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BAY AREA AIR QUALITY
MANAGEMENT DISTRICT

Director of Compliance and Enforcement
Bay Area Air Quality Management District
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San Francisco, CA 94105

ArdaghMetalPackaging



Ardagh Metal Packaging N.A.
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TV Tracking #: 402

Attention: Title V Reports

1. ☐ RECEIVED IN ENFORCEMENT: 02/01/2022

January 28, 2022

SUBJECT: Ardagh Metal Packaging N.A. – Plant # A1665
Semi-Annual, Monitoring Verification Report
Second half - 2021

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 7/01/2021 through 12/31/2021.

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

Table VII-A
Applicable Limits and Compliance Monitoring Requirements
S-1 : Roller Coaters, 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 $\geq 90\%$	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		20.832 tons/yr., facility 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

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 $\geq 90\%$	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		20.832 tons/yr, facility limit	Condition #391, part 12	P/M	Monthly calculation of VOC emissions from Coating Lines 1 and 2	YES
	Condition #391, part 5	Y		Abatement Device efficiency $\geq 95\%$	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

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 $\geq 90\%$	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		20.832 tons/yr, facility 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

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 $\geq 90\%$	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		20.832 tons/yr., facility 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

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 $\geq 90\%$	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		20.832 tons/yr, facility 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 $\geq 95\%$	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

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 $\geq 90\%$	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		20.832 tons/yr., facility 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 $\geq 90\%$	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

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 $\geq 90\%$	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		20.832 tons/yr., facility 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 $\geq 95\%$	Condition #391, part 4	P/D	Ventilation System negative pressure monitoring	YES
	Condition #391, part 5	Y		Abatement Device efficiency $\geq 95\%$	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

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 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

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 $\geq 90\%$	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		20.832 tons/yr., facility 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 $\geq 90\%$	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

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

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 $\geq 90\%$	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		20.832 tons/yr, facility 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 $\geq 95\%$	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 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

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 $\geq 90\%$	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		20.832 tons/yr, facility 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 $\geq 90\%$	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

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

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

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

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 $\leq 0.5\%$ by weight	None	N	N/A	YES
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	YES
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	YES
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	YES
					BAAQMD 9-8-520.1 & 9-1-530	M	Records	YES
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	YES
					CCR, Title 17, Section 93115.10(g)	M	Records	YES
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	YES
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	YES
					Condition 24495, Part 4	M	Records	YES
NMHC-NOx					None		N/A	YES

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
CO					None		N/A	YES
PM					None		N/A	YES
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	YES
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	YES
FP	BAAQMD 6-1-310			0.15 gr/dscf Particulate Weight Limitation		N	N/A	YES
FP	SIP Regulation 6-310	Y		0.15 gr/dscf Particulate Weight Limitation		N	N/A	YES
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	YES
SO ₂	BAAQMD 9-1-304	Y		0.5% sulfur in fuel by weight	None	N	N/A	YES
SO ₂		N		Sulfur content of fuel less than 0.05% by weight	None	N	N/A	YES