FACILITY HAPS : LESS THAN 25 TONS

BASED ON THE COMPLIANCE SOURCE TESTING PERFORMED ON OCTOBER 10, 2019 BY MONTROSE AIR QUALITY SERVICES - RTO A11

CAPTURE EFFICIENCY:	94.7%
DESTRUCTION EFFICIENCY:	98.7%
TOTAL CONTROL EFFICIENCY:	93.5%
EMISSION FACTOR:	6.53%

ARDAGH METAL PACKAGING USA CORP.
FAIRFIELD, CA FACILITY
MONTHLY EMISSION INVENTORY

SURFACE AREA FOR 12 OZ. REGULAR CANS:	30.48	SQ. IN.
SURFACE AREA FOR 16 OZ. REGULAR CANS:	31.60	SQ. IN.
16 TO 12 OZ. RATIO:	1.300	
LINE 1 & 2 PRODUCTION (12 OZ.) :	85,038,901	CANS
LINE 3 PRODUCTION (16 OZ.) :	40,930,372	CANS
EQUIVALENT 12 OZ. PRODUCTION ON LINE 3:	53,165,143	CANS
TOTAL EQUIVALENT 12 OZ. PRODUCTION:	138,204,044	CANS
% PRODUCTION ON LINES 1 & 2:	61.53%	%
% PRODUCTION ON LINE 3:	38.47%	%

REPORTING MONTH : 11/1/2019

TOTAL FACILITY COATING USAGES:

	GALLONS	POUNDS
Inside Spray:		
PPG 3818630 BPANI / IS	0	
PPG 2012823 BPANI / IS	26,200	
VALSPAR 29G53AP / IS	1,663	
VALSPAR V70Q11AA BPANI - GEN 2 / IS	15,133	
Varnish:		
PPG 3786806 / BV	262	
PPG 3803622 / OV	9,486	
PPG 9361903 - TACTILE / OV	1,470	
PPG9201-816A - MATTE' OV	0	
PPG9201821 CLEAR SATIN OV	371	
PPG9201811 / MATTE' OV	0	
METLAC S.P.A. OV	0	
Basecoat:		
PPG 3786018	350	
INK (lbs.)		15,372

VOC EMISSIONS — LINES 1 & 2 — 12 OZ. REGULAR CANS

MATERIAL	lb VOC/gal COATING MINUS WATER (a)	COATING DENSITY (lb/gal) (w)	WEIGHT % SOLID (b1)	VOLUME % SOLID (b2)	WEIGHT % SOLVENT (c)	WEIGHT % WATER (d)	lb VOC/gal SOLID (e)	CANS PRODUCED (f)	GALLON COATING APPLIED (g)	GALLON SOLIDS APPLIED (h=b2/100xg)	EMISSION FACTOR (i)	VOC EMISSIONS (tons) (j=(hxei)/2000x)
PRODUCTION - LINES 1 & 2								85,038,901				
Inside Spray:												
PPG 2012820 BPANI / IS	3.3	8.50	19.5	16.5	11.8	68.2	6.1		0	0.00	3.77%	0.00
PPG 2012823 BPANI / IS	3.5	8.40	21.0	17.7	14.6	64.4	6.9		12,433	2200.65	3.77%	0.29
VALSPAR 29G53AP / IS	3.5	8.43	21.1	17.8	14.4	64.5	6.8		986	175.57	3.77%	0.02
VALSPAR V70Q11AA BPANI - GEN 2 / IS	3.3	8.43	21.1	18.0	13.0	66.9	6.1		9,312	1676.08	3.77%	0.19
Varnish:												
PPG 3786806 / BV	2.1	9.10	47.5	41.4	13.2	39.3	2.9		124	51.46	3.77%	0.00
PPG 3803622 / OV	1.7	8.86	38.0	33.1	8.2	53.8	2.2		5,844	1934.40	3.77%	0.05
PPG 9203602 - TACTILE / OV	2.1	8.92	41.5	36.9	11.6	46.7	2.9		1,520	546.62	3.77%	0.03
PPG9201-816A - MATTE' OV	2.1	9.20	38.0	30.2	9.6	52.4	2.9		0	0.00	3.77%	0.00
PPG9201821 CLEAR SATIN OV	2.1	9.15	39.9	32.6	10.4	49.7	2.9		220	74.42	3.77%	0.00
PPG9201811 / MATTE' OV	2.1	9.15	39.5	32.2	10.3	50.2	2.9		0	0.00	3.77%	0.000
METLAC S.P.A. OV	1.03	8.84	42.2	37.0	12.4	45.4	2.4		0	0.00	3.77%	0.000
Basecoat:												
PPG 3786018	1.8	11.00	56.0	39.3	8.6	35.4	2.4		215	84.64	3.77%	0.00
INK (lbs.)					20				9,459		3.77%	0.04
PRINTER CLEANER* (Acetone - VOC Exempt)									36			0.00
PARTS CLEANER** (Safety-Kleen 105)									0			0.00
TOTAL VOC EMISSIONS												0.66

*PRINTER CLEANER: ACETONE - VOC EXEMPT

GALLONS (a)	lb VOC/gal (b)	GALLONS WASTE MATERIAL (c)	VOC (lb) (d=cxb)	VOC (lb) (e=axb-d)
35	0.59	0	0	0

** PARTS CLEANER:

GALLONS USED (a)	lb VOC/gal (b)	GALLONS WASTE MATERIAL (c)	VOC RECLAIMED (lb) (d=cxb)	VOC EMISSIONS (lb) (e=axb-d)
0	8.5	0	0	0

HAPS EMISSIONS — LINES 1 & 2 — 12 OZ. REGULAR CANS — 1 US TONS = 907.185 KILOGRAMS — VOC EMISSIONS IN KILOGRAMS: 12oz Tons 596.86 / 12oz Kilograms

MATERIAL	GALLONS OF COATING USED/MONTH	POUNDS OF INK & SOLVENT USED/MONTH	COATING DENSITY LB/GAL	EMISSION FACTOR	WEIGHT PERCENT DOME	DOME EMISSION POUNDS/MONTH 111-98-8 HAP	WEIGHT PERCENT DOME	DOME EMISSION POUNDS/MONTH 112-34-5 HAP	WEIGHT PERCENT DOME	DOME EMISSION POUNDS/MONTH 112-59-4 HAP	WEIGHT PERCENT HEXYL CELLOSOLVE	HEXYL CELLOSOLVE EMISSIONS POUNDS/MONTH 112-25-4 HAP	WEIGHT PERCENT ETHYL BENZENE	ETHYL BENZENE EMISSIONS POUNDS/MONTH 100-41-4 HAP	WEIGHT PERCENT XYLENE	XYLENE EMISSIONS POUNDS/MONTH 1330-20-7 HAP	WEIGHT PERCENT FREE FORMALDEHYDE (HCHO)	FREE FORMALDEHYDE (HCHO) EMISSION POUNDS/MONTH 50-00-0 HAP	WEIGHT PERCENT METHANOL	METHANOL POUNDS/MONTH 67-56-1 HAP	WEIGHT PERCENT PHENOL	PHENOL POUNDS/MONTH 108-95-2 HAP
INSIDE SPRAY																						
PPG 2012820 BPANI / IS	0		8.50	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	0.0000
PPG 2012823 BPANI / IS	12,433		8.40	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	3.9375
VALSPAR 29G53AP / IS	986		8.43	3.77%	0.00	0	0.00	0	0.00	0	0.30	1	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
VALSPAR V70Q11AA BPANI - GEN 2 / IS	9,312		8.43	3.77%	0.20	9	0.00	0	0.00	0	0.30	9	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
OVER VARNISH																						
PPG 3803622	5,844		8.86	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0199	0.39	0.00	0.0000	0.00	0.0000
PPG 9203602 - TACTILE / OV	1,520		8.92	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0214	0.11	0.00	0.0000	0.00	0.0000
PPG9201-816A - MATTE' OV	0		9.20	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0136	0	0.00	0.0000	0.00	0.0000
PPG9201821 CLEAR SATIN OV	220		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0149	0	0.00	0.0000	0.00	0.0000
PPG9201811 / MATTE' OV	0		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000
METLAC S.P.A. OV	0		8.84	3.77%	0.00	0	0.80	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.0000	0	0.00	0.0000	0.00	0.0000
BOTTOM VARNISH																						
PPG 3786806	124		9.10	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
BASE COAT																						
PPG 3780018	215		10.96	3.77%	0.00	0	0.30	0	0.00	0	0.00	0	0.10	0	0.50	0	0.00	0	0.00	0.0000	0.00	0.0000
INKS		9,459		3.77%	0.00	0	0.00	0	0.20	1	0.00	0	0.00	0	0.00	0	0.02	0.07	0.02	0.0713	0.00	0.0000
FACILITY TOTAL EMISSIONS POUNDS						9.57		0.77		2.71		9.82		0.05		0.64		0.54		0.0713		3.9375
FACILITY TOTAL EMISSIONS TONS						0.0048		0.0004		0.0014		0.0049		0.0000		0.0003		0.0003		0.0000		0.0020

TOTAL FACILITY HAPS : 0.01 TONS

SINGLE FACILITY HAP : LESS THAN 10 TONS
TOTAL FACILITY HAPS : LESS THAN 25 TONS

BASED ON THE COMPLIANCE SOURCE TESTING PERFORMED ON OCTOBER 9 & 11, 2019 BY MONTROSE AIR QUALITY SERVICES - RTO A9

CAPTURE EFFICIENCY:	97.3%
DESTRUCTION EFFICIENCY:	98.9%
TOTAL CONTROL EFFICIENCY:	96.2%
EMISSION FACTOR:	3.77%

VOC EMISSIONS — LINE 3 — 16 OZ. REGULAR CANS

MATERIAL	lb VOC/gal COATING MINUS WATER (a)	COATING DENSITY (lb/gal) (w)	WEIGHT % SOLID (b1)	VOLUME % SOLID (b2)	WEIGHT % SOLVENT (c)	WEIGHT % WATER (d)	lb VOC/gal SOLID (e)	CANS PRODUCED (f)	GALLON COATING APPLIED (g)	GALLON SOLIDS APPLIED (h=b2/100xg)	EMISSION FACTOR (i)	VOC EMISSIONS (tons) (j=(hxei)/2000x)
PRODUCTION - LINE 3					EQUIVALENT 12 OZ. PRODUCTION ON LINE 3:			53,165,143				
Inside Spray:												
PPG 2012820 BPANI / IS	3.3	8.50	19.5	16.5	11.8	68.2	6.1		0	0.00	6.53%	0.00
PPG 2012823 BPANI / IS	3.5	8.40	21.0	17.7	14.6	64.4	6.9		7,773	1375.81	6.53%	0.31
VALSPAR 29G53AP / IS	3.5	8.43	21.1	17.8	14.4	64.5	6.8		617	109.16	6.53%	0.02
VALSPAR V70Q11AA BPANI - GEN 2 / IS	3.3	8.43	21.1	18.0	13.0	66.9	6.1		5,821	1047.86	6.53%	0.21
Varnish:												
PPG 3786806 / BV	2.1	9.10	47.5	41.4	13.2	39.3	2.9		78	32.17	6.53%	0.00
PPG 3803622 / OV	1.7	8.86	38.0	33.1	8.2	53.8	2.2		3,654	1209.36	6.53%	0.09
PPG 9203602 - TACTILE / OV	2.1	8.92	41.5	36.9	11.6	46.7	2.9		950	341.11	6.53%	0.03
PPG9201-816A - MATTE' OV	2.1	9.20	38.0	30.2	9.6	52.4	2.9		0	0.00	6.53%	0.00
PPG9201821 CLEAR SATIN OV	2.1	9.15	39.9	32.6	10.4	49.7	2.9		143	46.63	6.53%	0.00
PPG9201811 / MATTE' OV	2.1	9.15	39.5	32.2	10.3	50.2	2.9		0	0.00	6.53%	0.000
METLAC S.P.A. OV	1.03	8.84	42.2	37.0	12.4	45.4	2.4		0	0.00	6.53%	0.000
Basecoat:												
PPG 3780018	1.8	11.00	56.0	39.3	8.6	35.4	2.4		135	52.91	6.53%	0.00
INK (lbs.)					20				5,913		6.53%	0.04
PRINTER CLEANER* (Acetone - VOC Exempt)									20			0.00
PARTS CLEANER** (Safety-Kleen 105)									0			0.00
TOTAL VOC EMISSIONS												0.71

*PRINTER CLEANER: ACETONE - VOC EXEMPT

GALLONS (a)	lb VOC/gal (b)	GALLONS WASTE MATERIAL (c)	VOC (lb) (d=cxb)	VOC (lb) (e=axb-d)
20	0.59	0	0	0

** PARTS CLEANER:

GALLONS USED (a)	lb VOC/gal (b)	GALLONS WASTE MATERIAL (c)	VOC RECLAIMED (lb) (d=cxb)	VOC EMISSIONS (lb) (e=axb-d)
0	8.5	0	0	0

Total 12 & 16 oz. 1,370 Tons / 1,243.25 Kilograms

HAPS EMISSIONS — LINE 3 — 16 OZ. REGULAR CANS — 1 US TONS = 907.185 KILOGRAMS — VOC EMISSIONS IN KILOGRAMS: 16oz Tons 840.39 / 16oz Kilograms

MATERIAL	GALLONS OF COATING USED/MONTH	POUNDS OF INK & SOLVENT USED/MONTH	COATING DENSITY LB/GAL	EMISSION FACTOR	WEIGHT PERCENT DOME	DOME EMISSION POUNDS/MONTH 111-98-8 HAP	WEIGHT PERCENT DOME	DOME EMISSION POUNDS/MONTH 112-34-5 HAP	WEIGHT PERCENT DOME	DOME EMISSION POUNDS/MONTH 112-59-4 HAP	WEIGHT PERCENT HEXYL CELLOSOLVE	HEXYL CELLOSOLVE EMISSIONS POUNDS/MONTH 112-25-4 HAP	WEIGHT PERCENT ETHYL BENZENE	ETHYL BENZENE EMISSIONS POUNDS/MONTH 100-41-4 HAP	WEIGHT PERCENT XYLENE	XYLENE EMISSIONS POUNDS/MONTH 1330-20-7 HAP	WEIGHT PERCENT FREE FORMALDEHYDE (HCHO)	FREE FORMALDEHYDE (HCHO) EMISSION POUNDS/MONTH 50-00-0 HAP	WEIGHT PERCENT METHANOL	METHANOL POUNDS/MONTH 67-56-1 HAP	WEIGHT PERCENT PHENOL	PHENOL POUNDS/MONTH 108-95-2 HAP
INSIDE SPRAY																						
PPG 2012820 BPANI / IS	0		8.50	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	0.0000
PPG 2012823 BPANI / IS	7,773		8.40	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	4.2643
VALSPAR 29G53AP / IS	617		8.43	6.53%	0.00	0	0.00	0	0.00	0	0.30	1	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
VALSPAR V70Q11AA BPANI - GEN 2 / IS	5,821		8.43	6.53%	0.20	6	0.00	0	0.00	0	0.30	10	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
OVER VARNISH																						
PPG 3803622	3,654		8.86	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0199	0.42	0.00	0.0000	0.00	0.0000
PPG 9203602 - TACTILE / OV	950		8.92	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0214	0.12	0.00	0.0000	0.00	0.0000
PPG9201-816A - MATTE' OV	0		9.20	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0136	0	0.00	0.0000	0.00	0.0000
PPG9201821 CLEAR SATIN OV	143		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0149	0	0.00	0.0000	0.00	0.0000
PPG9201811 / MATTE' OV	0		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000
METLAC S.P.A. OV	0		8.84	3.77%	0.00	0	0.80	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.0000	0	0.00	0.0000	0.00	0.0000
BOTTOM VARNISH																						
PPG 3786806	78		9.10	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
BASE COAT																						
PPG 3780018	135		10.96	6.53%	0.00	0	0.30	0	0.00	0	0.00	0	0.10	0	0.50	0	0.00	0	0.00	0.0000	0.00	0.0000
INKS		5,913		6.53%	0.00	0	0.00	0	0.20	1	0.00	0	0.00	0	0.00	0	0.02	0.08	0.02	0.0772	0.00	0.0000
FACILITY TOTAL EMISSIONS POUNDS						6.41		0.79		0.77		10.83		0.15		0.48		0.60		0.0772		4.2643
FACILITY TOTAL EMISSIONS TONS						0.0032		0.0004		0.0004		0.0054		0.0000		0.0002		0.0003		0.0000		0.0021

TOTAL FACILITY HAPS : 0.01 TONS

SINGLE FACILITY HAP : LESS THAN 10 TONS
TOTAL FACILITY HAPS : LESS THAN 25 TONS

BASED ON THE COMPLIANCE SOURCE TESTING PERFORMED ON OCTOBER 10, 2019 BY MONTROSE AIR QUALITY SERVICES - RTO A11

CAPTURE EFFICIENCY:	94.7%
DESTRUCTION EFFICIENCY:	98.7%
TOTAL CONTROL EFFICIENCY:	93.5%
EMISSION FACTOR:	6.53%

ARDAGH METAL PACKAGING USA CORP.
FAIRFIELD, CA FACILITY
MONTHLY EMISSION INVENTORY

REPORTING MONTH : 12/1/2022

SURFACE AREA FOR 12 OZ. REGULAR CANS:	39.48	SQ. IN.
SURFACE AREA FOR 16 OZ. REGULAR CANS:	51.96	SQ. IN.
16 TO 12 OZ. RATIO:	1.389	
LINE 1 & 2 PRODUCTION (12 OZ.) :	100,366,780	CANS
LINE 3 PRODUCTION (16 OZ.) :	42,445,574	CANS
EQUIVALENT 12 OZ. PRODUCTION ON LINE 3:	55,566,055	CANS
TOTAL EQUIVALENT 12 OZ. PRODUCTION:	155,936,435	CANS
% PRODUCTION ON LINES 1 & 2:	64.37%	%
% PRODUCTION ON LINE 3:	35.63%	%

TOTAL FACILITY COATING USAGES:

	GALLONS	POUNDS
Inside Spray:		
PPG 2012820 BPANI / IS	0	
PPG 2012823 BPANI / IS	18,440	
VALSPAR 20Q63AP / IS	1,860	
VALSPAR V70Q11AA BPANI - GEN 2 / IS	8,571	
Varnish:		
PPG 3786806 / BV	279	
PPG 3803622 / OV	8,955	
PPG 9203802 - TACTILE / OV	203	
PPG9201-816A - MATTE' OV	0	
PPG9201821 CLEAR SATIN OV	0	
PPG9201811 / MATTE' OV	53	
METLAC S.P.A. OV	0	
Basecoat:		
PPG 3780018	0	
INK (lbs.)		15,494

VOC EMISSIONS — LINES 1 & 2 — 12 OZ. REGULAR CANS

MATERIAL	lb VOC/gal COATING MINUS WATER a	COATING DENSITY (lb/gal) w	WEIGHT % SOLID b1	VOLUME % SOLID b2	WEIGHT % SOLVENT c	WEIGHT % WATER d	lb VOC/gal SOLID e	CANS PRODUCED f	GALLON COATING APPLIED g	GALLON SOLIDS APPLIED h=b2/100xg	EMISSION FACTOR i	VOC EMISSIONS (tons) j=(hxei)/2000x
PRODUCTION - LINES 1 & 2								100,366,780				
Inside Spray:												
PPG 2012820 BPANI / IS	3.3	8.50	19.5	16.5	11.8	68.2	6.1		0	0.00	3.77%	0.00
PPG 2012823 BPANI / IS	3.5	8.40	21.0	17.7	14.6	64.4	6.9		11,873	2101.51	3.77%	0.27
VALSPAR 20Q63AP / IS	3.5	8.43	21.1	17.8	14.4	64.5	6.8		1,282	214.02	3.77%	0.03
VALSPAR V70Q11AA BPANI - GEN 2 / IS	3.3	8.43	21.1	18.0	13.0	65.9	6.1		5,517	993.02	3.77%	0.11
Varnish:												
PPG 3786806 / BV	2.1	9.10	47.5	41.4	13.2	39.3	2.9		174	71.96	3.77%	0.00
PPG 3803622 / OV	1.7	8.86	36.0	33.1	8.2	53.8	2.2		5,764	1907.87	3.77%	0.08
PPG 9203802 - TACTILE / OV	2.1	8.92	41.5	36.9	11.8	46.7	2.9		131	48.91	3.77%	0.00
PPG9201-816A - MATTE' OV	2.1	9.20	36.0	30.2	9.6	52.4	2.9		0	0.00	3.77%	0.00
PPG9201821 CLEAR SATIN OV	2.1	9.15	36.9	32.6	10.4	49.7	2.9		0	0.00	3.77%	0.00
PPG9201811 / MATTE' OV	2.1	9.15	39.5	32.2	10.3	50.2	2.9		34	10.96	3.77%	0.001
METLAC S.P.A. OV	1.03	8.84	42.2	37.0	12.4	46.4	2.4		0	0.00	3.77%	0.000
Basecoat:												
PPG 3780018	1.8	11.00	56.0	39.3	8.6	36.4	2.4		0	0.00	3.77%	0.00
INK (lbs.)					20				9,973		3.77%	0.04
PRINTER CLEANER* (Acetone - VOC Exempt)									36			0.00
PARTS CLEANER** (Safety-Kleen 105)									0			0.00
TOTAL VOC EMISSIONS												0.54

*PRINTER CLEANER: ACETONE - VOC EXEMPT

GALLONS a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC (lb) d=axb	VOC (lb) e=axb-d
36	8.50	0	0	0

** PARTS CLEANER:

GALLONS USED a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC RECLAIMED (lb) d=cxb	VOC EMISSIONS (lb) e=axb-d
0	8.5	0	0	0

12lb Tons 480.80
1lbs Kilograms
1 US TONS = 907.185 KILOGRAMS VOC EMISSIONS IN KILOGRAMS

HAPS EMISSIONS — LINES 1 & 2 — 12 OZ. REGULAR CANS

MATERIAL	GALLONS OF COATING USED/MONTH	POUNDS OF INK & SOLVENT USED/MONTH	COATING DENSITY (lb/gal)	EMISSION FACTOR	WEIGHT PERCENT DOWF	DOME EMISSION POUNDS/MONTH 111-96-6 HAP	WEIGHT PERCENT DOWF	DOME EMISSION POUNDS/MONTH 112-34-5 HAP	WEIGHT PERCENT DOWF	DOME EMISSION POUNDS/MONTH 112-59-4 HAP	WEIGHT PERCENT HEXYL CELLOSOLVE	HEXYL CELLOSOLVE EMISSIONS POUNDS/MONTH 112-25-4 HAP	WEIGHT PERCENT ETHYL BENZENE	ETHYL BENZENE EMISSIONS POUNDS/MONTH 100-41-4 HAP	WEIGHT PERCENT XYLENE	XYLENE EMISSIONS POUNDS/MONTH 1330-20-7 HAP	WEIGHT PERCENT FREE FORMALDEHYDE (NIOSH)	FREE FORMALDEHYDE (HCHO) EMISSION POUNDS/MONTH 50-00-0 HAP	WEIGHT PERCENT METHANOL	METHANOL POUNDS/MONTH 67-56-1 HAP	WEIGHT PERCENT PHENOL	PHENOL POUNDS/MONTH 108-95-2 HAP
INSIDE SPRAY																							
PPG 2012820 BPANI / IS	0		8.50	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	0.0000
PPG 2012823 BPANI / IS	11,873		8.40	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	3.7802
VALSPAR 20Q63AP / IS	1,282		8.43	3.77%	0.00	0	0.00	0	0.00	0	0.30	1	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
VALSPAR V70Q11AA BPANI - GEN 2 / IS	5,517		8.43	3.77%	0.20	4	0.00	0	0.00	0	0.30	5	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
OVER VARNISH																							
PPG 3803622	5,764		8.86	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0199	0.38	0.00	0.0000	0.00	0.0000
PPG 9203802 - TACTILE / OV	131		8.92	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0214	0.01	0.00	0.0000	0.00	0.0000
PPG9201-816A - MATTE' OV	0		9.20	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0136	0	0.00	0.0000	0.00	0.0000
PPG9201821 CLEAR SATIN OV	0		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0149	0	0.00	0.0000	0.00	0.0000
PPG9201811 / MATTE' OV	34		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000
METLAC S.P.A. OV	0		8.84	3.77%	0.00	0	0.80	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.0000	0	0.00	0.0000	0.00	0.0000
BOTTOM VARNISH																							
PPG 3786806	174		9.10	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
BASE COAT																							
PPG 3780018	0		10.96	3.77%	0.00	0	0.30	0	0.00	0	0.00	0	0.10	0	0.50	0	0.00	0	0.00	0.0000	0.00	0.0000
INKS		9,973		3.77%	0.00	0	0.00	0	0.20	1	0.00	0	0.00	0	0.00	0	0.02	0.08	0.02	0.0752	0.00	0.0000
FACILITY TOTAL EMISSIONS: POUNDS						3.51		0.00		0.75		8.41		0.00		0.00		0.47		0.0752		3.7802
FACILITY TOTAL EMISSIONS: TONS						0.0018		0.0000		0.0004		0.0037		0.0000		0.0000		0.0002		0.0000		0.0019

TOTAL FACILITY HAPS : 0.01 TONS

SINGLE FACILITY HAP : LESS THAN 10 TONS
TOTAL FACILITY HAPS : LESS THAN 25 TONS

BASED ON THE COMPLIANCE SOURCE TESTING PERFORMED ON OCTOBER 9 & 11, 2019 BY MONTROSE AIR QUALITY SERVICES - RTO A6

CAPTURE EFFICIENCY:	97.3%
DESTRUCTION EFFICIENCY:	96.9%
TOTAL CONTROL EFFICIENCY:	94.2%
EMISSION FACTOR:	3.77%

VOC EMISSIONS — LINE 3 — 16 OZ. REGULAR CANS

MATERIAL	lb VOC/gal COATING MINUS WATER a	COATING DENSITY (lb/gal) w	WEIGHT % SOLID b1	VOLUME % SOLID b2	WEIGHT % SOLVENT c	WEIGHT % WATER d	lb VOC/gal SOLID e	CANS PRODUCED f	GALLON COATING APPLIED g	GALLON SOLIDS APPLIED h=b2/100xg	EMISSION FACTOR i	VOC EMISSIONS (tons) j=(hxei)/2000x
PRODUCTION - LINE 3					EQUIVALENT 12 OZ. PRODUCTION ON LINE 3:			55,566,055				
Inside Spray:												
PPG 2012820 BPANI / IS	3.3	8.50	19.5	16.5	11.8	68.2	6.1		0	0.00	6.53%	0.00
PPG 2012823 BPANI / IS	3.5	8.40	21.0	17.7	14.6	64.4	6.9		6,573	1163.44	6.53%	0.26
VALSPAR 20Q63AP / IS	3.5	8.43	21.1	17.8	14.4	64.5	6.8		886	156.66	6.53%	0.03
VALSPAR V70Q11AA BPANI - GEN 2 / IS	3.3	8.43	21.1	18.0	13.0	65.9	6.1		3,954	649.76	6.53%	0.11
Varnish:												
PPG 3786806 / BV	2.1	9.10	47.5	41.4	13.2	39.3	2.9		96	39.83	6.53%	0.00
PPG 3803622 / OV	1.7	8.86	36.0	33.1	8.2	53.8	2.2		3,191	1056.23	6.53%	0.08
PPG 9203802 - TACTILE / OV	2.1	8.92	41.5	36.9	11.8	46.7	2.9		72	26.97	6.53%	0.00
PPG9201-816A - MATTE' OV	2.1	9.20	36.0	30.2	9.6	52.4	2.9		0	0.00	6.53%	0.00
PPG9201821 CLEAR SATIN OV	2.1	9.15	36.9	32.6	10.4	49.7	2.9		0	0.00	6.53%	0.00
PPG9201811 / MATTE' OV	2.1	9.15	39.5	32.2	10.3	50.2	2.9		19	6.08	6.53%	0.001
METLAC S.P.A. OV	1.03	8.84	42.2	37.0	12.4	46.4	2.4		0	0.00	6.53%	0.000
Basecoat:												
PPG 3780018	1.8	11.00	56.0	39.3	8.6	36.4	2.4		0	0.00	6.53%	0.00
INK (lbs.)					20				5,521		6.53%	0.04
PRINTER CLEANER* (Acetone - VOC Exempt)									20			0.00
PARTS CLEANER** (Safety-Kleen 105)									0			0.00
TOTAL VOC EMISSIONS												0.52

*PRINTER CLEANER: ACETONE - VOC EXEMPT

GALLONS a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC (lb) d=axb	VOC (lb) e=axb-d
20	8.50	0	0	0

** PARTS CLEANER:

GALLONS USED a	lb VOC/gal b	GALLONS WASTE MATERIAL c	VOC RECLAIMED (lb) d=cxb	VOC EMISSIONS (lb) e=axb-d
0	8.5	0	0	0

Total 12 & 16 oz: 1,036
16oz Tons 468.78
16oz Kilograms 957.58
Kilograms

HAPS EMISSIONS — LINE 3 — 16 OZ. REGULAR CANS

1 US TONS = 907.185 KILOGRAMS VOC EMISSIONS IN KILOGRAMS

MATERIAL	GALLONS OF COATING USED/MONTH	POUNDS OF INK & SOLVENT USED/MONTH	COATING DENSITY (lb/gal)	EMISSION FACTOR	WEIGHT PERCENT DOWF	DOME EMISSION POUNDS/MONTH 111-96-6 HAP	WEIGHT PERCENT DOWF	DOME EMISSION POUNDS/MONTH 112-34-5 HAP	WEIGHT PERCENT DOWF	DOME EMISSION POUNDS/MONTH 112-59-4 HAP	WEIGHT PERCENT HEXYL CELLOSOLVE	HEXYL CELLOSOLVE EMISSIONS POUNDS/MONTH 112-25-4 HAP	WEIGHT PERCENT ETHYL BENZENE	ETHYL BENZENE EMISSIONS POUNDS/MONT H 100-41-4 HAP	WEIGHT PERCENT XYLENE	XYLENE EMISSIONS POUNDS/MONTH 1330-20-7 HAP	WEIGHT PERCENT FREE FORMALDEHYDE (NIOSH)	FREE FORMALDEHYDE (HCHO) EMISSION POUNDS/MONTH 50-00-0 HAP	WEIGHT PERCENT METHANOL	METHANOL POUNDS/M ONTH 67-56-1 HAP	WEIGHT PERCENT PHENOL	PHENOL POUNDS/MONTH 108-95-2 HAP
INSIDE SPRAY																							
PPG 2012820 BPANI / IS	0		8.50	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	0.0000
PPG 2012823 BPANI / IS	6,573		8.40	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.10	3.8061
VALSPAR 20Q63AP / IS	886		8.43	6.53%	0.00	0	0.00	0	0.00	0	0.30	1	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
VALSPAR V70Q11AA BPANI - GEN 2 / IS	3,954		8.43	6.53%	0.20	3	0.00	0	0.00	0	0.30	5	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
OVER VARNISH																							
PPG 3803622	3,191		8.86	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0199	0.37	0.00	0.0000	0.00	0.0000
PPG 9203802 - TACTILE / OV	72		8.92	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0214	0.01	0.00	0.0000	0.00	0.0000
PPG9201-816A - MATTE' OV	0		9.20	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0136	0	0.00	0.0000	0.00	0.0000
PPG9201821 CLEAR SATIN OV	0		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0149	0	0.00	0.0000	0.00	0.0000
PPG9201811 / MATTE' OV	19		9.15	3.77%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.0140	0	0.00	0.0000	0.00	0.0000
METLAC S.P.A. OV	0		8.84	3.77%	0.00	0	0.80	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.0000	0	0.00	0.0000	0.00	0.0000
BOTTOM VARNISH																							
PPG 3786806	96		9.10	6.53%	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.0000	0.00	0.0000
BASE COAT																							
PPG 3780018	0		10.96	6.53%	0.00	0	0.30	0	0.00	0	0.00	0	0.10	0	0.50	0	0.00	0	0.00	0.0000	0.00	0.0000
INKS		5,521		6.53%	0.00	0	0.00	0	0.20	1	0.00	0	0.00	0	0.00	0	0.02	0.07	0.02	0.0721	0.00	0.0000
FACILITY TOTAL EMISSIONS: POUNDS						3.36		0.00		0.77		8.14		0.00		0.00		0.46		0.0721		3.8061
FACILITY TOTAL EMISSIONS: TONS						0.0017		0.0000		0.0004		0.0031		0.0000		0.0000		0.0002		0.0000		0.0019

TOTAL FACILITY HAPS : 0.01 TONS

SINGLE FACILITY HAP : LESS THAN 10 TONS
TOTAL FACILITY HAPS : LESS THAN 25 TONS

BASED ON THE COMPLIANCE SOURCE TESTING PERFORMED ON OCTOBER 10, 2019 BY MONTROSE AIR QUALITY SERVICES - RTO A11

CAPTURE EFFICIENCY:	94.7%
DESTRUCTION EFFICIENCY:	98.7%
TOTAL CONTROL EFFICIENCY:	93.5%
EMISSION FACTOR:	6.53%