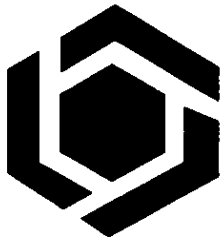
EMISSION REDUCTION CREDIT BANK APPLICATION

DSM COPOLYMER INC.
ADDIS PLANT
ADDIS, LOUISIANA 70710

DSM 

MARCH 2006

DSM Copolymer
DSM Elastomers Americas

5745 Essen Lane, Suite 100-A
Baton Rouge, LA 70810

Lloyd J. Tabary II
Counsel and Secretary
Phone: (225)-490-0021
Facsimile: (225)-490-0029

MAIN FILE

original to EOA

copy to Admin / B. Johnston

AI 2519

DSM

March 30, 2006

Louisiana Department of Environmental Quality (LDEQ)
Office of Environmental Services
Air Permits Division
Post Office Box 4312
Baton Rouge, Louisiana 70821-4312

RE: DSM Copolymer, Inc. – Addis Facility
Emission Reduction Credit Bank Application

To Whom It May Concern:

Enclosed are three copies of our company's Emission Reduction Credit Bank Application for your review. If you have any questions regarding this report, please contact me at (225) 490-0021.

Sincerely,

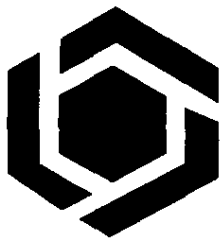
Lloyd J. Tabary II
Corporate Secretary

RECEIVED
APR 0 3 2006
DEPT. OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL SERVICES
PERMIT DIVISION

EMISSION REDUCTION CREDIT BANK APPLICATION

DSM COPOLYMER INC.
ADDIS PLANT
ADDIS, LOUISIANA 70710

DSM



MARCH 2006

DSM

ERC BANK APPLICATION

Department of Environmental Quality
Office of Environmental Services
Air Permits Division
P.O. Box 4313
Baton Rouge, LA 70821-4313
(225) 219-3181

LOUISIANA

ERC BANK APPLICATION

NO_X ☐ OR VOC ☒

COMPANY: DSM Copolymer — 2519 (Agency Interest No.)

FACILITY: Addis Facility — 3120-00004-V0 (Permit No.)

LOCATION: Addis (City) — West Baton Rouge (Parish)

9263 Louisiana Highway 1 South (Physical Location)

CONTACT: Lloyd Tabary (Name) — Attorney At Law (Title) — 225-490-0021 (Phone)

MAILING ADDRESS: 9263 La. Hwy 1 S (Street or P.O. Box) — Addis (City) — LA (State) — 70710 (Zip Code)

(Affected EIQ Source ID(s))	(Date of Actual Emissions Decrease)	(Baseline Period)
4-78, 7-78, 8-78, 16-78, 18-78, 19-78, 20-78, 21-80, 22-80, 23-81, 24-81, 25-81, 26-81, 27-81, 28-81, 29-81, 30-81, 31-81, 32-81, 33-81, 34-81, 35-81, 38-82, 39-82, 40-82, 41-82, 43-82, 44-82, 45-83, 46-83, 48-86, 49-88, 50-88, 51-88, 54-88, 55-88, 57-88, 58-88, 59-88, 60-88, 61-88, 62-88, 63-88, 64-88, 68-89, 69-90, 70-90, 71-90, 73-90, 74-90, 76-99, 98, 99	January 2005	Jan. 2001 - Dec. 2002

	NO_X (Chapter 22 only)		NO_X	VOC
ALLOWABLES BEFORE:	N/A	N/A	N/A	556.74
	(May 1 - September 30)	(October 1 - April 30)	(TPY)	(TPY)
AVG. ACTUAL EMISSIONS:	N/A	N/A	N/A	454.00
	(May 1 - September 30)	(October 1 - April 30)	(TPY)	(TPY)
CHAPTER 22 LIMIT:	N/A	**N/A**	**N/A**	**N/A**
	(May 1 - September 30)	(October 1 - April 30)	(TPY)	(TPY)
ALLOWABLES AFTER[1]:	N/A	N/A	N/A	0.00
	(May 1 - September 30)	(October 1 - April 30)	(TPY)	(TPY)
CREDITABLE CHANGE:	N/A	N/A	N/A	454.00
	(May 1 - September 30)	(October 1 - April 30)	(TPY)	(TPY)

[1]Allowables should account for all applicable federal and state regulations, emissions limitations, compliance orders, consent decrees, etc. In the case of enforcement instruments, surplus reductions may be included as per he terms of the order or agreement. If no such terms are included, then the reductions are not surplus.

CREDIBILITY:

All applicable state and federal regulations that apply to the affected emission point(s) should be addressed in the cover letter to this document.

RESPONSIBLE OFFICIAL CERTIFICATION:

I hereby certify that the information contained in this ERC Bank Application and attached calculations is true and accurate to the best of my knowledge.

Lloyd Tabary	Corporate Secretary	225-490-0021
(Name)	(Title)	(Phone)
(Signature)	March 31 2006 (Date)	

DSM

ERC ANALYSIS
(CALCULATIONS)

Adj. Allowable VOC Emissions

NEDS ID	EIQ#	Description	Allowable Emissions before Reduction (tpy) [1]	Adjusted Allowable Emissions (tpy) (§607.C.3) [2]
04	4-78	HEXANE RECYCLE - NO EMISSION C2 BLANKET	0	0
07	7-78	HEXANE RECYCLE - NO EMISSION C2 BLANKET	0.48	0.48
08	8-78	HEXANE MANWAY	6.09	6.09
16	16-78	WET WASH SOLVENT SURGE	2.28	2.28
18	18-78	TRAMP STRIPPER OUTFALL EP#1 UNIT	0.11	0.11
19	19-78	HEXANE SURGE TANK	1.75	1.75
20	20-78	LOW PRESSURE VENT	0	0
21	21-80	TOLUENE STORAGE TANK	0.19	0.19
22	22-80	GASOLINE STORAGE TANK	0.01	0.01
23	23-81	CATALYST MAKE-UP TANK EP1 TANK A	1.62	1.62
24	24-81	CATALYST MAKE-UP TANK EP1 TANK B	1.62	1.62
25	25-81	TLA CATALYST MAKEUP TANK A	1.62	1.62
26	26-81	TLA CATALYST MAKEUP TANK B	1.62	1.62
27	27-81	ANTI-OXIDANT MAKE UP TANK	0.06	0.06
28	28-81	PROMOTER MAKEUP TANK	0.24	0.24
29	29-81	NEAT CATALYST STORAGE TANK	0.31	0.31
30	30-81	ALKYL BLEND TANK EP1	2.00	2.00
31	31-81	HEXANE TANK OA1 PLANT	1.00	1.00
32	32-81	PLANT FLARE STACK	0.61	0.61
33	33-81	EN RECOVERY JET	1.04	1.04
34	34-81	FINISHING BUILDING DRYER LINE NO. 9 UNIT	49.47	49.47
35	35-81	FINISHING BUILDING NO. 8 LINE DRYER UNIT	49.47	49.47
38	38-82	FINISHING BUILDING DRYER NO. 7 DRYER UNIT	49.47	49.47
39	39-82	STRIPPER SHAKER SCREENS #3LINE	2.37	2.37
40	40-82	ALUMINUM ALKYL STORAGE TANK	0.13	0.13
41	41-82	PROMOTER MAKEUP TANK	0.86	0.86
43	43-82	NVP STORAGE TANK	0.04	0.04
44	44-82	PEROXIDE STORAGE AREA	0.04	0.04
45	45-83	BOILER No. 1	3.00	3.00
46	46-83	BOILER No. 2	3.00	3.00
48	48-86	TRAMP STRIPPER OUTFALL OA1	0.11	0.11

49	49-88	RD STORAGE TANK	0.04	0.04
50	50-88	PROMOTER STORAGE TANK	0.001	0.001
51	51-88	ANTIOXIDANT FEED TANK EPDM PLANT 2	0.1	0.1
54	54-88	PROMOTER MAKE UP TANK EP 2	1.51	1.51
55	55-88	TRAMP STRIPPER EP 2	0.11	0.11
57	57-88	CATALYST MAKEUP TANK A EP2	0.77	0.77
58	58-88	CATALYST MAKEUP TANK B EP2	0.77	0.77
59	59-88	LOW PRESSURE VENT TANK EP2	0	0
60	60-88	MALEIC ANHYDRIDE STORAGE TANK	0.04	0.04
61	61-88	EXPELLER - NO. 9 FINISHING LINE	18.12	18.12
62	62-88	EXPELLER NO.8 FINISHING LINE	18.12	18.12
63	63-88	EXPELLER - NO. 7 FINISHING LINE	18.12	18.12
64	64-89	C3 SPHERE NO EMISSION TO ATMOSPHERE	0	0
68	68-89	NPPDA STORAGE TANK	0.04	0.04
69	69-90	WATER TRANSFER STORAGE TANKS	0.04	0.04
70	70-90	OIL STORAGE TANK	0.04	0.04
71	71-90	OIL STORAGE TANKS - 3 TANKS	0.04	0.04
73	73-90	EXPELLER - NO. 10 LINE	35.62	35.62
74	74-90	LINE #10 DRYER VENT	49.41	49.41
76	76-99	THIRD STAGE RECOVERY SYSTEM CONDENSER	0	0
98	98	FUGITIVE EMISSIONS PROPENE PURIFICATION	2.41	2.41
99	99	FUG. EMISSIONS PLANT WIDE INCL.EQPT & AREAS	230.83	230.83
		TOTAL	**556.74**	**556.74**

Notes:

1. The Allowable Emissions before Reduction are equal to the permitted PTE emissions in the Part 70 Permit No. 3120-00004-V0.
2. The adjusted allowable emissions took into consideration the allowable emissions from Permit No. 3120-00004-V0. and all new or revised federal and/or state regulations adopted that could require or could have required, all or a portion of the emission reductions that comprise the ERC application.

2001 Actual VOC Emissions

NEDS ID	EIQ#	Description	VOC (tpy)
04	4-78	HEXANE RECYCLE - NO EMISSION C2 BLANKET	0.00
07	7-78	HEXANE RECYCLE - NO EMISSION C2 BLANKET	0.00
08	8-78	HEXANE MANWAY	2.00
16	16-78	WET WASH SOLVENT SURGE	1.00
18	18-78	TRAMP STRIPPER OUTFALL EP#1 UNIT	1.00
19	19-78	HEXANE SURGE TANK	2.00
20	20-78	LOW PRESSURE VENT	0.00
21	21-80	TOLUENE STORAGE TANK	0.00
22	22-80	GASOLINE STORAGE TANK	0.00
23	23-81	CATALYST MAKE-UP TANK EP1 TANK A	2.00
24	24-81	CATALYST MAKE-UP TANK EP1 TANK B	2.00
25	25-81	TLA CATALYST MAKEUP TANK A	2.00
26	26-81	TLA CATALYST MAKEUP TANK B	1.00
27	27-81	ANTI-OXIDANT MAKE UP TANK	0.00
28	28-81	PROMOTER MAKEUP TANK	0.00
29	29-81	NEAT CATALYST STORAGE TANK	2.00
30	30-81	ALKYL BLEND TANK EP1	2.00
31	31-81	HEXANE TANK OA1 PLANT	1.00
32	32-81	PLANT FLARE STACK	2.00
33	33-81	EN RECOVERY JET	1.00
34	34-81	FINISHING BUILDING DRYER LINE NO. 9 UNIT	1.00
35	35-81	FINISHING BUILDING NO. 8 LINE DRYER UNIT	49.00
38	38-82	FINISHING BUILDING DRYER NO. 7 DRYER UNIT	49.00
39	39-82	STRIPPER SHAKER SCREENS #3LINE	2.00
40	40-82	ALUMINUM ALKYL STORAGE TANK	0.00
41	41-82	PROMOTER MAKEUP TANK	1.00
43	43-82	NVP Storage Tank	0.00
44	44-82	PEROXIDE STORAGE AREA	0.00
45	45-83	Boiler No. 1	2.00
46	46-83	Boiler No. 2	2.00
48	48-86	TRAMP STRIPPER OUTFALL OA1	1.00
49	49-88	RD STORAGE TANK	0.00
50	50-88	PROMOTER STORAGE TANK	0.00
51	51-88	ANTIOXIDANT FEED TANK EPDM PLANT 2	0.00
54	54-88	PROMOTER MAKE UP TANK EP 2	1.00
55	55-88	TRAMP STRIPPER EP 2	0.00
57	57-88	CATALYST MAKEUP TANK A EP2	1.00
58	58-88	CATALYST MAKEUP TANK B EP2	1.00
59	59-88	LOW PRESSURE VENT TANK EP2	0.00
60	60-88	MALEIC ANHYDRIDE STORAGE TANK	0.00
61	61-88	EXPELLER - NO. 9 FINISHING LINE	10.00
62	62-88	EXPELLER NO.8 FINISHING LINE	10.00
63	63-88	EXPELLER - NO. 7 FINISHING LINE	10.00
64	64-89	C3 SPHERE NO EMISSION TO ATMOSPHERE	0.00
68	68-89	NPPDA STORAGE TANK	0.00
69	69-90	WATER TRANSFER STORAGE TANKS	0.00
70	70-90	OIL STORAGE TANK	0.00
71	71-90	OIL STORAGE TANKS - 3 TANKS	0.00
73	73-90	EXPELLER - NO. 10 LINE	34.00

2001 Actual VOC Emissions

74	74-90	LINE #10 DRYER VENT	47.00
76	76-99	THIRD STAGE RECOVERY SYSTEM CONDENSER	2.00
98	98	FUGITIVE EMISSIONS PROPENE PURIFICATION	2.00
99	99	FUG. EMISSIONS PLANT WIDE INCL.EQPT & AREAS	178.00
		TOTAL	**424.00**

2002 Actual VOC Emissions

NEDS ID	EIQ#	Description	VOC (tpy)
04	4-78	HEXANE RECYCLE - NO EMISSION C2 BLANKET	0.00
07	7-78	HEXANE RECYCLE - NO EMISSION C2 BLANKET	0.00
08	8-78	HEXANE MANWAY	2.00
16	16-78	WET WASH SOLVENT SURGE	1.00
18	18-78	TRAMP STRIPPER OUTFALL EP#1 UNIT	1.00
19	19-78	HEXANE SURGE TANK	2.00
20	20-78	LOW PRESSURE VENT	0.00
21	21-80	TOLUENE STORAGE TANK	0.00
22	22-80	GASOLINE STORAGE TANK	0.00
23	23-81	CATALYST MAKE-UP TANK EP1 TANK A	2.00
24	24-81	CATALYST MAKE-UP TANK EP1 TANK B	2.00
25	25-81	TLA CATALYST MAKEUP TANK A	2.00
26	26-81	TLA CATALYST MAKEUP TANK B	1.00
27	27-81	ANTI-OXIDANT MAKE UP TANK	0.00
28	28-81	PROMOTER MAKEUP TANK	0.00
29	29-81	NEAT CATALYST STORAGE TANK	2.00
30	30-81	ALKYL BLEND TANK EP1	2.00
31	31-81	HEXANE TANK OA1 PLANT	1.00
32	32-81	PLANT FLARE STACK	2.00
33	33-81	EN RECOVERY JET	1.00
34	34-81	FINISHING BUILDING DRYER LINE NO. 9 UNIT	49.00
35	35-81	FINISHING BUILDING NO. 8 LINE DRYER UNIT	49.00
38	38-82	FINISHING BUILDING DRYER NO. 7 DRYER UNIT	49.00
39	39-82	STRIPPER SHAKER SCREENS #3LINE	2.00
40	40-82	ALUMINUM ALKYL STORAGE TANK	0.00
41	41-82	PROMOTER MAKEUP TANK	1.00
43	43-82	NVP Storage Tank	0.00
44	44-82	PEROXIDE STORAGE AREA	0.00
45	45-83	Boiler No. 1	2.00
46	46-83	Boiler No. 2	2.00
48	48-86	TRAMP STRIPPER OUTFALL OA1	1.00
49	49-88	RD STORAGE TANK	0.00
50	50-88	PROMOTER STORAGE TANK	0.00
51	51-88	ANTIOXIDANT FEED TANK EPDM PLANT 2	0.00
54	54-88	PROMOTER MAKE UP TANK EP 2	1.00
55	55-88	TRAMP STRIPPER EP 2	0.00
57	57-88	CATALYST MAKEUP TANK A EP2	1.00
58	58-88	CATALYST MAKEUP TANK B EP2	1.00
59	59-88	LOW PRESSURE VENT TANK EP2	0.00
60	60-88	MALEIC ANHYDRIDE STORAGE TANK	0.00
61	61-88	EXPELLER - NO. 9 FINISHING LINE	10.00
62	62-88	EXPELLER NO.8 FINISHING LINE	10.00
63	63-88	EXPELLER - NO. 7 FINISHING LINE	10.00
64	64-89	C3 SPHERE NO EMISSION TO ATMOSPHERE	0.00
67	67-89	TEMP. SOLVENT STORAGE TANK	0.00
68	68-89	NPPDA STORAGE TANK	0.00
69	69-90	WATER TRANSFER STORAGE TANKS	0.00
70	70-90	OIL STORAGE TANK	0.00
71	71-90	OIL STORAGE TANKS - 3 TANKS	0.00

2002 Actual VOC Emissions

73	73-90	EXPELLER - NO. 10 LINE	34.00
74	74-90	LINE #10 DRYER VENT	47.00
76	76-99	THIRD STAGE RECOVERY SYSTEM CONDENSER	1.00
98	98	FUGITIVE EMISSIONS PROPENE PURIFICATION	2.00
99	99	FUG. EMISSIONS PLANT WIDE INCL.EQPT & AREAS	191.00
		TOTAL	**484.00**

Baseline VOC Emissions

2001/2002 Average Actual Emissions (tpy) [1]	Adjusted Allowable Emissions (tpy) (§607.C.3) [2]	Baseline Emissions for ERCs (tpy) (§607.C.4) [3]	Allowable Emissions after Reduction (§607.C.5)
454.00	556.74	454.00	0

Notes:

1. The baseline period of 2001 and 2002 was determined to be the period of time over which the historical emissions of the sources were averaged. The two-year period is more representative of normal major stationary source operation as defined per LAC 33:III.605.
2. The adjusted allowable emissions took into consideration the allowable emissions from Permit No. 3120 and all new or revised federal and/or state regulations adopted that could require or could have required, all or a portion of the emission reductions that comprise the ERC application.
3. Baseline Emissions for ERC (tpy) = Lower of 2001/2002 Average Actual Emissions (tpy) and Adjusted Allowable Emissions (tpy)

VOC ERCs

Surplus Emission Reduction (tpy) (§607.C.6) [1]	VOC ERCs Relied upon in NNSR Analysis (tpy) (§607.D)	VOC Requested ERCs for Bank (tpy) [2]
454.00	0.00	**454.00**

Notes:

1. Surplus Emission Reduction (tpy) = Baseline Emissions (tpy) - Allowable Emissions after Reduction (tpy)
2. VOC Requested ERCs for Bank (tpy) = VOC ERCs from Shutdown (tpy) - ERCs Relied upon in Nonattainment New Source Review (NNSR) Analysis (tpy)

DSM

2001 EIS EMISSIONS BY POINT

EMaster™ Louisiana Air 2003

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1-225-766-2397 • sales@computersciencegroup.com • www.computersciencegroup.com

EIS Point Summary

2001

08/06/2002

DSM CO/ADDIS PLT._9263 LAHWY 1_ADDIS_LA_70710_
DSM COPOLYMER_9263 LAWHY 1_ADDIS_LA_70710_
3120-00008-01 EMISSION ESTIMATES BASED ON 1996 PROD.

3120 0004 ADDIS PLANT PORT ALLEN WEST BATON ROUGE

03 3-75 EN STORAGE MANWAY - CONTROLLED SOURCE

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 00052

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.00	000	000	0	0.0000	0	7	

04 4-78 HEXANE RECYCLE - NO EMISSION C2 BLANKET

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.00	047	099	0	0.0000	0	5	
43231	N-HEXANE	0.00	047	099	0	0.0000	0	2	

07 7-78 NAT GAS K O DRAIN

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24750

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.11	046	000	0	0.0000	1	2	

08 8-78 HEXANE MANWAY

UTM Zone: 15 UTM Horizontal: 668.1 UTM Vertical: 3,357.4
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	1.39	099	000	0	2.0000	6	5	
43231	N-HEXANE	1.39	099	000	0	2.0000	6	5	

09 9-78 EN MANWAY 2 TANKS CONTROLLED BY FLARE

UTM Zone: 15 UTM Horizontal: 668.1 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.18	023	000	0	0.0000	0	0	

10 10-78 EN STORAGE MANWAY

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.7
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.34	048	000	0	1.0000	2	5	
43231	N-HEXANE	0.34	048	000	0	1.0000	2	5	
45202	TOLUENE	0.34	048	000	0	0.0000	0	5	

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EIS Point Summary

2001 08/06/2002

DSM CO/ADDIS PLT._9263 LAHWY 1_ADDIS_LA_70710_
DSM COPOLYMER_9263 LAWHY 1_ADDIS_LA_70710_
3120-00008-01 EMISSION ESTIMATES BASED ON 1996 PROD.

3120 0004 ADDIS PLANT PORT ALLEN WEST BATON ROUGE

13 13-78 STRIPPER SHAKER SCRN. EP1 PLANT

UTM Zone: 15 UTM Horizontal: 667.8 UTM Vertical: 3,357.2
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.54	046	000	0	2.0000	2	5	

14 14-78 COAGULATOR O/H CLOSED TO ATM

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.2
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.00	046	000	0	0.0000	0	0	
43231	N-HEXANE	0.00	046	000	0	0.0000	0	0	

15 15-78 RECYCLE WATER TANK OVERFLOW

UTM Zone: 15 UTM Horizontal: 667.8 UTM Vertical: 3,357.2
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.00	000	000	0	0.0000	0	7	

16 16-78 WET WASH SOLVENT SURGE

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.2
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.52	093	000	0	1.0000	2	5	
43231	N-HEXANE	0.52	093	000	0	1.0000	2	5	

17 17-78 NO. 1 DRYER DECANTER DRAIN

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.2
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.00	000	000	0	0.0000	0	5	

18 18-78 TRAMP STRIPPER OUTFALL EP#1 UNIT

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24750

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.08	047	000	0	1.0000	1	2	
43231	N-HEXANE	0.08	047	000	0	0.0000	1	5	

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DSM COPOLYMER_9263 LAWHY 1_ADDIS_LA_70710_
3120-00008-01 EMISSION ESTIMATES BASED ON 1996 PROD.

3120 0004 ADDIS PLANT PORT ALLEN WEST BATON ROUGE

19 19-78 HEXANE SURGE TANK

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.9
Height: 18 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.40	047	000	0	2.0000	2	5	
43231	N-HEXANE	0.40	047	000	0	1.0000	2	5	

20 20-78 LOW PRESSURE VENT

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.2
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24750

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.00	046	000	0	0.0000	0	2	
43231	N-HEXANE	0.00	046	000	0	0.0000	0	2	

21 21-80 TOLUENE STORAGE TANK

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.3
Height: 10 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.05	093	000	0	0.0000	0	5	
45202	TOLUENE	0.05	093	000	0	0.0000	0	5	

22 22-80 GAS STORAGE TANKS 1 DIESEL & 1 UNLEADED

UTM Zone: 15 UTM Horizontal: 667.8 UTM Vertical: 3,357.2
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43103	43103	0.01	047	094	0	0.0000	0	5	
43104	TOTAL NM/NE HC	0.01	047	094	0	0.0000	1	5	

23 23-81 CATALYST MAKE-UP TANK EP1 TANK A

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 10 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.37	093	000	0	2.0000	2	5	
43231	N-HEXANE	0.37	093	000	0	2.0000	2	5	

24 24-81 CATALYST MAKE-UP TANK EP1 TANK B

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 10 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.37	093	000	0	2.0000	2	5	
43231	N-HEXANE	0.37	093	000	0	2.0000	2	5	

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3120-00008-01 EMISSION ESTIMATES BASED ON 1996 PROD.

3120 0004 ADDIS PLANT PORT ALLEN WEST BATON ROUGE

25 25-81 TLA CATALYST MAKEUP TANK A

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 10 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.37	093	000	0	2.0000	2	5	
43231	N-HEXANE	0.37	093	000	0	1.0000	2	5	

26 26-81 TLA CATALYST MAKEUP TANK B

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 10 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.37	093	000	0	1.0000	2	5	
43231	N-HEXANE	0.37	093	000	0	1.0000	2	5	

27 27-81 ANTI-OXIDANT MAKE UP TANK

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 6 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.02	093	000	0	0.0000	0	5	
45202	TOLUENE	0.02	093	000	0	0.0000	0	5	

28 28-81 PROMOTER MAKEUP TANK

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 12 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.05	093	000	0	0.0000	0	5	
43231	N-HEXANE	0.05	093	000	0	0.0000	0	5	

29 29-81 NEAT CATALYST STORAGE TANK

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.3
Height: 10 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.57	093	000	0	2.0000	3	5	
43231	N-HEXANE	0.29	093	000	0	1.0000	2	5	

30 30-81 ALKYL BLEND TANK EP1

UTM Zone: 15 UTM Horizontal: 667.0 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.49	093	000	0	2.0000	2	5	
43231	N-HEXANE	0.49	093	000	0	1.0000	2	5	

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3120-00008-01 EMISSION ESTIMATES BASED ON 1996 PROD.

3120 0004 ADDIS PLANT PORT ALLEN WEST BATON ROUGE

31 31-81 HEXANE TANK OA1 PLANT

UTM Zone: 15 UTM Horizontal: 667.1 UTM Vertical: 3,357.4
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.27	093	000	0	1.0000	1	5	
43231	N-HEXANE	0.16	093	000	0	1.0000	1	5	

32 32-81 PLANT FLARE STACK

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.4
Height: 150 Diameter: 1.5 Temperature: 1,200 Flow Rate: 518 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
42101	CARBON MONOXIDE	0.01	000	000	0	0.0000	0	5	
42401	SULFUR OXIDES (SOX)	0.01	000	000	0	0.0000	0	5	
42602	NITROGEN OXIDES	0.14	000	000	0	1.0000	1	5	
43104	TOTAL NM/NE HC	0.14	024	000	0	1.0000	1	2	
81102	PM-10	0.01	000	000	0	0.0000	0	5	

33 33-81 EN RECOVERY JET

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.3
Height: 15 Diameter: 0.0 Temperature: 212 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.24	073	000	0	1.0000	1	5	

34 34-81 FINISHING BUILDING DRYER LINE NO. 9 UNIT

UTM Zone: 15 UTM Horizontal: 667.8 UTM Vertical: 3,357.2
Height: 39 Diameter: 2.0 Temperature: 120 Flow Rate: 8,800 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24749

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	11.30	000	000	0	49.0000	49	2	
43105	ISOMERS OF HEXANE	11.30	046	000	0	26.0000	49	5	
43231	N-HEXANE	0.00	046	000	0	23.0000	49	5	
45202	TOLUENE	0.00	046	000	0	0.0000	49	5	
81102	PM-10	0.13	000	000	0	1.0000	0	5	

35 35-81 FINISHING BUILDING NO. 8 LINE DRYER UNIT

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.2
Height: 39 Diameter: 2.0 Temperature: 120 Flow Rate: 8,800 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24749

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	11.30	046	000	0	49.0000	49	2	
43105	ISOMERS OF HEXANE	11.30	046	000	0	23.0000	49	2	
43231	N-HEXANE	11.30	046	000	0	26.0000	49	2	
45202	TOLUENE	0.00	046	000	0	0.0000	49	2	
81102	PM-10	0.13	000	000	0	0.0000	0	5	

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3120 0004 ADDIS PLANT PORT ALLEN WEST BATON ROUGE

36 36-81 OLEUM/CONCENTRATED SULFURIC ACID TANK

UTM Zone: 15 UTM Horizontal: 668.1 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
42401	SULFUR OXIDES (SOX)	0.01	013	000	0	0.0000	0	7	

37 37-81 HCL STORAGE TANK

UTM Zone: 15 UTM Horizontal: 667.1 UTM Vertical: 3,357.5
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43101	HYDROCHLORIC ACID	0.00	003	000	0	0.0000	0	5	

38 38-82 FINISHING BUILDING DRYER NO. 7 DRYER UNIT

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.2
Height: 39 Diameter: 2.0 Temperature: 120 Flow Rate: 8,880 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24749

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	11.30	046	000	0	49.0000	49	2	
43105	ISOMERS OF HEXANE	11.30	046	000	0	27.0000	49	2	
43231	N-HEXANE	11.30	046	000	0	22.0000	49	2	
45202	TOLUENE	0.00	046	000	0	0.0000	49	2	
81102	PM-10	0.13	000	000	0	1.0000	0	5	

39 39-82 STRIPPER SHAKER SCREENS #3LINE

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24749

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.54	046	000	0	2.0000	2	2	
43231	N-HEXANE	0.54	046	000	0	1.0000	2	5	

40 40-82 ALUMINUM ALKYL STORAGE

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.03	000	000	0	0.0000	0	5	

41 41-82 PROMOTER MAKEUP TANK

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.20	093	000	0	1.0000	1	5	
43231	N-HEXANE	0.20	093	000	0	1.0000	1	5	

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3120 0004 ADDIS PLANT PORT ALLEN WEST BATON ROUGE

42 42-82 VINYL NORBORNENE STG

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.2
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43102	NONMETHANE HYDROCARBONS	0.00	000	000	0	0.0000	0	5	

43 43-82 NVP STORAGE TANK

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.9
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.01	093	000	0	0.0000	0	5	

44 44-82 PEROXIDE STORAGE AREA

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.01	000	000	0	0.0000	0	5	

45 45-83 BOILER NO. 1

UTM Zone: 15 UTM Horizontal: 668.1 UTM Vertical: 3,357.5
Height: 34 Diameter: 6.0 Temperature: 350 Flow Rate: 9,627 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24745

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
42101	CARBON MONOXIDE	4.00	000	000	0	12.0000	18	5	C
42401	SULFUR OXIDES (SOX)	0.07	000	000	0	0.0000	1	1	
42602	NITROGEN OXIDES	15.98	000	000	0	49.0000	70	5	C
43104	TOTAL NM/NE HC	0.66	000	000	0	2.0000	3	5	C
81102	PM-10	0.73	000	000	0	2.0000	0	5	C

46 46-83 BOILER NO. 2

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.5
Height: 34 Diameter: 6.0 Temperature: 350 Flow Rate: 9,627 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24749

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
42101	CARBON MONOXIDE	4.00	000	000	0	12.0000	18	5	C
42401	SULFUR OXIDES (SOX)	0.07	000	000	0	0.0000	0	1	
42602	NITROGEN OXIDES	15.98	000	000	0	49.0000	70	5	C
43104	TOTAL NM/NE HC	0.66	000	000	0	2.0000	3	5	C
81102	PM-10	0.71	000	000	0	2.0000	0	5	C

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3120 0004 ADDIS PLANT PORT ALLEN WEST BATON ROUGE

47 47-83 BOILER NO. 3

UTM Zone: 15 UTM Horizontal: 667.1 UTM Vertical: 3,357.6
Height: 50 Diameter: 5.7 Temperature: 350 Flow Rate: 390 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24750

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
42101	CARBON MONOXIDE	7.72	000	000	0	20.0000	34	5	C
42401	SULFUR OXIDES (SOX)	0.17	000	000	0	0.0000	1	5	C
42602	NITROGEN OXIDES	29.82	000	000	0	47.0000	82	5	C
43104	TOTAL NM/NE HC	0.74	000	000	0	3.0000	3	5	C
81102	PM-10	2.24	000	000	0	3.0000	0	5	C

48 48-86 TRAMP STRIPPER OUTFALL OA1

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24749

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.08	047	000	0	1.0000	0	5	
43231	N-HEXANE	0.05	047	000	0	1.0000	0	5	

49 49-88 RD TANK STORAGE

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.4
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.01	093	000	0	0.0000	0	5	

50 50-88 PROMOTER STORAGE TANK

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.00	093	000	0	0.0000	0	5	
43231	N-HEXANE	0.00	093	000	0	0.0000	0	5	

51 51-88 ANTIOXIDANT FEED TANK EPDM PLANT 2

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.4
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.01	093	000	0	0.0000	0	5	
45202	TOLUENE	0.00	093	000	0	0.0000	0	5	

52 52-88 ALKYL FEED TANK EP2

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A

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3120	0004	ADDIS PLANT	PORT ALLEN			WEST BATON ROUGE		
43104	TOTAL NM/NE HC		0.09 093	000	0	0.0000	0	5
43231	N-HEXANE		0.05 093	000	0	0.0000	0	5

53 53-88 ALKYL FEED VESSEL OA1

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.09	093	000	0	0.0000	0	5	
43231	N-HEXANE	0.09	093	000	0	0.0000	0	5	

54 54-88 PROMOTER MAKE UP TANK EP 2

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.4
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.78	093	000	0	1.0000	2	5	
43231	N-HEXANE	0.78	093	000	0	1.0000	2	5	

55 55-88 TRAMP STRIPPER EP 2

UTM Zone: 15 UTM Horizontal: 667.8 UTM Vertical: 3,357.4
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.07	047	000	0	0.0000	1	5	
43231	N-HEXANE	0.08	047	000	0	0.0000	0	5	

56 56-88 ALKYL FEED TANK EP2

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.7
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.37	093	000	0	1.0000	2	5	
43231	N-HEXANE	0.05	093	000	0	1.0000	1	5	

57 57-88 CATALYST MAKEUP TANK A EP2

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.4
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.16	093	000	0	1.0000	1	5	
43231	N-HEXANE	0.10	093	000	0	0.0000	1	5	

58 58-88 CATALYST MAKEUP TANK B EP2

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.4
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A

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EIS Point Summary

2001 08/06/2002

DSM CO/ADDIS PLT._9263 LAHWY 1_ADDIS_LA_70710_
DSM COPOLYMER_9263 LAWHY 1_ADDIS_LA_70710_
3120-00008-01 EMISSION ESTIMATES BASED ON 1996 PROD.

3120	0004	ADDIS PLANT	PORT ALLEN			WEST BATON ROUGE	
43104	TOTAL NM/NE HC		0.16 093	000	0	1.0000	1 5
43231	N-HEXANE		0.10 093	000	0	0.0000	1 5

59 59-88 LOW PRESSURE VENT TANK EP2

UTM Zone: 15 UTM Horizontal: 667.8 UTM Vertical: 3,357.4
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.00	093	000	0	0.0000	0	5	
43231	N-HEXANE	0.03	093	000	0	0.0000	0	5	

60 60-88 MALEIC ANHYDRIDE STORAGE TANK

UTM Zone: 15 UTM Horizontal: 667.8 UTM Vertical: 3,357.5
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43102	NONMETHANE HYDROCARBONS	0.01	093	000	0	0.0000	0	5	
43603	MALEIC ANHYDRIDE	0.01	093	000	0	0.0000	0	5	

61 61-88 EXPELLER - NO. 9 FINISHING LINE

UTM Zone: 15 UTM Horizontal: 667.8 UTM Vertical: 3,357.2
Height: 39 Diameter: 2.0 Temperature: 120 Flow Rate: 2,000 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24749

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	2.30	046	000	0	10.0000	10	2	
43105	ISOMERS OF HEXANE	0.00	046	000	0	3.0000	10	2	
43231	N-HEXANE	1.38	046	000	0	7.0000	10	2	
45202	TOLUENE	0.46	046	000	0	0.0000	9	2	

62 62-88 EXPELLER NO.8 FINISHING LINE

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.2
Height: 39 Diameter: 0.2 Temperature: 120 Flow Rate: 2,000 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24749

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	2.30	046	000	0	10.0000	10	2	
43105	ISOMERS OF HEXANE	2.30	046	000	0	3.0000	10	2	
43231	N-HEXANE	1.29	046	000	0	7.0000	10	2	
45202	TOLUENE	0.00	046	000	0	0.0000	9	2	

63 63-88 EXPELLER - NO. 7 FINISHING LINE

UTM Zone: 15 UTM Horizontal: 667.9 UTM Vertical: 3,357.2
Height: 39 Diameter: 2.0 Temperature: 120 Flow Rate: 2,000 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24749

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	2.30	046	000	0	10.0000	10	2	
43105	ISOMERS OF HEXANE	2.30	046	000	0	3.0000	10	2	
43231	N-HEXANE	0.00	046	000	0	7.0000	10	2	
45202	TOLUENE	0.00	046	000	0	0.0000	10	2	

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EIS Point Summary

2001 08/06/2002

DSM CO/ADDIS PLT._9263 LAHWY 1_ADDIS_LA_70710_
DSM COPOLYMER_9263 LAWHY 1_ADDIS_LA_70710_
3120-00008-01 EMISSION ESTIMATES BASED ON 1996 PROD.

3120	0004	ADDIS PLANT	PORT ALLEN	WEST BATON ROUGE

64 64-89 C3 SPHERE NO EMISSION TO ATMOSPHERE

UTM Zone: 15 UTM Horizontal: 667.0 UTM Vertical: 3,357.0
Height: 25 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.00	099	000	0	0.0000	0	5	
43205	PROPYLENE	0.00	092	023	0	0.0000	0	5	

65 65-89 PROPANE STG TANK - PRESSURIZED

UTM Zone: 15 UTM Horizontal: 667.0 UTM Vertical: 3,357.0
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43204	PROPANE	0.00	092	023	0	0.0000	0	5	

66 66-89 CEMENT SPHERES - PRESSURE VESSELS

UTM Zone: 15 UTM Horizontal: 668.3 UTM Vertical: 3,357.9
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.00	092	023	0	0.0000	0	5	

67 67-89 TEMP. SOLVENT STORAGE TANK

UTM Zone: 15 UTM Horizontal: 667.5 UTM Vertical: 3,357.0
Height: 16 Diameter: 0.5 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 00000099 Normal Operating Time: 24713

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.03	088	093	0	0.0000	0	5	
43231	N-HEXANE	0.00	088	093	0	0.0000	0	5	

68 68-89 NPPDA STORAGE TANK

UTM Zone: 15 UTM Horizontal: 667.5 UTM Vertical: 3,357.0
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43102	NONMETHANE HYDROCARBONS	0.01	093	000	0	0.0000	0	5	
43199	43199	0.01	093	000	0	0.0000	0	5	

69 69-90 WATER TRANSFER STORAGE TANKS - 2 TANKS

UTM Zone: 15 UTM Horizontal: 667.5 UTM Vertical: 3,357.0
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.01	000	000	0	0.0000	0	5	

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EIS Point Summary

2001 08/06/2002

DSM CO/ADDIS PLT._9263 LAHWY 1_ADDIS_LA_70710_
DSM COPOLYMER_9263 LAWHY 1_ADDIS_LA_70710_
3120-00008-01 EMISSION ESTIMATES BASED ON 1996 PROD.

3120 0004 ADDIS PLANT PORT ALLEN WEST BATON ROUGE

70 70-90 OIL ADDITIVES STORAGE TANKS - 11 TANKS

UTM Zone: 15 UTM Horizontal: 667.5 UTM Vertical: 3,357.0
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.01	087	000	0	0.0000	0	5	

71 71-90 OIL STORAGE TANKS - 3 TANKS

UTM Zone: 15 UTM Horizontal: 667.5 UTM Vertical: 3,357.0
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43102	NONMETHANE HYDROCARBONS	0.01	087	000	0	0.0000	0	5	
43104	TOTAL NM/NE HC	0.01	087	000	0	0.0000	0	5	

72 72-90 STIPPER SHAKER SCREEN EP2

UTM Zone: 15 UTM Horizontal: 667.8 UTM Vertical: 3,357.3
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.77	046	000	0	3.0000	3	5	
43231	N-HEXANE	0.50	046	000	0	2.0000	3	5	

73 73-90 EXPELLER - NO. 10 LINE

UTM Zone: 15 UTM Horizontal: 667.8 UTM Vertical: 3,357.2
Height: 50 Diameter: 0.2 Temperature: 120 Flow Rate: 2,900 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	8.13	046	000	0	34.0000	36	2	
43105	ISOMERS OF HEXANE	8.13	046	000	0	12.0000	36	2	
43231	N-HEXANE	0.00	046	000	0	22.0000	36	2	
45202	TOLUENE	0.00	046	000	0	0.0000	35	2	

74 74-90 LINE #10 DRYER VENT

UTM Zone: 15 UTM Horizontal: 667.8 UTM Vertical: 3,357.2
Height: 50 Diameter: 0.3 Temperature: 120 Flow Rate: 100,000 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
42101	CARBON MONOXIDE	0.38	000	000	0	2.0000	2	5	
42401	SULFUR OXIDES (SOX)	0.01	000	000	0	0.0000	0	5	
42602	NITROGEN OXIDES	1.51	000	000	0	4.0000	7	5	
43104	TOTAL NM/NE HC	11.29	046	000	0	47.0000	49	2	
43105	ISOMERS OF HEXANE	11.29	046	000	0	20.0000	49	2	
43231	N-HEXANE	11.29	046	000	0	27.0000	49	5	
45202	TOLUENE	0.00	046	000	0	0.0000	10	5	
81102	PM-10	0.19	000	000	0	1.0000	0	5	

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EIS Point Summary

2001 08/06/2002

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3120-00008-01 EMISSION ESTIMATES BASED ON 1996 PROD.

3120 0004 ADDIS PLANT PORT ALLEN WEST BATON ROUGE

75 75-93 HAZARDOUS WASTE FEED TANK

UTM Zone: 15 UTM Horizontal: 667.8 UTM Vertical: 3,357.2
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43231	N-HEXANE	0.00	048	093	0	0.0000	0	1	
45202	TOLUENE	0.00	048	093	0	0.0000	0	1	

76 76-99 THIRD STAGE RECOVERY SYSTEM CONDENSER

UTM Zone: 15 UTM Horizontal: 667.8 UTM Vertical: 3,357.2
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	1.10	000	000	0	2.0000	0	2	C
43231	N-HEXANE	0.91	000	000	0	2.0000	0	2	C

97 97 FUGITIVE EMISSIONS BIF UNIT AND ASSOCIATED

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.5
Height: 0 Diameter: 0.0 Temperature: 77 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.05	000	000	0	0.0000	0	1	

98 98 FUGITIVE EMISSIONS PROPENE PURIFICATION

UTM Zone: 15 UTM Horizontal: 667.5 UTM Vertical: 3,357.0
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 24752

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
43104	TOTAL NM/NE HC	0.55	000	000	0	2.0000	2	2	
43205	PROPYLENE	52.70	000	000	0	2.0000	2	5	

99 99 FUG. EMISSIONS PLANT WIDE INCL.EQPT & AREAS

UTM Zone: 15 UTM Horizontal: 668.0 UTM Vertical: 3,357.0
Height: 0 Diameter: 0.0 Temperature: 0 Flow Rate: 0 Velocity: 0
Throughput: 25252525 Normal Operating Time: 00052

SAROAD	Pollutant	Permitted	Pri	Sec	Measured	Estimated	Allowable	E	A
42604	AMMONIA	1.20	000	000	0	4.0000	5	2	
43104	TOTAL NM/NE HC	52.70	000	000	0	178.0000	231	5	C
43105	ISOMERS OF HEXANE	0.00	000	000	0	48.0000	231	5	C
43203	ETHYLENE	52.70	000	000	0	15.0000	230	5	C
43205	PROPYLENE	52.70	000	000	0	15.0000	230	5	C
43231	N-HEXANE	52.70	000	000	0	100.0000	231	5	C

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DSM

2002 EIS EMISSIONS BY POINT

EMaster™ *Louisiana Air 2003*

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NEDSID	PermitEmis	Comment	PollutantCode	Pollutant	EstimatedEmissions	MeasuredEmissions	AllowableEmissions
04	4-78	HEXANE RECYCLE - NO EMISSION C2 BLANKET	43231	HEXANE	0.0000	0.0000	0.0000
08	8-78	HEXANE MANWAY	43231	HEXANE	2.0000	0.0000	6.0000
10	10-78	EN STORAGE MANWAY	43231	HEXANE	1.0000	0.0000	2.0000
10	10-78	EN STORAGE MANWAY	45202	TOLUENE	0.0000	0.0000	0.0000
14	14-78	COAGULATOR O/H CLOSED TO ATM	43231	HEXANE	0.0000	0.0000	0.0000
16	16-78	WET WASH SOLVENT SURGE	43231	HEXANE	1.0000	0.0000	2.0000
18	18-78	TRAMP STRIPPER OUTFALL EP#1 UNIT	43231	HEXANE	0.0000	0.0000	1.0000
19	19-78	HEXANE SURGE TANK	43231	HEXANE	1.0000	0.0000	2.0000
20	20-78	LOW PRESSURE VENT	43231	HEXANE	0.0000	0.0000	0.0000
21	21-80	TOLUENE STORAGE TANK	45202	TOLUENE	0.0000	0.0000	0.0000
23	23-81	CATALYST MAKE-UP TANK EP1 TANK A	43231	HEXANE	2.0000	0.0000	2.0000
24	24-81	CATALYST MAKE-UP TANK EP1 TANK B	43231	HEXANE	2.0000	0.0000	2.0000
25	25-81	TLA CATALYST MAKEUP TANK A	43231	HEXANE	1.0000	0.0000	2.0000
26	26-81	TLA CATALYST MAKEUP TANK B	43231	HEXANE	1.0000	0.0000	2.0000
27	27-81	ANTI-OXIDANT MAKE UP TANK	45202	TOLUENE	0.0000	0.0000	0.0000
28	28-81	PROMOTER MAKEUP TANK	43231	HEXANE	0.0000	0.0000	0.0000
29	29-81	NEAT CATALYST STORAGE TANK	43231	HEXANE	1.0000	0.0000	2.0000
30	30-81	ALKYL BLEND TANK EP1	43231	HEXANE	1.0000	0.0000	2.0000
31	31-81	HEXANE TANK OA1 PLANT	43231	HEXANE	1.0000	0.0000	1.0000
34	34-81	FINISHING BUILDING DRYER LINE NO. 9 UNIT	43105	ISOMERS OF HEXANE	26.0000	0.0000	49.0000
34	34-81	FINISHING BUILDING DRYER LINE NO. 9 UNIT	43231	HEXANE	23.0000	0.0000	49.0000
34	34-81	FINISHING BUILDING DRYER LINE NO. 9 UNIT	45202	TOLUENE	0.0000	0.0000	49.0000
35	35-81	FINISHING BUILDING NO. 8 LINE DRYER UNIT	43105	ISOMERS OF HEXANE	23.0000	0.0000	49.0000
35	35-81	FINISHING BUILDING NO. 8 LINE DRYER UNIT	43231	HEXANE	26.0000	0.0000	49.0000
35	35-81	FINISHING BUILDING NO. 8 LINE DRYER UNIT	45202	TOLUENE	0.0000	0.0000	49.0000
38	38-82	FINISHING BUILDING DRYER NO. 7 DRYER UNIT	43105	ISOMERS OF HEXANE	27.0000	0.0000	49.0000
38	38-82	FINISHING BUILDING DRYER NO. 7 DRYER UNIT	43231	HEXANE	22.0000	0.0000	49.0000
38	38-82	FINISHING BUILDING DRYER NO. 7 DRYER UNIT	45202	TOLUENE	0.0000	0.0000	49.0000
39	39-82	STRIPPER SHAKER SCREENS #3LINE	43231	HEXANE	1.0000	0.0000	2.0000
41	41-82	PROMOTER MAKEUP TANK	43231	HEXANE	1.0000	0.0000	1.0000
42	42-82	VINYL NORBORNENE STG	43102	NONMETHANE HYDRO	0.0000	0.0000	0.0000
48	48-86	TRAMP STRIPPER OUTFALL OA1	43231	HEXANE	1.0000	0.0000	0.0000
50	50-88	PROMOTER STORAGE TANK	43231	HEXANE	0.0000	0.0000	0.0000
51	51-88	ANTIOXIDANT FEED TANK EPDM PLANT 2	45202	TOLUENE	0.0000	0.0000	0.0000
52	52-88	ALKYL FEED TANK EP2	43231	HEXANE	0.0000	0.0000	0.0000
53	53-88	ALKYL FEED VESSEL OA1	43231	HEXANE	0.0000	0.0000	0.0000
54	54-88	PROMOTER MAKE UP TANK EP 2	43231	HEXANE	1.0000	0.0000	2.0000
55	55-88	TRAMP STRIPPER EP 2	43231	HEXANE	0.0000	0.0000	0.0000
56	56-88	ALKYL FEED TANK EP2	43231	HEXANE	1.0000	0.0000	1.0000
57	57-88	CATALYST MAKEUP TANK A EP2	43231	HEXANE	0.0000	0.0000	1.0000
58	58-88	CATALYST MAKEUP TANK B EP2	43231	HEXANE	0.0000	0.0000	1.0000
59	59-88	LOW PRESSURE VENT TANK EP2	43231	HEXANE	0.0000	0.0000	0.0000
60	60-88	MALEIC ANHYDRIDE STORAGE TANK	43102	NONMETHANE HYDRO	0.0000	0.0000	0.0000
60	60-88	MALEIC ANHYDRIDE STORAGE TANK	43603	MALEIC ANHYDRIDE	0.0000	0.0000	0.0000
61	61-88	EXPELLER - NO. 9 FINISHING LINE	43105	ISOMERS OF HEXANE	3.0000	0.0000	10.0000
61	61-88	EXPELLER - NO. 9 FINISHING LINE	43231	HEXANE	7.0000	0.0000	10.0000
61	61-88	EXPELLER - NO. 9 FINISHING LINE	45202	TOLUENE	0.0000	0.0000	9.0000
62	62-88	EXPELLER NO.8 FINISHING LINE	43105	ISOMERS OF HEXANE	3.0000	0.0000	10.0000
62	62-88	EXPELLER NO.8 FINISHING LINE	43231	HEXANE	7.0000	0.0000	10.0000
62	62-88	EXPELLER NO.8 FINISHING LINE	45202	TOLUENE	0.0000	0.0000	9.0000
63	63-88	EXPELLER - NO. 7 FINISHING LINE	43105	ISOMERS OF HEXANE	3.0000	0.0000	10.0000
63	63-88	EXPELLER - NO. 7 FINISHING LINE	43231	HEXANE	7.0000	0.0000	10.0000
63	63-88	EXPELLER - NO. 7 FINISHING LINE	45202	TOLUENE	0.0000	0.0000	0.0000
64	64-89	C3 SPHERE NO EMISSION TO ATMOSPHERE	43205	PROPENE	0.0000	0.0000	0.0000
65	65-89	PROPANE STG TANK - PRESSURIZED	43204	PROPANE			

67	67-89	TEMP. SOLVENT STORAGE TANK	43231	HEXANE	0.0000	0.0000	0.0000
68	68-89	NPPDA STORAGE TANK	43102	NONMETHANE HYDRO	0.0000	0.0000	0.0000
71	71-90	OIL STORAGE TANKS - 3 TANKS	43102	NONMETHANE HYDRO	0.0000	0.0000	0.0000
72	72-90	STIPPER SHAKER SCREEN EP2	43231	HEXANE	2.0000	0.0000	3.0000
73	73-90	EXPELLER - NO. 10 LINE	43105	ISOMERS OF HEXANE	12.0000	0.0000	36.0000
73	73-90	EXPELLER - NO. 10 LINE	43231	HEXANE	22.0000	0.0000	36.0000
73	73-90	EXPELLER - NO. 10 LINE	45202	TOLUENE	0.0000	0.0000	35.0000
74	74-90	LINE #10 DRYER VENT	43105	ISOMERS OF HEXANE	20.0000	0.0000	49.0000
74	74-90	LINE #10 DRYER VENT	43231	HEXANE	27.0000	0.0000	49.0000
74	74-90	LINE #10 DRYER VENT	45202	TOLUENE	0.0000	0.0000	10.0000
75	75-93	HAZARDOUS WASTE FEED TANK	43231	HEXANE	0.0000	0.0000	0.0000
75	75-93	HAZARDOUS WASTE FEED TANK	45202	TOLUENE	0.0000	0.0000	0.0000
76	76-99	THIRD STAGE RECOVERY SYSTEM CONDENSER	43231	HEXANE	1.0000	0.0000	0.0000
98	98	FUGITIVE EMISSIONS PROPENE PURIFICATION	43205	PROPENE	2.0000	0.0000	2.0000
99	99	FUG. EMISSIONS PLANT WIDE INCL.EQPT & AREAS	43105	ISOMERS OF HEXANE	48.0000	0.0000	231.0000
99	99	FUG. EMISSIONS PLANT WIDE INCL.EQPT & AREAS	43203	ETHYLENE	20.0000	0.0000	230.0000
99	99	FUG. EMISSIONS PLANT WIDE INCL.EQPT & AREAS	43205	PROPENE	20.0000	0.0000	230.0000
99	99	FUG. EMISSIONS PLANT WIDE INCL.EQPT & AREAS	43231	HEXANE	103.0000	0.0000	231.0000

DSM

PART 70 OPERATING PERMIT

PERMIT NO.: 3120-00004-V0

State of Louisiana

Department of Environmental Quality

KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY

Certified Mail No. 7002 0460 0002 6051 2997
EPA CERTIFIED MAIL NO. 7002 0460 0002 6051 3000

Agency Interest No. 2519
Activity No.: PER19960001

Mr. Lloyd J. Tabary II, Esq.
Environmental Manager
DSM Copolymer, Inc.
P.O. Box 2591
Baton Rouge, Louisiana 70821-2591

RE: Part 70 Operating Permit, Addis Plant, DSM Copolymer, Inc., Agency Interest No. 2519, Addis, West Baton Rouge Parish, Louisiana

Dear Mr. Tabary:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 5th of March, 2009, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and Agency Interest No. cited above should be referenced in future correspondence regarding this facility.

Done this 5th day of March, 2004.

Permit No.: 3120-00004-V0

Sincerely,

Linda Korn Levy
Assistant Secretary
LKL/mv
cc: EPA Region VI

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
DSM COPOLYMER, INC.
PROPOSED PART 70 AIR PERMIT

The LDEQ, Office of Environmental Services, is accepting written comments on initial Part 70 Air Permit for DSM Copolymer, Inc, P.O. Box 2591, Baton Rouge, Louisiana 70821-2591 for the Addis Plant. **The facility is located at 9263 Highway 1, 1 mile south of Addis in West Baton Rouge Parish.**

DSM Copolymer, Inc. proposes to remove Emission Points 9-78, 10-78. These point sources are vessels pertaining to the EN Recovery Unit, which has been removed of service in early October 2003. As it stands today, these vessels are no longer receiving any new material as part of the EN recovery process. The free liquids in these vessels have been removed and the facility has proceeded with the decommissioning of these vessels. This application also removes Emission Points 13-78, 15-78, 67-89. These vessels are not longer in service. In addition this permit removes the Stripper Shaker Screen, Emission Point 72-90. Finally this permit reconciles emissions from three (3) existing cooling towers (Emission Points 76, 77 and 78) and two (2) diesel firewater pumps. These two (2) pumps are classified as insignificant activities. This permit adds the emissions from point sources 01-03 through 03-03, which are the cooling towers (grandfathered sources) and that equals to 15.99 tons of VOCs. There are no actual emissions increase in this permit.

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM_{10}	8.85	8.85	-
SO_2	0.67	0.67	-
NO_X	147.23	147.23	-
CO	36.70	36.70	-
VOC	545.27	561.26	+15.99

Written comments, written requests for a public hearing, or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Thursday, February 26, 2004.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit application, proposed permit, statement of basis, and public notice are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). Additional copies may be reviewed at the West Baton Rouge Parish Library, 830 North Alexander, Port Allen, LA 70767-2327.

Inquiries or requests for additional information regarding this permit action should be directed to Petrochemicals, Dr. Marta Vasquez, LDEQ, Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3128.

Persons wishing to be included on the LDEQ permit public notice mailing list should contact Ms. Soumaya Ghosn in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3276, or by email at maillistrequest@ldeq.org.

Permit public notices can be viewed on the LDEQ Permits public Web page at WWW.deq.state.la.us/news/PubNotice/.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.state.la.us/ldbc/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI2519, 3120-00004-V0, and Activity Tracking Number PER19960001.

Publication date: January 22, 2004.

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AIR PERMIT BRIEFING SHEET
PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

ADDIS PLANT
AGENCY INTEREST NO.: 2519
DSM COPOLYMER INC.
ADDIS, WEST BATON ROUGE PARISH, LOUISIANA

I. Background

DSM Copolymer Inc. (DCI) operates a synthetic rubber manufacturing plant located one mile south of Addis in West Baton Rouge Parish, Louisiana. The original grandfathered plant was authorized to use fuel oil under Permit Number 258, dated December 18, 1973. Permit Number 899, dated February 28, 1978 allows the plant to produce the new TLA liquid polymer. A third finishing line was added to the plant under Permit Number 1742T, dated December 20, 1988. The EPM/EPDM production was allowed to increase to 160 million pounds per year by Permit Number 1742T(M-1). The plant added a fourth finishing line under Permit Number 3120-00004-01, dated October 12, 1990. Permit Number 3120-00004-02, dated October 23, 1992 modified the Boiler No. 3. Currently the plant operates under Permit Number 3120-00004-03 dated July 10, 1997.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire was submitted by DCI on October 15, 1996 requesting a Part 70 operating permit. Additional information dated June 20, 1997, September 13, 1999 and August 5, 2003, were also received.

III. Description

The Addis Plant is a synthetic rubber manufacturing plant that produces both solid and liquid polymers. To produce solid polymer, ethylene and propylene monomers are received by pipeline and mixed in the desired ratio. These monomers plus a third monomer are then metered to the reactor section where a catalyst is added and polymerization takes place. Because the process is a solution polymerization a solvent is also added to the feed blending section. The polymer/solvent solution is shortstopped to stop polymerization. After this step the solution is pumped to the coagulation section where the majority of unreacted monomers and solvent are removed and recycled. Remaining monomers and solvent are removed in the stripping section. The crumb rubber is pumped to the finishing section where it is mechanically dewatered and pressed into bales for shipment. Water generated from this section is sent to a secondary low pressure stripping system prior to discharge. The solid polymer is produced in the EP-1 and EP-2 units.

To produce liquid polymer, ethylene and propylene monomers are received by pipeline and mixed in the desired ratio. Solvent and monomers are mixed and metered into the reactor with catalyst to produce a polymer/solvent solution. A third monomer may also be

added for a different liquid polymer type. The polymer/solvent solution is then shortstopped. This solution then goes to a flash finishing section. In this finishing section the polymer is mixed with hot oil and monomers and solvent are separated from the concentrated oil/polymer product. This product is pumped into tanks for storage before leaving the plant by railcar. Recycled monomers and solvent are sent to a separate recovery station for purification before being returned to the feed blending area. The liquid polymer is produced in the OA-1 unit.

This permit removes Emission Points 9-78, 10-78. These point sources are vessels pertaining to the EN Recovery Unit, which has been removed of service in early October 2003. As it stands today, these vessels are no longer receiving any new material as part of the EN recovery process. The free liquids in these vessels have been removed and the facility has proceeded with the decommissioning of these vessels. This application also removes Emission Points 13-78, 15-78, 67-89. These vessels are no longer in service. In addition, this permit removes the Stripper Shaker Screen, Emission Point 72-90. Finally this permit reconciles emissions from three (3) existing cooling towers (Emission Points 76, 77 and 78) and two (2) diesel firewater pumps. These two (2) pumps are classified as insignificant activities. This permit adds the emissions from point sources 01-03 through 03-03, which are the cooling towers and that equals to 15.99 tons of VOCs. There are no actual emissions increases in this permit.

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM_{10}	8.85	8.85	-
SO_2	0.67	0.67	-
NO_X	147.23	147.23	-
CO	36.70	36.70	-
VOC	545.27	561.26	+15.99

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	
n-Hexane	268.23
Toluene	53.52
Total	321.75

non-VOC (TPY):	
Maleic anhydride	0.04
HCl	0.025
Clorine	0.004
Total	0.069

Other (TPY):	
SO_3	0.01
Total	0.01

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, Prevention of Significant Deterioration (PSD), New Source Performance Standards (NSPS), and NESHAP.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on January 22, 2004, and in the West Side Journal, Port Allen, on January 22, 2004, and submitted to the West Baton Rouge Parish Library on January 22. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental

Services Public Notice Mailing List on January 16, 2004. The draft permit was also submitted to US EPA Region VI on January 15, 2004. No comments from the public were received.

VII. Effects on Ambient Air

Dispersion Model(s) Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Air Quality Standard (NAAQS)

VIII. General Condition XVII Activities

Emission Point	Description	Pollutant	Emissions (TPY)	Operating Rate (Max) or Tank Capacity
01-02	Short Stop Decanter Cleanings	n-Hexane	0.12	36 cleanings/yr
02-02	Reactor Cleanings	n-Hexane	0.02	10 cleanings/yr
03-02	Graft Reactor Cleanings	n-Hexane	1.86	32 cleanings/yr
04-02	Flare Seal Knock-out Pot Mainteance	n-Hexane	0.37	2 cleanings/yr
05-02	Tramp Strippers Maintenance	n-Hexane	0.450	6 Bypasses/yr
06-02	Cement Strainers Maintenance	n-Hexane	1.19	36 cleanings/yr
07-02	Coagulators Maintance	n-Hexane	4.67	14 cleanings/yr
08-02	Strippers Maintenance	n-Hexane	0.78	14 cleanings/yr
09-02	Reboilers Maintenance	n-Hexane	2.64	16 cleanings/yr
10-02	Spray Pots Maintenance	n-Hexane	2.23	6 cleanings/yr
11-02	Wash Pots Maintenance	n-Hexane	2.13	16 cleanings/yr
12-02	Third Stage	n-Hexane	1.10	4 cleanings/yr

VIII. General Condition XVII Activities

Emission Point	Description	Pollutant	Emissions (TPY)	Operating Rate (Max) or Tank Capacity
13-02	Chiller Maintenance Third Stage Flash Maintenance	n-Hexane	0.01	1 cleaning/yr
14-02	Second Stage Flash Maintenance	n-Hexane	0.28	1 cleaning/yr
15-02	First Stage Flash Maintenance	n-Hexane	0.42	1 cleaning/yr

IX. Insignificant Activities

ID	Description	Citation
NA	Misc. Drums and Containers	LAC 33:III.501.B.5.A.2
NA	Diesel Fuel Tank (TK-35-102)	LAC 33:III.501.B.5.A.3
NA	Diesel Fuel Tank (TK-78-103)	LAC 33:III.501.B.5.A.3
NA	Overseas Cylinder	LAC 33:III.501.B.5.A.3
NA	Dispersion Tank	LAC 33:III.501.B.5.A.5
NA	Additive Tank	LAC 33:III.501.B.5.A.5
NA	Corrosion Inhibitor Tank	LAC 33:III.501.B.5.A.5
NA	Calcium Tank	LAC 33:III.501.B.5.A.5
NA	Corrosion Inhibitor/Dispersion Tank	LAC 33:III.501.B.5.A.5
NA	Seven (7) 93% Sulfuric Acid Tanks	LAC 33:III.501.B.5.A.5
NA	Diesel Welding Machine 45 HP	LAC 33:III.501.B.5.A.6
NA	Diesel Welding Machine 45 HP	LAC 33:III.501.B.5.A.6
NA	Diesel Welding Machine 31 HP	LAC 33:III.501.B.5.A.6

IX. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104	2107	2111	2113	2115	2121	2122	29	51	52	56	59
	Plant Wide		1			1			3		1					1			1
EQT 8	4-78 Storage Tank						1									1			
EQT 9	7-78 Natural Gas K O Drain						1									1			
EQT 10	8-78 Storage Tank						1									1			
EQT 14	16-78 Wet Wash Solvent Surge Tank						1									1			
EQT 15	18-78 Tramp Stripper Outfalls						1									1			
EQT 16	19-78 Dry Wash Solvent Surge Tank						1									1			
EQT 17	20-78 Low Pressure Vent															1			
EQT 18	21-80 Toluene Storage Tank						1									1			
EQT 19	22-80 Gasoline Storage Tank						1												
EQT 20	23-81 Catalyst and Promoter Make-up Tank						1									1			
EQT 21	24-81 Catalyst and Promoter Make-up Tank						1									1			
EQT 22	25-81 Catalyst and Promoter Make-up Tank						1									1			
EQT 23	26-81 Catalyst and Promoter Make-up Tank						1									1			
EQT 24	27-81 Antioxidant Make-up															1			

IX. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104	2107	2111	2113	2115	2121	2122	29	51	52	56	59
EQT 25	28-81 Catalyst and Promoter Make-up Tank						1									1			
EQT 26	29-81 Neat Catalyst Storage Vessel						1									1			
EQT 27	30-81 Storage Tank						1									1			
EQT 28	31-81 Storage Tank						1									1			
EQT 29	32-81 Addis Plant Flare				3	2										1			
EQT 30	33-81 EN											2							
EQT 31	34-81 Finishing Line											2				1			
EQT 32	35-81 Finishing Line				3	2	3					2				1			
EQT 33	36-81 93% Sulfuric Acid Tanks (2)																		
EQT 34	37-81 HCl Storage Tank																		
EQT 35	38-82 Finishing Line											2				1			
EQT 36	39-82 Stripper Shaker Screen											2				1			
EQT 37	40-82 Alkyl Storage						1												
EQT 38	41-82 Catalyst and Promoter Make-up Tank						1									1			
EQT 39	43-82 Storage Tank						1												
EQT 40	44-82 Storage Tank						1												
EQT 41	45-83 Boiler				3	2													

IX. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104	2107	2111	2113	2115	2121	2122	29	51	52	56	59
EQT 42	46-83 Boiler				3	2													
EQT 43	48-86 Tramp Stripper Outfall OA1						1									1			
EQT 44	49-88 RD Storage						2												
EQT 45	50-88 Neat Promoter Storage Tank						1												
EQT 46	51-88 AO Feed Tank EP-2						1									1			
EQT 47	54-88 Catalyst and Promoter Make-up						1									1			
EQT 48	55-88 Tramp Stripper Outfall EP-2						1									1			
EQT 49	57-88 Catalyst Make-Up Tank						1									1			
EQT 50	58-88 Catalyst Make-up															1			
EQT 51	59-88 Low Pressure Vent											2							
EQT 52	60-88 Maleic Anhydride Storage Tank						1												
EQT 53	61-88 Finishing Line				3	2						3				1			
EQT 54	62-88 Finishing Line				3	2						3				1			
EQT 55	63-88 Finishing Line				3	2						3				1			
EQT 56	64-89 Storage Tank						2												
EQT 57	65-89 Storage Tank						2												
EQT 58	66-89 Cement Spheres A, B, C						2												

IX. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104	2107	2111	2113	2115	2121	2122	29	51	52	56	59
EQT 59	69-90 Wastewater Transfer Storage Tank						3												
EQT 60	70-90 Oil Storage Tank						3												
EQT 61	71-90 Oil Storage Tank						3												
EQT 62	73-90 Finishing Line				3	2						2				1			
EQT 63	74-90 Finishing Line				3	3						2				1			
EQT 64	76 Cooling Tower															1			
EQT 65	77Cooling Tower															1			
EQT 66	78Cooling Tower															1			
EQT 67	79 Laboratory Vent System															1			
EQT 68	98 Propylene Tower Fugitive Emissions																		
EQT 69	68-89 NPPDA Storage Tank						1												
FUG1	99 Addis Plant Fugitive						1			1	1		3	1		1			

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

ADDIS PLANT
AGENCY INTEREST NO.: 2519
DSM COPOLYMER INC.
ADDIS, WEST BATON ROUGE PARISH, LOUISIANA

KEY TO MATRIX

1 -The regulations have applicable requirements which apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.

2 -The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS										40 CFR 61			40 CFR 63 NESHAP				40 CFR			
		A	D	Da	Db	Dc	K	Ka	Kb	GG	NNN	A	J	M	A	H	Q	U	52	64	68	82
	Plant Wide													1			2	1			1	1
EQT 8	4-78 Storage Tank								2									1				
EQT 9	7-78 Natural Gas K O Drain																					
EQT 10	8-78 Storage Tank								2									1				
EQT 14	16-78 Wet Wash Solvent Surge Tank								1													
EQT 15	18-78 Tramp Stripper Outfalls																	3				
EQT 16	19-78 Dry Wash Solvent Surge Tank																	1				
EQT 17	20-78 Low Pressure Vent																	2				
EQT 18	21-80 Toluene Storage Tank								2									1				
EQT 19	22-80 Gasoline Storage Tank								2									3				
EQT 20	23-81 Catalyst and Promoter Make-up Tank								2									1				
EQT 21	24-81 Catalyst and Promoter Make-up Tank								2									1				
EQT 22	25-81 Catalyst and Promoter Make-up Tank								2									1				
EQT 23	26-81 Catalyst and Promoter Make-up Tank								2									1				
EQT 24	27-81 Antioxidant Make-up																	1				
EQT 25	28-81 Catalyst and Promoter Make-up Tank								2									1				

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS										40 CFR 61			40 CFR 63 NESHAP				40 CFR			
		A	D	Da	Db	Dc	K	Ka	Kb	GG	NNN	A	J	M	A	H	Q	U	52	64	68	82
EQT 26	29-81 Neat Catalyst Storage Vessel								2									1				
EQT 27	30-81 Storage Tank								2									1				
EQT 28	31-81 Storage Tank								2									1				
EQT 29	32-81 Addis Plant Flare	3													1			1				
EQT 30	33-81 EN																	3				
EQT 31	34-81 Finishing Line																	1				
EQT 32	35-81 Finishing Line																	1				
EQT 33	36-81 93% Sulfuric Acid Tanks (2)																					
EQT 34	37-81 HCl Storage Tank																					
EQT 35	38-82 Finishing Line																	1				
EQT 36	39-82 Stripper Shaker Screen																	1				
EQT 37	40-82 Alkyl Storage																					
EQT 38	41-82 Catalyst and Promoter Make-up Tank								2									1				
EQT 39	43-82 Storage Tank								2									3				
EQT 40	44-82 Storage Tank								2									3				
EQT 41	45-83 Boiler		3	2	2	2																
EQT 42	46-83 Boiler		3	2	2	2																
EQT 43	48-86 Tramp Stripper Outfall OA1																					
EQT 44	49-88 RD Storage								2									3				
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		A	D	Da	Db	Dc	K	Ka	Kb	GG	NNN	A	J	M	A	H	Q	U	52	64	68	82
EQT 46	51-88 AO Feed Tank EP-2																					
EQT 47	54-88 Catalyst and Promoter Make-up								2									1				
EQT 48	55-88 Tramp Stripper Outfall EP-2																					
EQT 49	57-88 Catalyst Make-Up Tanl																					
EQT 50	58-88 Catalyst Make-up								2									2				
EQT 51	59-88 Low Pressure Vent																	3				
EQT 52	60-88 Maleic Anhydride Storage Tank								2									1				
EQT 53	61-88 Finishing Line																	1				
EQT 54	62-88 Finishing Line																	1				
EQT 55	63-88 Finishing Line																	1				
EQT 56	64-89 Storage Tank								3									3				
EQT 57	65-89 Storage Tank								3									3				
EQT 58	66-89 Cement Spheres A, B, C								3									3				
EQT 59	69-90 Wastewater Transfer Storage Tank								3									2				
EQT 60	70-90 Oil Storage Tank								2									3				
EQT 61	71-90 Oil Storage Tank								2									3				
EQT 62	73-90 Finishing Line																	1				
EQT 63	74-90 Finishing Line																	1				
EQT 64	76 Cooling Tower																3	1				

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS										40 CFR 61			40 CFR 63 NESHAP				40 CFR			
		A	D	Da	Db	Dc	K	Ka	Kb	GG	NNN	A	J	M	A	H	Q	U	52	64	68	82
EQT 65	77Cooling Tower																3	1				
EQT 66	78Cooling Tower																3	1				
EQT 67	79 Laboratory Vent System																					
EQT 68	98 Propylene Tower Fugitive Emissions										3							3				
EQT 69	68-89 NPPDA Storage Tank								3									3				
FUG1	99 Addis Plant Fugitive															1		1				

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XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
Facility Wide	Volatile Organic Compounds – Loading LAC 33:III.2107	Does not apply – Facility loads less than 40,000 gallons per day of propylene
	Limiting VOC Emissions from SOCMI Reactor Processes and Distillation Operations LAC 33:III.2147	Does not apply – Facility has only the distillation operations at the propylene purification system which is SOCMI. There are no vent streams from this operations discharging to the atmosphere
	Prevention of Air Pollution Emergency Episode - LAC 33:III.5609 and 5611	Does not apply – Facility is not one of the listed sources in Tables 5, 6, or 7
	NSPS Subpart DDD – Standards of Performance for Volatile Organic Compounds (VOC) Emissions from the Polymer Manufacturing Industry 40 CFR 60.560	Does not apply – Products are ethylene rubber and propylene rubber 40 CFR 60.561
	NSPS Subpart III – Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes 40 CFR 60.610	Does not apply – Does not produce any of the chemicals listed in 40 CFR 60.617 as a product, co-product, by-product, or intermediate
	NSPS Subpart RRR – Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes 40 CFR 60.700	Does not apply – Does not produce any of the chemicals listed in 40 CFR 60.707 as a product, co-product, by-product, or intermediate except for the propylene purification system which is not an affected facility because no construction, modification, or reconstruction commenced after June 29, 1990

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 8 4-78 Storage Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and have not been modified after 1984
EQT 9 7-78 Natural Gas K O Drain	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-506	Exempt – This is a back-end wastewater stream exempt per 40 CFR 63.501(c)(2)
EQT 15 18-78 Tramp Stripper Outfalls	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Does not apply - Capacity less than 40 m^3.
	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-493	Does not apply – This vessel stores a liquid containing an organic HAP and is a surge control vessel per 40 CFR 63.502
EQT 17 20-78 Low Pressure Vent	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-485	Does not apply – This equipment handles material containing an organic HAP and is excluded per 40 CFR 63.482
EQT 18 21-80 Toluene Storage Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and has not been modified after 1984
EQT 19 22-80 Gasoline Storage Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and have not been modified after 1984

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 20 23-81 Catalyst and Promoter Make-up Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and have not been modified after 1984
EQT 21 24-81 Catalyst and Promoter Make-up Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and have not been modified after 1984
EQT 22 25-81 Catalyst and Promoter Make-up Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and have not been modified after 1984
EQT 23 26-81 Catalyst and Promoter Make-up Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and have not been modified after 1984
EQT 24 27-81 Antioxidant Make-up	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and have not been modified after 1984
EQT 25 28-81 Catalyst and Promoter Make-up Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and have not been modified after 1984

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 26 29-81 Neat Catalyst Storage Vessel	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and have not been modified after 1984
EQT 27 30-81 Storage Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and have not been modified after 1984
EQT 28 31-81 Storage Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and have not been modified after 1984
EQT 29 32-81 Addis Plant Flare	Emission Limits – Including Fluid Catalytic Cracking Units LAC 33:III.1311.B	Does not apply – The flare combusts gaseous fuels only. Gaseous fuels are not included in the definition of Process Weight per LAC 33:III.111
	Emissions from Fuel Burning Equipment LAC 33:III.1311.C	Does not apply – The flare is not "fuel burning equipment" as defined in LAC 33:III.111
	Emission Standard for Sulfur Dioxide LAC 33:III.1503	Exempted per LAC 33:III.1503.C
	NSPS Subpart A – General Control Device Requirements 40 CFR 60.18	Does not apply – The flare is not used as a control device to comply with applicable provisions of 40 CFR 60 or 61

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 30 33-81 EN Recovery Jet	Waste Gas Disposal LAC 33:III.2115	Exempt per LAC 33:III.2115.H.1.c VOC emissions < 100 lbs/24 hours
	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-485	Does not apply – This equipment handles material containing an organic HAP and is excluded per 40 CFR 63.482
EQT 31 34-81 Finishing Line	Waste Gas Disposal LAC 33:III.2115	Exempt – Point source associated with the finishing operation located downstream of the Point of Compliance as outlined in NESHAPS 63 Subpart U, therefore it is exempt from further controls for emissions of hexane, provided the residual HAP standard is met at the Point of Compliance. Since NESHAPS 63 Subpart U is a more stringent federal standard than LAC 33:III.2115 "Waste Gas Disposal", this point source is exempt from LAC 33:III.2115

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 32 35-81 Finishing Line	Waste Gas Disposal LAC 33:III.2115	Exempt – Point source associated with the finishing operation located downstream of the Point of Compliance as outlined in NESHAPS 63 Subpart U, therefore it is exempt from further controls for emissions of hexane, provided the residual HAP standard is met at the Point of Compliance. Since NESHAPS 63 Subpart U is a more stringent federal standard than LAC 33:III.2115 "Waste Gas Disposal", this point source is exempt from LAC 33:III.2115
	Emission Limits – Including Fluid Catalytic Cracking Units LAC 33:III.1311B	Does not apply – Combusts gaseous fuels only. Gaseous fuels are not included in the definition of Process Weight per LAC 33:III.111
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt per LAC 33:III.1503.C
EQT 33 36-81 93% Sulfuric Acid Tanks (2)	None	NA

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 35 38-82 Finishing Line	Waste Gas Disposal LAC 33:III.2115	Exempt – Point source associated with the finishing operation located downstream of the Point of Compliance as outlined in NESHAPS 63 Subpart U, therefore it is exempt from further controls for emissions of hexane, provided the residual HAP standard is met at the Point of Compliance. Since NESHAPS 63 Subpart U is a more stringent federal standard than LAC 33:III.2115 "Waste Gas Disposal", this point source is exempt from LAC 33:III.2115
EQT 36 39-82 Stripper Shaker Screen	Waste Gas Disposal LAC 33:III.2115	Exempt per LAC 33:III.2115.H.1.a or b VOC emissions < 100 lbs/24 hours
EQT 38 41-82 Catalyst and Promoter Make-up Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and have not been modified after 1984
EQT 39 43-82 Storage Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt – The volume is less than 75 m^3 and is a process tank that does not meet the definition of storage tank
	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-506	Exempt – Tank does not store any organic HAP 40 CFR 63.480(c)(1)

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 40 44-82 Storage Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - Constructed prior to 1984 and have not been modified after 1984
	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-506	Exempt – Tank does not store any organic HAP 40 CFR 63.480(c)(1)
EQT 41 45-83 Boiler	Emissions Limits – Including Fluid Catalytic Cracking Units LAC 33:III.1311B	Does not apply
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt per LAC 33:III.1503.C
	NSPS Subpart D – Fossil Fuel Fired Steam Generators 40 CFR 60.40	Does not apply – Heat input rate less than 250 MM BTU/hr
	NSPS Subpart Da – Electric Utility Steam Generating Units 40 CFR 60.40a	Does not apply – These units do not meet the definition of "Electric Utility Steam Generating Unit" in 40 CFR 60.41a
	NSPS Subpart Db – Industrial – Commercial – Institutional Steam Generating Units 40 CFR 60.40b	Does not apply – Constructed prior to 1984 and have not been modified since 1984
	NSPS Subpart Dc – Small Industrial – Commercial – Institutional Steam Generating Units 40 CFR 60.40c	Does not apply – Constructed prior to 1984 and have not been modified since 1984
EQT 42 46-83 Boiler	Emissions Limits – Including Fluid Catalytic Cracking Units LAC 33:III.1311B	Does not apply
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt per LAC 33:III.1503.C

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 42 46-83 Boiler (Continued)	NSPS Subpart D – Fossil Fuel Fired Steam Generators 40 CFR 60.40	Does not apply – Heat input rate less than 250 MM BTU/hr
	NSPS Subpart Da – Electric Utility Steam Generating Units 40 CFR 60.40a	Does not apply – These units do not meet the definition of "Electric Utility Steam Generating Unit" in 40 CFR 60.41a
	NSPS Subpart Db – Industrial – Commercial – Institutional Steam Generating Units 40 CFR 60.40b	Does not apply – Constructed prior to 1984 and have not been modified since 1984
	NSPS Subpart Dc – Small Industrial – Commercial – Institutional Steam Generating Units 40 CFR 60.40c	Does not apply – Constructed prior to 1984 and have not been modified since 1984
EQT 44 49-88 RD Storage Tank	Storage of VOC LAC 33:III.2103	Exempt - The vapor pressure of the stored liquid is less than 1.5 psia
	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Does not apply - Capacity less than 40 m^3.
	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-506	Exempt – Tank does not store any organic HAP. 40 CFR 63.480(c)(1)
EQT 47 54-88 Catalyst and Promoter Make-up Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt – The volume is less than 75 m^3 and is a process tank that does not meet the definition of storage tank

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 50 58-88 Catalyst Make-up Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Does not apply - Capacity less than 40 m^3.
	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-506	Does not apply - Capacity less than 75 m^3 40 CFR 63.482
EQT 51 59-88 Low Pressure Vent	Waste Gas Disposal LAC 33:III.2115	Exempt per LAC 33:III.2115.H.1.c VOC emissions < 100 lbs/24 hours
	NESHAP Subpart U – Group I Polymers and Resins Continuous Front-end Process Vent 40 CFR 63.485	Does not apply – Handles material containing an organic HAP and is excluded from the definition of continuous front-end process vent (flow rate less than 0.005 scmm with a concentration of 50 ppm) 40 CFR 63.482
EQT 53 61-88 Finishing Line	Waste Gas Disposal LAC 33:III.2115	Exempt – Point source associated with the finishing operation located downstream of the Point of Compliance as outlined in NESHAPS 63 Subpart U, therefore it is exempt from further controls for emissions of hexane, provided the residual HAP standard is met at the Point of Compliance. Since NESHAPS 63 Subpart U is a more stringent federal standard than LAC 33:III.2115 "Waste Gas Disposal", this point source is exempt from LAC 33:III.2115

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 53 61-88 Finishing Line (Continued)	Emission Limits – Including Fluid Catalytic Cracking Units LAC 33:III.1311B	Does not apply – Combusts gaseous fuels only. Gaseous fuels are not included in the definition of Process Weight per LAC 33:III.111
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt per LAC 33:III.1503.C
EQT 54 62-88 Finishing Line	Waste Gas Disposal LAC 33:III.2115	Exempt – Point source associated with the finishing operation located downstream of the Point of Compliance as outlined in NESHAPS 63 Subpart U, therefore it is exempt from further controls for emissions of hexane, provided the residual HAP standard is met at the Point of Compliance. Since NESHAPS 63 Subpart U is a more stringent federal standard than LAC 33:III.2115 "Waste Gas Disposal", this point source is exempt from LAC 33:III.2115
	Emission Limits – Including Fluid Catalytic Cracking Units LAC 33:III.1311B	Does not apply – Combusts gaseous fuels only. Gaseous fuels are not included in the definition of Process Weight per LAC 33:III.111
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt per LAC 33:III.1503.C

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 55 63-88 Finishing Line	Waste Gas Disposal LAC 33:III.2115	Exempt – Point source associated with the finishing operation located downstream of the Point of Compliance as outlined in NESHAPS 63 Subpart U, therefore it is exempt from further controls for emissions of hexane, provided the residual HAP standard is met at the Point of Compliance. Since NESHAPS 63 Subpart U is a more stringent federal standard than LAC 33:III.2115 "Waste Gas Disposal", this point source is exempt from LAC 33:III.2115
	Emission Limits – Including Fluid Catalytic Cracking Units LAC 33:III.1311B	Does not apply – Combusts gaseous fuels only. Gaseous fuels are not included in the definition of Process Weight per LAC 33:III.111
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt per LAC 33:III.1503.C
EQT 56 64-89 Storage Tank	Storage of VOC LAC 33:III.2103	Exempt - The vapor pressure of the stored liquid is less than 1.5 psia
	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - The vapor pressure of the stored liquid is less than 1.5 psia
	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-506	Does not apply – Does not stores any organic HAP. 40 CFR 63.480(c)(1)

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 57 65-89 Storage Tank	Storage of VOC LAC 33:III.2103	Exempt - The vapor pressure of the stored liquid is less than 1.5 psia
	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - The vapor pressure of the stored liquid is less than 1.5 psia
	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-506	Does not apply – Does not stores any organic HAP. 40 CFR 63.480(c)(1)
EQT 58 66-89 Cement Spheres A, B, C	Storage of VOC LAC 33:III.2103	Exempt - The vapor pressure of the stored liquid is less than 1.5 psia
	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt - The vapor pressure of the stored liquid is less than 1.5 psia
	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-493	Does not apply – These spheres are pressure vessels designed to operate in excess of 204.9 kilopascals and without emissions to the atmosphere
EQT 69 68-89 NPPDA Storage Tank	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempt – Does not store a volatile organic liquid HAP 40 CFR 63.480(c)(5)
	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-506	Exempt - This tank does not store any organic HAP 63.484

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 59 69-90 Wastewater Transfer Storage Tank	Storage of VOC LAC 33:III.2103	Does not apply – Does not store any volatile organic liquid
	Limiting Volatile Organic Compound Emissions from Industrial Wastewater LAC 33:III.2153	Does not apply – Facility is not one of the affected source categories specified in LAC 33:III.2153.A
	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Exempted – Does not store a volatile organic liquid in excess of de minimis amount 40 CFR 63.484
	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-501	Exempt - Back-end wastewater stream 40 CFR 63.501(c)(2)
EQT 60 70-90 Oil Storage Tank	Storage of VOC LAC 33:III.2103	Does not apply – Does not store any volatile organic liquid
	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Does not apply – Does not store a volatile organic liquid
	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-493	Exempt – Does not store a volatile organic liquid exempt per 40 CFR 63.480(c)(1)
EQT 61 71-90 Oil Storage Tank	Storage of VOC LAC 33:III.2103	Does not apply – Does not store any volatile organic liquid
	NSPS Subpart Kb-Volatile Organic Liquid Storage 40CFR 60.110b	Does not apply – Does not store a volatile organic liquid
	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480-493	Exempt – Does not store a volatile organic liquid exempt per 40 CFR 63.480(c)(1)

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 62 73-90 Finishing Line	Waste Gas Disposal LAC 33:III.2115	Exempt – Point source associated with the finishing operation located downstream of the Point of Compliance as outlined in NESHAPS 63 Subpart U, therefore it is exempt from further controls for emissions of hexane, provided the residual HAP standard is met at the Point of Compliance. Since NESHAPS 63 Subpart U is a more stringent federal standard than LAC 33:III.2115 "Waste Gas Disposal", this point source is exempt from LAC 33:III.2115
	Emission Limits – Including Fluid Catalytic Cracking Units LAC 33:III.1311B	Does not apply – Combusts gaseous fuels only. Gaseous fuels are not included in the definition of Process Weight per LAC 33:III.111
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt per LAC 33:III.1503.C

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 63 74-90 Finishing Line	Waste Gas Disposal LAC 33:III.2115	Exempt – Point source associated with the finishing operation located downstream of the Point of Compliance as outlined in NESHAPS 63 Subpart U, therefore it is exempt from further controls for emissions of hexane, provided the residual HAP standard is met at the Point of Compliance. Since NESHAPS 63 Subpart U is a more stringent federal standard than LAC 33:III.2115 "Waste Gas Disposal", this point source is exempt from LAC 33:III.2115
	Emission Limits – Including Fluid Catalytic Cracking Units LAC 33:III.1311B	Does not apply – Combusts gaseous fuels only. Gaseous fuels are not included in the definition of Process Weight per LAC 33:III.111
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt per LAC 33:III.1503.C
EQT 64 76 Cooling Tower	NESHAP Subpart Q for cooling towers 40 CFR 63.400	Does not apply - Uses no chromium based water treatment chemicals
EQT 65 77 Cooling Tower	NESHAP Subpart Q for cooling towers 40 CFR 63.400	Does not apply - Uses no chromium based water treatment chemicals
EQT 66 78 Cooling Tower	NESHAP Subpart Q for cooling towers 40 CFR 63.400	Does not apply - Uses no chromium based water treatment chemicals

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 68 98 Propylene Tower Fugitive Emissions	Control of Organic Compound Emissions, Fugitive Emission Control LAC 33:III.2121	Does not apply – Located in an ozone non-attainment area. Facilities subject to LAC 33:III.2122 are not required to comply with the provisions of LAC 33:III.2121.
	NSPS Subpart NNN – Standards of Performance for Volatile Organic Compounds (VOC) Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations 40 CFR 60.660-668	Does not apply - Facility Does not have any vent streams
EQT 68 98 Propylene Tower Fugitive Emissions (Continued)	NESHAP Subpart U (MACT) Group I Polymers and Resins 40 CFR 63.480	Does not apply – 40 CFR 63.480(c)(1).
FUG1 99 Addis Plant Fugitive	Control of Organic Compound Emissions, Fugitive Emission Control LAC 33:III.2121	Does not apply – The facility is located in an ozone non-attainment area. Facilities subject to LAC 33:III.2122 are not required to comply with the provisions of LAC 33:III.2121.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 2 or 3 in the matrix presented in Section VII of this permit.

XII. Emission Rates

Permitted Emissions Listed in Maximum and Average Pounds Per Hour and Annual Tons Per Year																
ID No.:	Description	PM_{10}			SO_2			NO_X			CO			VOC		
		Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY
EQT 8	4-78 Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EQT 9	7-78 Natural Gas K O Drain	-	-	-	-	-	-	-	-	-	-	-	-	0.23	0.11	0.48
EQT 10	8-78 Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	2.73	1.39	6.09
EQT 14	16-78 Wet Wash Solvent Surge Tank	-	-	-	-	-	-	-	-	-	-	-	-	1.04	0.52	2.28
EQT 15	18-78 Tramp Stripper Outfalls	-	-	-	-	-	-	-	-	-	-	-	-	0.50	0.03	0.11
EQT 16	19-78 Dry Wash Solvent Surge Tank	-	-	-	-	-	-	-	-	-	-	-	-	0.80	0.40	1.75
EQT 17	20-78 Low Pressure Vent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EQT 18	21-80 Toluene Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	0.09	0.04	0.19
EQT 19	22-80 Gasoline Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	0.002	0.002	0.01
EQT 20	23-81 Catalyst and Promoter Make-up Tank	-	-	-	-	-	-	-	-	-	-	-	-	2.50	0.37	1.62
EQT 21	24-81 Catalyst and Promoter Make-up Tank	-	-	-	-	-	-	-	-	-	-	-	-	2.50	0.37	1.62

EMISSION RATES

ADDIS PLANT
AGENCY INTEREST NO.: 2519
DSM COPOLYMER INC.
ADDIS, WEST BATON ROUGE PARISH, LOUISIANA

Permitted Emissions Listed in Maximum and Average Pounds Per Hour and Annual Tons Per Year																
ID No.:	Description	PM_{10}			SO_2			NO_X			CO			VOC		
		Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY
EQT 22	25-81 Catalyst and Promoter Make-up Tank	-	-	-	-	-	-	-	-	-	-	-	-	2.50	0.37	1.62
EQT 23	26-81 Catalyst and Promoter Make-up Tank	-	-	-	-	-	-	-	-	-	-	-	-	2.50	0.37	1.62
EQT 24	27-81 Antioxidant Make-up	-	-	-	-	-	-	-	-	-	-	-	-	0.26	0.01	0.06
EQT 25	28-81 Catalyst and Promoter Make-up Tank	-	-	-	-	-	-	-	-	-	-	-	-	5.00	0.05	0.24
EQT 26	29-81 Alkyl Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	1.00	0.07	0.31
EQT 27	30-81 Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EQT 28	31-81 Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EQT 29	32-81 Addis Plant Flare	0.09	0.01	0.04	0.01	0.01	0.04	0.28	0.14	0.61	0.20	0.10	0.04	12.00	0.14	0.61
EQT 30	33-81 EN	-	-	-	-	-	-	-	-	-	-	-	-	0.57	0.24	1.04
EQT 31	34-81 Finishing Line	0.26	0.13	0.59	-	-	-	-	-	-	-	-	-	42.24	11.30	49.47
EQT 32	35-81 Finishing Line	0.26	0.13	0.59	-	-	-	-	-	-	-	-	-	42.24	11.30	49.47
EQT 33	36-81 93% Sulfuric Acid Tanks (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EMISSION RATES

ADDIS PLANT
AGENCY INTEREST NO.: 2519
DSM COPOLYMER INC.
ADDIS, WEST BATON ROUGE PARISH, LOUISIANA

Permitted Emissions Listed in Maximum and Average Pounds Per Hour and Annual Tons Per Year																
ID No.:	Description	PM_{10}			SO_2			NO_X			CO			VOC		
		Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY
EQT 34	37-81 HCl Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EQT 35	38-82 Finishing Line	0.26	0.13	0.59	-	-	-	-	-	-	-	-	-	42.24	11.30	49.47
EQT 36	39-82 Stripper Shaker Screen	-	-	-	-	-	-	-	-	-	-	-	-	1.08	0.54	2.37
EQT 37	40-82 Alkyl Storage	-	-	-	-	-	-	-	-	-	-	-	-	0.60	0.03	0.13
EQT 38	41-82 Catalyst and Promoter Make-up Tank	-	-	-	-	-	-	-	-	-	-	-	-	0.50	0.20	0.86
EQT 39	43-82 Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	0.01	0.01	0.04
EQT 40	44-82 Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	0.01	0.01	0.04
EQT 41	45-83 Boiler	1.73	0.71	3.10	0.07	0.11	0.30	47.94	15.98	70.00	4.00	4.00	17.50	0.66	0.66	3.00
EQT 42	46-83 Boiler	1.73	0.71	3.10	0.07	0.11	0.30	47.94	15.98	70.00	4.00	4.00	17.50	0.66	0.66	3.00
EQT 43	48-86 Tramp Stripper Outfall OA1	-	-	-	-	-	-	-	-	-	-	-	-	0.50	0.03	0.11
EQT 44	49-88 RD Storage	-	-	-	-	-	-	-	-	-	-	-	-	2.00	0.01	0.04
EQT 45	50-88 Neat Promoter Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	0.003	0.002	0.001

EMISSION RATES

ADDIS PLANT
AGENCY INTEREST NO.: 2519
DSM COPOLYMER INC.
ADDIS, WEST BATON ROUGE PARISH, LOUISIANA

Permitted Emissions Listed in Maximum and Average Pounds Per Hour and Annual Tons Per Year																	
ID No.:	Description	PM_{10}			SO_2			NO_X			CO			VOC			
		Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY	
EQT 46	51-88 AO Feed Tank EP-2	-	-	-	-	-	-	-	-	-	-	-	-	0.50	0.02	0.10	
EQT 47	54-88 Catalyst and Promoter Make-up	-	-	-	-	-	-	-	-	-	-	-	-	1.10	0.34	1.51	
EQT 48	55-88 Tramp Stripper Outfall EP-2	-	-	-	-	-	-	-	-	-	-	-	-	0.50	0.03	0.11	
EQT 49	57-88 Catalyst Make-Up Tanl	-	-	-	-	-	-	-	-	-	-	-	-	2.50	0.18	0.77	
EQT 50	58-88 Catalyst Make-up	-	-	-	-	-	-	-	-	-	-	-	-	2.50	0.18	0.77	
EQT 51	59-88 Low Pressure Vent	-	-	-	-	-	-	-	-	-	-	-	-	1.00	Neg.	Neg.	
EQT 52	60-88 Maleic Anhydride Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	0.50	0.01	0.04	
EQT 53	61-88 Finishing Line	-	-	-	-	-	-	-	-	-	-	-	-	18.00	4.14	18.12	
EQT 54	62-88 Finishing Line	-	-	-	-	-	-	-	-	-	-	-	-	18.00	4.14	18.12	
EQT 55	63-88 Finishing Line	-	-	-	-	-	-	-	-	-	-	-	-	18.00	4.14	18.12	
EQT 56	64-89 Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EQT 57	65-89 Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

EMISSION RATES

ADDIS PLANT
AGENCY INTEREST NO.: 2519
DSM COPOLYMER INC.
ADDIS, WEST BATON ROUGE PARISH, LOUISIANA

Permitted Emissions Listed in Maximum and Average Pounds Per Hour and Annual Tons Per Year																
ID No.:	Description	PM_{10}			SO_2			NO_X			CO			VOC		
		Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY
EQT 58	66-89 Cement Spheres A, B, C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EQT 59	69-90 Wastewater Transfer Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	1.00	0.01	0.04
EQT 60	70-90 Oil Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	1.00	0.01	0.04
EQT 61	71-90 Oil Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	1.00	0.01	0.04
EQT 62	73-90 Finishing Line	-	-	-	-	-	-	-	-	-	-	-	-	35.00	8.13	35.62
EQT 63	74-90 Finishing Line	0.38	0.19	0.84	4.53	1.51	0.03	4.53	1.51	6.62	1.14	0.38	1.66	58.50	11.29	49.41
EQT 64	76 Cooling Tower	-	-	-	-	-	-	-	-	-	-	-	-	0.17	0.17	0.72
EQT 65	77Cooling Tower	-	-	-	-	-	-	-	-	-	-	-	-	0.19	0.19	0.83
EQT 66	78Cooling Tower	-	-	-	-	-	-	-	-	-	-	-	-	0.20	0.20	0.70
EQT 67	79 Laboratory Vent System	-	-	-	-	-	-	-	-	-	-	-	-	8.16	4.08	17.87
EQT 68	98 Propylene Tower Fugitive Emissions	-	-	-	-	-	-	-	-	-	-	-	-	15.00	0.55	2.41
EQT 69	68-89 NPPDA Storage Tank	-	-	-	-	-	-	-	-	-	-	-	-	1.00	0.01	0.04

EMISSION RATES

ADDIS PLANT
AGENCY INTEREST NO.: 2519
DSM COPOLYMER INC.
ADDIS, WEST BATON ROUGE PARISH, LOUISIANA

Permitted Emissions Listed in Maximum and Average Pounds Per Hour and Annual Tons Per Year																
ID No.:	Description	PM_{10}			SO_2			NO_X			CO			VOC		
		Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY	Max	Avg	TPY
FUG1	99 Addis Plant Fugitive	-	-	-	-	-	-	-	-	-	-	-	-	56.00	52.70	230.83
Total		-	-	8.85	-	-	0.67	-	-	147.23	-	-	36.70	-	-	572.90

I ntories

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No: PER19960001

Permit Id : 3120-00004-V0

Subject Item Inventory:

ID	Description	Max. Operating Rate or Capacity	Operating Schedule
AI 2519		(None Specified)	8760 hr/yr (All Year)
EQT 8	Dry Recycle Hexane Storage TanksNatural Gas (TK-65-35108 A&B)	(None Specified)	8760 hr/yr (All Year)
EQT 9	Natural Gas K O Drain	336 MM ft^3/yr	8760 hr/yr (All Year)
EQT 10	Fresh Hexane Tank (TK-75-34-109)	27600 gallons	8760 hr/yr (All Year)
EQT 13	Recycle Water Tank Overflow E.P.1 (TK-72-101)	(None Specified)	8760 hr/yr (All Year)
EQT 14	Wet Wash Solvent Surge Tank E.P. 1 (TK-73-35113)	15000 gallons	8760 hr/yr (All Year)
EQT 15	Tramp Stripper Outfall E.P.1 (V-70-33122)	(None Specified)	8760 hr/yr (All Year)
EQT 16	Dry Wash Solvent Surge Tank E.P.1 (TK-73-35114)	34300 gallons	8760 hr/yr (All Year)
EQT 17	Low Pressure Vent E.P.1 (V-73-125)	(None Specified)	8760 hr/yr (All Year)
EQT 18	Toluene Storage Tank (V-72-33102)	8600 gallons	8760 hr/yr (All Year)
EQT 19	Gasoline Storage Tanks (UST) (TK-79-35103 A&B)	2000 gallons	8760 hr/yr (All Year)
EQT 20	Catalyst Make-Up (A) E.P.1 (V-70-33105 A)	4360 gallons	8760 hr/yr (All Year)
EQT 21	Catylyst Make-up (B) E.P.1 (V-70-33105 B)	4360 gallons	8760 hr/yr (All Year)
EQT 22	Catylyst Make-up O.A.1 (A) (V-71-35119A)	4360 gallons	8760 hr/yr (All Year)
EQT 23	Catylyst Make-up O.A.1 (B) (V-71-35119B)	4360 gallons	8760 hr/yr (All Year)
EQT 24	Antioxidant Make-up Tank E.P.1 (V-72-33108)	800 gallons	8760 hr/yr (All Year)
EQT 25	Promoter Make-Up Tank A (V-70-33103)	8400 gallons	8760 hr/yr (All Year)
EQT 26	Neat Catalyst Storage Vessel (V-75-107)	17100 gallons	8760 hr/yr (All Year)
EQT 27	Alkyl Blend Tank (V-75-35112)	29933 gallons	8760 hr/yr (All Year)
EQT 28	OA 1 Dry Recycle Solvent Tank TK-75-35107	34300 gallons	8760 hr/yr (All Year)
EQT 29	Addis Plant Flare (TK-79-101)	1.75 MM ft^3/yr	8760 hr/yr (All Year)
EQT 30	EN Recovery Jet	182532 gallons/yr	8760 hr/yr (All Year)
EQT 31	Finishing Line (North) (#9 Dryer)	6392.69 lb/hr	8760 hr/yr (All Year)
EQT 32	Finishing Line (South) (#8 Dryer)	6392.69 lb/hr	8760 hr/yr (All Year)
EQT 33	93 Sulfuric Acid Tank (2) (TK-75-35103 & TK-75-35106)	12000 gallons	8760 hr/yr (All Year)
EQT 34	HCl Storage Tank (TK-81-35113)	7700 gallons	8760 hr/yr (All Year)
EQT 35	Finishing Line (3rd) (#7 Dryer)	6392.69 lb/hr	8760 hr/yr (All Year)
EQT 36	Stripper Shaker Screen O.A.1 (K-74-151)	252000 tons/yr	8760 hr/yr (All Year)
EQT 37	Alkyl Storage	900 gallons	8760 hr/yr (All Year)

Inventories

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No: PER19960001

Permit Id : 3120-00004-V0

ID	Description	Max. Operating Rate or Capacity	Operating Schedule
EQT 38	Promoter Make-Up (B) O.A.1 (V-77-34102)	8428 gallons	8760 hr/yr (All Year)
EQT 39	NVP Storage Tanks (3) (TK-71-35102 A & B & TK-71-108)	8130 gallons	8760 hr/yr (All Year)
EQT 40	Dicumyl Peroxide Storage	88 tons/yr	8760 hr/yr (All Year)
EQT 41	Boiler No. 1 (E-81-101A)	114423 scf/hr	8760 hr/yr (All Year)
EQT 42	Boiler No. 2 (E-81-101B)	114423 scf/hr	8760 hr/yr (All Year)
EQT 43	Tramp Stripper Outfall O.A.1 (V-71-35157)	6140 gallons	8760 hr/yr (All Year)
EQT 44	RD Storage Tank (TK-70-35101)	8400 gallons	8760 hr/yr (All Year)
EQT 45	Neat Promoter Storage Tank (TK-70-128)	6000 gallons	8760 hr/yr (All Year)
EQT 46	A.O. Feed Tank E.P. 2 (V-60-35112)	800 gallons	8760 hr/yr (All Year)
EQT 47	Promoter Make-Up Tank E.P. 2 (V-60-35104)	8400 gallons	8760 hr/yr (All Year)
EQT 48	Tramp Stripper Outfall E.P. 2 (V-63-35112)	3000 gallons/hr	8760 hr/yr (All Year)
EQT 49	Catalyst Make-Up Tank A E.P.2 (V-60-35101 A)	4360 gallons	8760 hr/yr (All Year)
EQT 50	Catalyst Make-Up Tank B E.P.2 (V-60-35101 B)	4360 gallons	8760 hr/yr (All Year)
EQT 51	Low Pressure Vent E.P. 2 (V-63-107)	71280.97 lb/hr	8760 hr/yr (All Year)
EQT 52	Maleic Anhydride Storage Tank (TK-71-35118)	75200 gallons	8760 hr/yr (All Year)
EQT 53	Finishing Building Expeller (North) (#9)	6392.69 lb/hr	8760 hr/yr (All Year)
EQT 54	Finishing Building Expeller (South) (#8)	6392.69 lb/hr	8760 hr/yr (All Year)
EQT 55	Finishing Building Expeller (3 rd) (#7)	6392.69 lb/hr	8760 hr/yr (All Year)
EQT 56	Propylene Sphere (S-75-101)	155000 gallons	8760 hr/yr (All Year)
EQT 57	Propane Storage Tank (V-75-114)	30000 gallons	8760 hr/yr (All Year)
EQT 58	Cement Spheres A,B,C (S-72-101 A,B&C)	49750 gallons	8760 hr/yr (All Year)
EQT 59	Wastewater Transfer Storage Tanks (TK-71-35111 and TK-71-35112)	300175 gallons	8760 hr/yr (All Year)
EQT 60	Oil Additives Storage Tanks (13) (Non-VOC)	206476.19 bbl/yr	8760 hr/yr (All Year)
EQT 61	Extender Oil Storage Tanks (Non-VOC) (TK-75-35104, TK-71-)	169550 gallons	8760 hr/yr (All Year)
EQT 62	Finishing Building Expeller (4 th) (#10)	9132.42 lb/hr	8760 hr/yr (All Year)
EQT 63	Finishing Line (4 th) (#10 Dryer)	9132.42 lb/hr	8760 hr/yr (All Year)
EQT 64	Fugitive Emissions - Cooling Tower #1	9000 gallons/min	8760 hr/yr (All Year)
EQT 65	Fugitive Emissions - Cooling Tower #2	10500 gallons/min	8760 hr/yr (All Year)
EQT 66	Fugitive Emissions - Cooling Tower #3	8800 gallons/min	8760 hr/yr (All Year)
EQT 67	Laboratory Vent System	(None Specified)	8760 hr/yr (All Year)
EQT 68	Propylene Tower Fugitive Emissions	(None Specified)	8760 hr/yr (All Year)

In ntories

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No: PER19960001

Permit Id : 3120-00004-V0

ID	Description	Max. Operating Rate or Capacity	Operating Schedule
EQT 69	NPPDA Storage Tank (TK-71-35120)	16500 gallons	8760 hr/yr (All Year)
FUG 1	Addis Plant Fugitive Emissions	(None Specified)	8760 hr/yr (All Year)

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP 6	Addis Plant	EQT 9 Natural Gas K O Drain
		EQT 10 Fresh Hexane Tank (TK-75-34-109)
		EQT 13 Recycle Water Tank Overflow E.P.1 (TK-72-101)
		EQT 14 Wet Wash Solvent Surge Tank E.P. 1 (TK-73-35113)
		EQT 15 Tramp Stripper Outfall E.P.1 (V-70-33122)
		EQT 16 Dry Wash Solvent Surge Tank E.P.1 (TK-73-35114)
		EQT 17 Low Pressure Vent E.P.1 (V-73-125)
		EQT 18 Toluene Storage Tank (V-72-33102)
		EQT 19 Gasoline Storage Tanks (UST) (TK-79-35103 A&B)
		EQT 20 Catalyst Make-Up (A) E.P.1 (V-70-33105 A)
		EQT 21 Catylyst Make-up (B) E.P.1 (V-70-33105 B)
		EQT 22 Catylyst Make-up O.A.1 (A) (V-71-35119A)
		EQT 23 Catylyst Make-up O.A.1 (B) (V-71-35119B)
		EQT 24 Antioxidant Make-up Tank E.P.1 (V-72-33108)
		EQT 25 Promoter Make-Up Tank A (V-70-33103)
		EQT 26 Neat Catalyst Storage Vessel (V-75-107)
		EQT 27 Alkyl Blend Tank (V-75-35112)
		EQT 28 OA 1 Dry Recycle Solvent Tank TK-75-35107
		EQT 29 Addis Plant Flare (TK-79-101)
		EQT 30 EN Recovery Jet
		EQT 31 Finishing Line (North) (#9 Dryer)
		EQT 32 Finishing Line (South) (#8 Dryer)
		EQT 33 93 Sulfuric Acid Tank (2) (TK-75-35103 & TK-75-35106)
		EQT 34 HCl Storage Tank (TK-81-35113)
		EQT 35 Finishing Line (3rd) (#7 Dryer)
		EQT 36 Stripper Shaker Screen O.A.1 (K-74-151)

In ntories

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No: PER19960001

Permit Id : 3120-00004-V0

ID	Description	Included Components (from Above)
GRP 6	Addis Plant	EQT 37 Alkyl Storage
		EQT 38 Promoter Make-Up (B) O.A.1 (V-77-34102)
		EQT 39 NVP Storage Tanks (3) (TK-71-35102 A & B & TK-71-108)
		EQT 40 Dicumyl Peroxide Storage
		EQT 41 Boiler No. 1 (E-81-101A)
		EQT 42 Boiler No. 2 (E-81-101B)
		EQT 43 Tramp Stripper Outfall O.A.1 (V-71-35157)
		EQT 44 RD Storage Tank (TK-70-35101)
		EQT 45 Neat Promoter Storage Tank (TK-70-128)
		EQT 46 A.O. Feed Tank E.P. 2 (V-60-35112)
		EQT 47 Promoter Make-Up Tank E.P. 2 (V-60-35104)
		EQT 48 Tramp Stripper Outfall E.P. 2 (V-63-35112)
		EQT 49 Catalyst Make-Up Tank A E.P.2 (V-60-35101 A)
		EQT 50 Catalyst Make-Up Tank B E.P.2 (V-60-35101 B)
		EQT 51 Low Pressure Vent E.P. 2 (V-63-107)
		EQT 52 Maleic Anhydride Storage Tank (TK-71-35118)
		EQT 53 Finishing Building Expeller (North) (#9)
		EQT 54 Finishing Building Expeller (South) (#8)
		EQT 55 Finishing Building Expeller (3 rd) (#7)
		EQT 56 Propylene Sphere (S-75-101)
		EQT 57 Propane Storage Tank (V-75-114)
		EQT 58 Cement Spheres A,B,C (S-72-101 A,B&C)
		EQT 59 Wastewater Transfer Storage Tanks (TK-71-35111 and TK-71-35112)
		EQT 60 Oil Additives Storage Tanks (13) (Non-VOC)
		EQT 61 Extender Oil Storage Tanks (Non-VOC) (TK-75-35104, TK-71-)
		EQT 62 Finishing Building Expeller (4 th) (#10)
		EQT 63 Finishing Line (4 th) (#10 Dryer)
		EQT 64 Fugitive Emissions - Cooling Tower #1
		EQT 65 Fugitive Emissions - Cooling Tower #2
		EQT 66 Fugitive Emissions - Cooling Tower #3
		EQT 67 Laboratory Vent System

In tories

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No: PER19960001

Permit Id : 3120-00004-V0

ID	Description	Included Components (from Above)
GRP6	Addis Plant	EQT68 Propylene Tower Fugitive Emissions
		EQT69 NPPDA Storage Tank (TK-71-35120)
		FUG1 Addis Plant Fugitive Emissions
		EQT8 Dry Recycle Hexane Storage TanksNatural Gas (TK-65-35108 A&B)

Relationships:

Subject Item	Relationship	Subject Item
EQT27 Alkyl Blend Tank (V-75-35112)	Controlled by	EQT29 Addis Plant Flare (TK-79-101)
EQT28 OA 1 Dry Recycle Solvent Tank TK-75-35107	Controlled by	EQT29 Addis Plant Flare (TK-79-101)

Subject Item Inventory Alternate IDs:

ID	Description	Alternate ID	Alternate Name	User Group
AI2519		3C	Fee Code	Radiation Fees
AI2519		GL-157	Copolymer Rubber & Chemical	Radiation
AI2519		61-002346	Copolymer Rubber & Chemical Corp	Unknown
AI2519		3C	Fee Code	Radiation Fees
EQT8	Dry Recycle Hexane Storage TanksNatural Gas	TK-75-35108 A&B	Dry Recycle Hexane Storage Tanks	Air Permitting
EQT9	Natural Gas K O Drain	7-78	Natural Gas K O Drain	Air Permitting
EQT10	Fresh Hexane Tank (TK-75-34-109)	8-78	Fresh Hexane Tank (TK-75-34109)	Air Permitting
EQT13	Recycle Water Tank Overflow E.P.1 (TK-72-101)	15-78	Recycle Water Tank Overflow E.P.1 (TK-72-101)	Air Permitting
EQT14	Wet Wash Solvent Surge Tank E.P. 1 (TK-73-35113)	16-78	Wet Wash Solvent Surge Tank E.P. 1 (TK-73-35113)	Air Permitting
EQT15	Tramp Stripper Outfall E.P.1 (V-70-33122)	18-78	Tramp Stripper Outfall E.P.1 (V-70-33122)	Air Permitting
EQT16	Dry Wash Solvent Surge Tank E.P.1 (TK-73-35114)	19-78	Dry Wash Solvent Surge Tank E.P.1 (TK-73-35114)	Air Permitting
EQT17	Low Pressure Vent E.P.1 (V-73-125)	20-80	Low Pressure Vent E.P.1 (V-73-125)	Air Permitting
EQT18	Toluene Storage Tank (V-72-33102)	21-80	Toluene Storage Tank (V-72-33-102)	Air Permitting
EQT19	Gasoline Storage Tanks (UST) (TK-79-35103 A&B)	22-80	Gasoline Storage Tanks (UST) (TK-79-35103 A&B)	Air Permitting
EQT20	Catalyst Make-Up (A) E.P.1 (V-70-33105 A)	23-81	Catalyst Make-Up (A) E.P.1 (V-70-33105 A)	Air Permitting
EQT21	Catylyst Make-up (B) E.P.1 (V-70-33105 B)	24-81	Catylyst Make-up (B) E.P.1 (V-70-33105 B)	Air Permitting
EQT22	Catylyst Make-up O.A.1 (A) (V-71-35119A)	25-81	Catylyst Make-up O.A.1 (A) (V-71-35119A)	Air Permitting
EQT23	Catylyst Make-up O.A.1 (B) (V-71-35119B)	26-81	Catylyst Make-up O.A.1 (B) (V-71-35119B)	Air Permitting
EQT24	Antioxidant Make-up Tank E.P.1 (V-72-33108)	27-81	Antioxidant Make-up Tank E.P.1 (V-72-33108)	Air Permitting
EQT25	Promoter Make-Up Tank A (V-70-33103)	28-81	Promoter Make-Up Tank A (V-70-33103)	Air Permitting
EQT26	Neat Catalyst Storage Vessel (V-75-107)	29-81	Neat Catalyst Storage Vessel (V-75-107)	Air Permitting
EQT27	Alkyl Blend Tank (V-75-35112)	30-81	Alkyl Blend Tank (V-75-35112)	Air Permitting
EQT28	OA 1 Dry Recycle Solvent Tank TK-75-35107	31-81	OA 1 Dry Recycle Solvent Tank TK-75-35107	Air Permitting

Inventories

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No: PER19960001

Permit Id : 3120-00004-V0

ID	Description	Alternate ID	Alternate Name	User Group
EQT 29	Addis Plant Flare (TK-79-101)	32-81	Addis Plant Flare (TK-79-101)	Air Permitting
EQT 30	EN Recovery Jet	33-81	EN Recovery Jet	Air Permitting
EQT 31	Finishing Line (North) (#9 Dryer)	34-81	Finishing Line (North) (#9 Dryer)	Air Permitting
EQT 32	Finishing Line (South) (#8 Dryer)	35-81	Finishing Line (South) (#8 Dryer)	Air Permitting
EQT 33	93 Sulfuric Acid Tank (2) (TK-75-35103 & TK-75-35106)	36-81	93 Sulfuric Acid Tank (2) (TK-75-35103 &	Air Permitting
EQT 34	HCl Storage Tank (TK-81-35113)	37-81	HCl Storage Tank (TK-81-35113)	Air Permitting
EQT 35	Finishing Line (3rd) (#7 Dryer)	38-82	Finishing Line (3rd) (#7 Dryer)	Air Permitting
EQT 36	Stripper Shaker Screen O.A.1 (K-74-151)	39-82	Stripper Shaker Screen O.A.1 (K-74-151)	Air Permitting
EQT 37	Alkyl Storage	40-82	Alkyl Storage	Air Permitting
EQT 38	Promoter Make-Up (B) O.A.1 (V-77-34102)	41-82	Promoter Make-Up (B) O.A.1 (V-77-34102)	Air Permitting
EQT 39	NVP Storage Tanks (3) (TK-71-35102 A & B & TK-71-108)	43-82	NVP Storage Tanks (3) (TK-71-35102 A & B &	Air Permitting
EQT 40	Dicumyl Peroxide Storage	44-82	Dicumyl Peroxide Storage	Air Permitting
EQT 41	Boiler No. 1 (E-81-101A)	45-83	Boiler No. 1 (E-81-101A)	Air Permitting
EQT 42	Boiler No. 2 (E-81-101B)	46-83	Boiler No. 2 (E-81-101B)	Air Permitting
EQT 43	Tramp Stripper Outfall O.A.1 (V-71-35157)	48-86	Tramp Stripper Outfall O.A.1 (V-71-35157)	Air Permitting
EQT 44	RD Storage Tank (TK-70-35101)	49-88	RD Storage Tank (TK-70-35101)	Air Permitting
EQT 45	Neat Promoter Storage Tank (TK-70-128)	50-88	Neat Promoter Storage Tank (TK-70-128)	Air Permitting
EQT 46	A.O. Feed Tank E.P. 2 (V-60-35112)	51-88	A.O. Feed Tank E.P. 2 (V-60-35112)	Air Permitting
EQT 47	Promoter Make-Up Tank E.P. 2 (V-60-35104)	54-88	Promoter Make-Up Tank E.P. 2 (V-60-35104)	Air Permitting
EQT 48	Tramp Stripper Outfall E.P. 2 (V-63-35112)	55-88	Tramp Stripper Outfall E.P. 2 (V-63-35112)	Air Permitting
EQT 49	Catalyst Make-Up Tank A E.P.2 (V-60-35101 A)	57-88	Catalyst Make-Up Tank A E.P.2 (V-60-35101 A)	Air Permitting
EQT 50	Catalyst Make-Up Tank B E.P.2 (V-60-35101 B)	58-88	Catalyst Make-Up Tank B E.P.2 (V-60-35101 B)	Air Permitting
EQT 51	Low Pressure Vent E.P. 2 (V-63-107)	59-88	Low Pressure Vent E.P. 2 (V-63-107)	Air Permitting
EQT 52	Maleic Anhydride Storage Tank (TK-71-35118)	60-88	Maleic Anhydride Storage Tank (TK-71-35118)	Air Permitting
EQT 53	Finishing Building Expeller (North) (#9)	61-88	Finishing Building Expeller (North) (#9)	Air Permitting
EQT 54	Finishing Building Expeller (South) (#8)	62-88	Finishing Building Expeller (South) (#8)	Air Permitting
EQT 55	Finishing Building Expeller (3 rd) (#7)	63-88	Finishing Building Expeller (3 rd) (#7)	Air Permitting
EQT 56	Propylene Sphere (S-75-101)	64-89	Propylene Sphere (S-75-101)	Air Permitting
EQT 57	Propane Storage Tank (V-75-114)	65-89	Propane Storage Tank (V-75-114)	Air Permitting
EQT 58	Cement Spheres A,B,C (S-72-101 A,B&C)	66-89	Cement Spheres A,B,C (S-72-101 A,B&C)	Air Permitting
EQT 59	Wastewater Transfer Storage Tanks (TK-71-35111 and	69-90	Wastewater Transfer Storage Tanks (TK-71-35111 and	Air Permitting
EQT 60	Oil Additives Storage Tanks (13) (Non-VOC)	70-90	Oil Additives Storage Tanks (13) (Non-VOC)	Air Permitting
EQT 61	Extender Oil Storage Tanks (Non-VOC) (TK-75-35104,	71-90	Extender Oil Storage Tanks (Non-VOC) (TK-75-35104,	Air Permitting
EQT 62	Finishing Building Expeller (4 th) (#10)	73-90	Finishing Building Expeller (4 th) (#10)	Air Permitting
EQT 63	Finishing Line (4 th) (#10 Dryer)	74-90	Finishing Line (4 th) (#10 Dryer)	Air Permitting
EQT 64	Fugitive Emissions - Cooling Tower #1	76	Fugitive Emissions - Cooling Tower #1	Air Permitting

I ntories

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No: PER19960001

Permit Id : 3120-00004-V0

ID	Description	Alternate ID	Alternate Name	User Group
EQT 65	Fugitive Emissions - Cooling Tower #2	77	Fugitive Emissions - Cooling Tower #2	Air Permitting
EQT 66	Fugitive Emissions - Cooling Tower #3	78	Fugitive Emissions - Cooling Tower #3	Air Permitting
EQT 67	Laboratory Vent System	79	Laboratory Vent System	Air Permitting
EQT 68	Propylene Tower Fugitive Emissions	98	Propylene Tower Fugitive Emissions	Air Permitting
EQT 69	NPPDA Storage Tank (TK-71-35120)	68-89	NPPDA Storage Tank (TK-71-35120)	Air Permitting
FUG 1	Addis Plant Fugitive Emissions	99	Addis Plant Fugitive Emissions	Air Permitting

Facility Specific Requirements

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No.: PER19960001

Permit Id : 3120-00004-V0

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
AI2519	Carbon monoxide <= 36.70 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Nitrogen oxides <= 147.23 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Particulate matter (10 microns or less) <= 8.85 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Sulfur dioxide <= 0.67 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	VOC, Total <= 561.26 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT9 Natural Gas K O Drain	VOC, Total <= 0.23 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.11 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.48 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT10 Fresh Hexane Tank (TK-75-34-109)	VOC, Total <= 2.73 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 1.39 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 6.09 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT14 Wet Wash Solvent Surge Tank E.P. 1 (TK-73-35113)	VOC, Total <= 1.04 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.52 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 2.28 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT15 Tramp Stripper Outfall E.P.1 (V-70-33122)	VOC, Total <= 0.50 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year

Facility Spe c Requirements

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No.: PER19960001

Permit Id : 3120-00004-V0

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT15 Tramp Stripper Outfall E.P.1 (V-70-33122)	VOC, Total <= 0.03 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.11 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT16 Dry Wash Solvent Surge Tank E.P.1 (TK-73-35114)	VOC, Total <= 0.80 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.40 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 1.75 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT18 Toluene Storage Tank (V-72-33102)	VOC, Total <= 0.09 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.04 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.19 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT19 Gasoline Storage Tanks (UST) (TK-79-35103 A&B)	VOC, Total <= 0.002 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.002 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.01 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT20 Catalyst Make-Up (A) E.P.1 (V-70-33105 A)	VOC, Total <= 2.50 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year

Facility Sp[illegible] c Requirements

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No.: PER19960001

Permit Id : 3120-00004-V0

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT20 Catalyst Make-Up (A) E.P.1 (V-70-33105 A)	VOC, Total <= 0.37 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 1.62 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT21 Catylyst Make-up (B) E.P.1 (V-70-33105 B)	VOC, Total <= 2.50 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.37 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 1.62 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT22 Catylyst Make-up O.A.1 (A) (V-71-35119A)	VOC, Total <= 2.50 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.37 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 1.62 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT23 Catylyst Make-up O.A.1 (B) (V-71-35119B)	VOC, Total <= 2.50 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.37 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 1.62 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT24 Antioxidant Make-up Tank E.P.1 (V-72-33108)	VOC, Total <= 0.26 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT24 Antioxidant Make-up Tank E.P.1 (V-72-33108)	VOC, Total <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.06 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT25 Promoter Make-Up Tank A (V-70-33103)	VOC, Total <= 5.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.05 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.24 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT26 Neat Catalyst Storage Vessel (V-75-107)	VOC, Total <= 1.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.07 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.31 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT29 Addis Plant Flare (TK-79-101)	Carbon monoxide <= 0.20 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Carbon monoxide <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Carbon monoxide <= 0.04 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack. [LAC 33:III.501.C.6]	None specified	<All>	All Year
	Nitrogen oxides <= 0.28 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Nitrogen oxides <= 0.14 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT29 Addis Plant Flare (TK-79-101)	Nitrogen oxides <= 0.61 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. [LAC 33:III.1105]	None specified	<All>	All Year
	Particulate matter (10 microns or less) <= 0.09 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Particulate matter (10 microns or less) <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Particulate matter (10 microns or less) <= 0.04 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Sulfur dioxide <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Sulfur dioxide <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Sulfur dioxide <= 0.04 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	VOC, Total <= 12.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.14 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.61 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT30 EN Recovery Jet	VOC, Total <= 0.57 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.24 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 1.04 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT31 Finishing Line (North) (#9 Dryer)	Flow rate >= 375 gallons/min. [LAC 33:III.501.C.6]	None specified	<All>	All Year
	Particulate matter (10 microns or less) <= 0.26 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT31 Finishing Line (North) (#9 Dryer)	Particulate matter (10 microns or less) <= 0.13 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Particulate matter (10 microns or less) <= 0.59 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	The Back-end Process Operation Residual HAP Limitation for EPR is 8 kg total organic HAP per Mg of crumb rubber (dry weight) Production rate <= 8 kg. [40 CFR 60.494(a)(3)(i)]		<All>	
	VOC, Total <= 42.24 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 11.30 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 49.47 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT32 Finishing Line (South) (#8 Dryer)	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]	None specified	<All>	All Year
	Particulate matter (10 microns or less) <= 0.26 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Particulate matter (10 microns or less) <= 0.13 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Particulate matter (10 microns or less) <= 0.59 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT32 Finishing Line (South) (#8 Dryer)	The Back-end Process Operation Residual HAP Limitation for EPR is 8 kg total organic HAP per Mg of crumb rubber (dry weight) Production rate <= 8 kg. [40 CFR 60.494(a)(3)(i)]		<All>	
	Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]	None specified	<All>	All Year
	VOC, Total <= 42.24 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 11.30 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 49.47 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT34 HCl Storage Tank (TK-81-35113)	Hydrochloric acid <= 0.001 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Hydrochloric acid <= 0.005 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Hydrochloric acid <= 0.18 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
EQT35 Finishing Line (3rd) (#7 Dryer)	Flow rate >= 375 gallons/min. [LAC 33:III.501.C.6]	None specified	<All>	All Year
	Particulate matter (10 microns or less) <= 0.26 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Particulate matter (10 microns or less) <= 0.13 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Particulate matter (10 microns or less) <= 0.59 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	The Back-end Process Operation Residual HAP Limitation for EPR is 8 kg total organic HAP per Mg of crumb rubber (dry weight) Production rate <= 8 kg. [40 CFR 60.494(a)(3)(i)]		<All>	

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT35 Finishing Line (3rd) (#7 Dryer)	VOC, Total <= 42.24 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 11.30 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 49.47 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT36 Stripper Shaker Screen O.A.1 (K-74-151)	VOC, Total <= 1.08 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.54 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 2.37 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT37 Alkyl Storage	VOC, Total <= 0.60 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.03 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.13 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT38 Promoter Make-Up (B) O.A.1 (V-77-34102)	VOC, Total <= 0.50 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.20 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.86 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT39 NVP Storage Tanks (3) (TK-71-35102 A & B & TK-71-108)	VOC, Total <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT39 NVP Storage Tanks (3) (TK-71-35102 A & B & TK-71-108)	VOC, Total <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.04 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT40 Dicumyl Peroxide Storage	VOC, Total <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.04 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT41 Boiler No. 1 (E-81-101A)	Carbon monoxide <= 4.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Carbon monoxide <= 4.00 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Carbon monoxide <= 17.50 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Nitrogen oxides <= 47.94 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Nitrogen oxides <= 15.98 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Nitrogen oxides <= 70.00 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]	None specified	<All>	All Year
	Opacity <= 30 percent, except for one six-minute average opacity reading in any one hour period. [LAC 33:III.1311.D]	Six-minute average	<All>	All Year

Facility Sp. ic Requirements

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No.: PER19960001

Permit Id : 3120-00004-V0

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT41 Boiler No. 1 (E-81-101A)	Particulate matter (10 microns or less) <= 1.73 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Particulate matter (10 microns or less) <= 0.71 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Particulate matter (10 microns or less) <= 3.10 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Sulfur dioxide <= 0.11 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Sulfur dioxide <= 0.07 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Sulfur dioxide <= 0.30 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]	None specified	<All>	All Year
	VOC, Total <= 0.66 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.66 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 3.00 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT42 Boiler No. 2 (E-81-101B)	Carbon monoxide <= 4.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Carbon monoxide <= 4.00 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Carbon monoxide <= 17.50 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Nitrogen oxides <= 24.70 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Nitrogen oxides <= 15.98 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Nitrogen oxides <= 70.00 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Particulate matter (10 microns or less) <= 1.73 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Particulate matter (10 microns or less) <= 0.71 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT42 Boiler No. 2 (E-81-101B)	Particulate matter (10 microns or less) <= 3.10 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Sulfur dioxide <= 0.11 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Sulfur dioxide <= 0.07 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Sulfur dioxide <= 0.30 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]	None specified	<All>	All Year
	VOC, Total <= 0.66 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.66 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 3.00 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT43 Tramp Stripper Outfall O.A.1 (V-71-35157)	VOC, Total <= 0.50 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.03 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.11 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT44 RD Storage Tank (TK-70-35101)	VOC, Total <= 2.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.04 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT45 Neat Promoter Storage Tank (TK-70-128)	VOC, Total <= 0.0003 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year

Facility Sp ic Requirements

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No.: PER19960001

Permit Id : 3120-00004-V0

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT45 Neat Promoter Storage Tank (TK-70-128)	VOC, Total <= 0.0002 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.001 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT46 A.O. Feed Tank E.P. 2 (V-60-35112)	VOC, Total <= 0.50 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.02 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.10 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT47 Promoter Make-Up Tank E.P. 2 (V-60-35104)	VOC, Total <= 1.10 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.34 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 1.51 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT48 Tramp Stripper Outfall E.P. 2 (V-63-35112)	VOC, Total <= 0.50 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.03 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.11 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT49 Catalyst Make-Up Tank A E.P.2 (V-60-35101 A)	VOC, Total <= 2.50 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT49 Catalyst Make-Up Tank A E.P.2 (V-60-35101 A)	VOC, Total <= 0.18 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.77 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT50 Catalyst Make-Up Tank B E.P.2 (V-60-35101 B)	VOC, Total <= 2.50 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.18 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.77 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT51 Low Pressure Vent E.P. 2 (V-63-107)	VOC, Total <= 1.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
EQT52 Maleic Anhydride Storage Tank (TK-71-35118)	VOC, Total <= 0.50 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.04 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT53 Finishing Building Expeller (North) (#9)	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]	None specified	<All>	All Year
	Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]	None specified	<All>	All Year

Facility Specific Requirements

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No.: PER19960001

Permit Id : 3120-00004-V0

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT53 Finishing Building Expeller (North) (#9)	VOC, Total <= 18.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 4.14 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 18.12 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT54 Finishing Building Expeller (South) (#8)	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]	None specified	<All>	All Year
	Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]	None specified	<All>	All Year
	VOC, Total <= 18.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 4.14 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 18.12 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT55 Finishing Building Expeller (3 rd) (#7)	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]	None specified	<All>	All Year
	Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]	None specified	<All>	All Year

Facility Specific Requirements

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No.: PER19960001

Permit Id : 3120-00004-V0

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT55 Finishing Building Expeller (3 rd) (#7)	VOC, Total <= 18.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 4.14 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 18.12 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT59 Wastewater Transfer Storage Tanks (TK-71-35111 and TK-71-35112)	VOC, Total <= 1.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.04 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT60 Oil Additives Storage Tanks (13) (Non-VOC)	VOC, Total <= 1.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.04 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT61 Extender Oil Storage Tanks (Non-VOC) (TK-75-35104)	VOC, Total <= 1.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT61 Extender Oil Storage Tanks (Non-VOC) (TK-75-35104)	VOC, Total <= 0.04 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT62 Finishing Building Expeller (4 th) (#10)	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]	None specified	<All>	All Year
	Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]	None specified	<All>	All Year
	VOC, Total <= 35.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 8.13 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 35.62 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT63 Finishing Line (4 th) (#10 Dryer)	Carbon monoxide <= 1.14 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Carbon monoxide <= 0.38 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Carbon monoxide <= 1.66 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Flow rate >= 375 gallons/min. [LAC 33:III.501.C.6]	None specified	<All>	All Year
	Nitrogen oxides <= 1.51 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT63 Finishing Line (4 th) (#10 Dryer)	Nitrogen oxides <= 1.51 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Nitrogen oxides <= 6.62 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]	None specified	<All>	All Year
	Particulate matter (10 microns or less) <= 0.38 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Particulate matter (10 microns or less) <= 0.19 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Particulate matter (10 microns or less) <= 0.84 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Sulfur dioxide <= 4.53 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	Sulfur dioxide <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	Sulfur dioxide <= 0.03 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
	Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]	None specified	<All>	All Year
	VOC, Total <= 58.50 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT63 Finishing Line (4 th) (#10 Dryer)	VOC, Total <= 11.29 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 49.41 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT64 Fugitive Emissions - Cooling Tower #1	VOC, Total <= 0.17 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.17 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.72 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT65 Fugitive Emissions - Cooling Tower #2	VOC, Total <= 0.19 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.19 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.83 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT66 Fugitive Emissions - Cooling Tower #3	VOC, Total <= 0.20 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.20 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.70 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT67 Laboratory Vent System	VOC, Total <= 8.16 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 4.08 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year

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DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No.: PER19960001

Permit Id : 3120-00004-V0

Limitations:

Subject Item ID	Limit [Citation]	Stat. Basis	Phases	Which Months?
EQT67 Laboratory Vent System	VOC, Total <= 17.87 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT68 Propylene Tower Fugitive Emissions	VOC, Total <= 15.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.55 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 2.41 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
EQT69 NPPDA Storage Tank (TK-71-35120)	VOC, Total <= 1.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 0.01 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 0.04 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year
FUG1 Addis Plant Fugitive Emissions	VOC, Total <= 56.00 lb/hr. [LAC 33:III.501.C.6]	Hourly maximum	<All>	All Year
	VOC, Total <= 52.70 lb/hr. [LAC 33:III.501.C.6]	Hourly average	<All>	All Year
	VOC, Total <= 230.83 tons/yr. [LAC 33:III.501.C.6]	Annual maximum	<All>	All Year

Monitoring Requirements:

Subject Item ID	Parameter	Monitoring [Citation]	Stat. Basis	Phases	Which Months?
AI2519	Vapor pressure	Integrity of roof, seals, and gaskets to be inspected visually each year (maximum degassing interval - 10 years) Vapor pressure monitored by visual inspection/determination annually. [40 CFR 60.113(b)((a))]	Annual average	<All>	All Year
EQT29 Addis Plant Flare (TK-79-101)	Heat content	Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf. [LAC 33:III.501.C.6]	None specified	<All>	All Year

Monitoring Requirements:

Subject Item ID	Parameter	Monitoring [Citation]	Stat. Basis	Phases	Which Months?
EQT29 Addis Plant Flare (TK-79-101)	Presence of a flame	Presence of a flame monitored by heat sensing device continuously. [LAC 33:III.501.C.6]	None specified	<All>	All Year
EQT31 Finishing Line (North) (#9 Dryer)	Flow rate	Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]	None specified	<All>	All Year
EQT32 Finishing Line (South) (#8 Dryer)	Flow rate	Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]	None specified	<All>	All Year
EQT35 Finishing Line (3rd) (#7 Dryer)	Flow rate	Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]	None specified	<All>	All Year
EQT63 Finishing Line (4th) (#10 Dryer)	Flow rate	Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]	None specified	<All>	All Year

Record-Keeping Requirements:

Subject Item ID	Parameter	Record-Keeping [Citation]	Phases
AI2519	Equipment/operational data	Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]	<All>

Record-Keeping Requirements:

Subject Item ID	Parameter	Record-Keeping [Citation]	Phases
AI2519	Equipment/operational data	Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]	<All>
	VOC, Total	Each inspection activity and results; dimensions, capacity, product, TVP, and period of storage. The records shall be maintained on site and available for inspection by the Office of Environmental Compliance, Surveillance Division VOC, Total recordkeeping by electronic or hard copy at the regulation's specified frequency. [40 CFR 60.115(b)((a))]	<All>
		Reports notifying physical or operational changes to existing facilities which cause an increase in emissions; Dates of CEMS performance tests and opacity observations (if applicable); And reports of excess emissions and monitoring systems performance report (if applicable). The records shall be maintained on site and available for inspection by the Office of Environmental Compliance, Surveillance Division VOC, Total recordkeeping by electronic or hard copy at the regulation's specified frequency. [40 CFR 60.7]	<All>
EQT29 Addis Plant Flare (TK-79-101)	Presence of a flame	Presence of a flame recordkeeping by electronic or hard copy continuously. [LAC 33:III.501.C.6]	<All>
EQT31 Finishing Line (North) (#9 Dryer)	Flow rate	Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]	<All>

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DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No.: PER19960001

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Record-Keeping Requirements:

Subject Item ID	Parameter	Record-Keeping [Citation]	Phases
EQT32 Finishing Line (South) (#8 Dryer)	Flow rate	Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]	<All>
EQT35 Finishing Line (3rd) (#7 Dryer)	Flow rate	Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]	<All>
EQT63 Finishing Line (4th) (#10 Dryer)	Flow rate	Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]	<All>

Narrative (Date and Textual) Requirements:

AI2519 –

1. VHAP: Report holes or tears in seals, or roof defects. The records shall be maintained on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [40 CFR 60.115(b)((a))]
2. Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]
3. Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. [LAC 33:III.919.E]
4. Submit revised RMP: Due within six months after changes in processes, quantities stored or handled, or any other aspect of the stationary source increase or decrease the distance to the endpoint by a factor of two or more. [40 CFR 68.36(b)]
5. Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur. [LAC 33:III.5907]
6. Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance
. [LAC 33:III.219]
7. Submit Annual Emissions Report (TEDI): Due annually, by the 1st of July, to the Office of Environmental Services, Permits Division in a form specified by the department. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3. [LAC 33:III.5107.A.2]
8. Submit notification: Due to the Office of Environmental Compliance immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere which does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931, except as provided in LAC 33:III.5107.B.6. Notify by telephone at (225) 763-3908 during office hours, (225) 342-1234 after hours, weekends, and holidays, or by email utilizing the Incident Report Form and procedures found at www.deq.state.la.us/surveillance. [LAC 33:III.5107.B.3]

Narrative (Date and Textual) Requirements:

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9. Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a.i through viii. [LAC 33:III.5107.B.4]
10. Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge. [LAC 33:III.5107.B.5]
11. Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge. [LAC 33:III.5107.B.5]
12. Submit to DEQ a certification of compliance with all MACT requirements, in accordance with *LAC 33:III.5109.D*. Include the elements listed in *LAC 33:III.5109.E*. [LAC 33:III.5109.A.2]
13. Submit notification in writing: Due to the Office of Environmental Compliance, Surveillance Division not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up. [LAC 33:III.5113.A.1]
14. Submit performance evaluation report: Due to the Office of Environmental Assessment, Environmental Technology Division within 60 days of the monitoring system performance evaluation. [LAC 33:III.5113.C.2]
15. Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B. [LAC 33:III.5113.C.5.a]
16. Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days. [LAC 33:III.5113.C.5.a]
17. Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS. [LAC 33:III.5113.C.5.d]
18. Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS. [LAC 33:III.5113.C.5.e]
19. Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ. [LAC 33:III.5113.C.7]
20. Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]
21. Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7
. [LAC 33:III.1305]
22. Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority. [LAC 33:III.5611.A]
23. During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations. [LAC 33:III.5611.B]
24. Shall comply with all the applicable provisions of 40 CFR 82.30 through 42 and 40 CFR 82.150 through 166. [40 CFR 82]

Narrative (Date and Textual) Requirements:

AI2519 --

25. Repair of leaking equipment shall be performed as required in 40 CFR 82.156(j). [40 CFR 82]
26. Comply with all applicable requirements of LA 33:III.Chapter 51 Subchapter M. Asbestos. [LAC 33:III.51.5151]
27. Unauthorized discharge of any air pollutant to the atmosphere shall be reported in accordance with the provisions of LAC 33:I.Chapter 39. [LAC 33:III.927]
28. Shall comply with the applicable requirements for asbestos removal. [40 CFR 61.M]
29. Shall be registered if a regulated substance exceeds the threshold quantity. [LAC 33:III.59]

EQT8 -- Dry Recycle Hexane Storage TanksNatural Gas (TK-65-35108 A&B)

1. Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]
2. Stores a liquid containing an organic HAP. This tank is group 2 storage vessel per Table 3 of 40 CFR 63, Subpart U.
   Shall comply with all the provisions in 40 CFR 63.484. [40 CFR 63.484-506]
3. Shall comply with all the provisions in 40 CFR 63.484. [40 CFR 63.484]
4. Shall comply with the requirements of this section by being equipped with a vapor loss control system. [LAC 33:III.2103]

EQT10 -- Fresh Hexane Tank (TK-75-34-109)

1. Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]
2. Shall comply with all the provisions in 40 CFR 63.484. [40 CFR 63.484]
3. Shall comply with the requirements of this section by being equipped with a vapor loss control system. [LAC 33:III.2103]
4. *Stores a liquid containing an organic HAP. This tank is group storage vessel per Table 3 of 40 CFR 63, Subpart U.*
   Shall comply with all the provisions in 40 CFR 63.484. [40 CFR 63.484]

EQT13 -- Recycle Water Tank Overflow E.P.1 (TK-72-101)

1. Shall comply with the requirements of this section by being equipped with a vapor loss control system. [LAC 33:III.2103]

EQT14 -- Wet Wash Solvent Surge Tank E.P. 1 (TK-73-35113)

1. No control required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. This vessel has a capacity less than 75 cubic meters and is therefore subject to the recordkeeping provisions of this subpart. [40 CFR 60.110(b)]
3. Shall comply with the requirements of this section by being equipped with a vapor loss control system. [LAC 33:III.2103]

EQT15 -- Tramp Stripper Outfall E.P.1 (V-70-33122)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Shall comply with the requirements of this section by being equipped with a vapor loss control system. [LAC 33:III.2103]

EQT16 -- Dry Wash Solvent Surge Tank E.P.1 (TK-73-35114)

1. Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]
2. Stores a liquid containing an organic HAP. This tank is a group 1 storage vessel per Table 3 of 40 CFR 63, Subpart U.
   Shall comply with all the provisions in 40 CFR 63.484. [40 CFR 63.484]

Narrative (Date and Textual) Requirements:

EQT16 -- Dry Wash Solvent Surge Tank E.P.1 (TK-73-35114)

3. Shall comply with all the provisions in 40 CFR 63.484. [40 CFR 63.484]
4. Shall comply with the requirements of this section by being equipped with a vapor loss control system. [LAC 33:III.2103]

EQT17 -- Low Pressure Vent E.P.1 (V-73-125)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]

EQT18 -- Toluene Storage Tank (V-72-33102)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Shall comply with the requirements of this section by being equipped with a vapor loss control system. [LAC 33:III.2103]
3. Stores a liquid containing an organic HAP. This tank is group 2 storage vessel per Table 3 of 40 CFR 63, Subpart U. No control requirements apply. [40 CFR 63.480-506]

EQT19 -- Gasoline Storage Tanks (UST) (TK-79-35103 A&B)

1. Shall comply with the requirements of this section by being equipped with a vapor loss control system. [LAC 33:III.2103]
2. Stores a liquid containing an organic HAP. This tank is group 2 storage vessel per Table 3 of 40 CFR 63, Subpart U. No control requirements apply. [40 CFR 63.48-506]

EQT20 -- Catalyst Make-Up (A) E.P.1 (V-70-33105 A)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

EQT21 -- Catylyst Make-up (B) E.P.1 (V-70-33105 B)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Submit to DEQ a compliance plan for achieving compliance with MACT requirements in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. [LAC 33:III.5109.A.1]
3. Submit to DEQ a certification of compliance with all MACT requirements, in accordance with LAC 33:III.5109.D. Include the elements listed in LAC 33:III.5109.E. [LAC 33:III.5109.A.2]
4. Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]
5. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

EQT22 -- Catylyst Make-up O.A.1 (A) (V-71-35119A)

1. No controls required.Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

EQT23 -- Catylyst Make-up O.A.1 (B) (V-71-35119B)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]

Narrative (Date and Textual) Requirements:

EQT23 -- Catylyst Make-up O.A.1 (B) (V-71-35119B)

2. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

EQT24 -- Antioxidant Make-up Tank E.P.1 (V-72-33108)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]

EQT25 -- Promoter Make-Up Tank A (V-70-33103)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

EQT26 -- Neat Catalyst Storage Vessel (V-75-107)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]
3. Stores a liquid containing an organic HAP and is group 2 storage vessel per Table 3 of 40 CFR 63, Subpart U. No control requirements apply. [40 CFR 63.480-506]

EQT27 -- Alkyl Blend Tank (V-75-35112)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]
3. Stores a liquid containing an organic HAP and is group 2 storage vessel per Table 3 of 40 CFR 63, Subpart U. No control requirements apply. [40 CFR 63.480-493]

EQT28 -- OA 1 Dry Recycle Solvent Tank TK-75-35107

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]
3. Stores a liquid containing an organic HAP and is group 2 storage vessel per Table 3 of 40 CFR 63, Subpart U. No control requirements apply. [40 CFR 63.480-493]

EQT29 -- Addis Plant Flare (TK-79-101)

1. Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]
2. Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]
3. Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]
4. Shall comply with all the requirements of 40 CFR 63.11 as required in 40 CFR 63.120(e)(1) and 40 cFR 63.485(a). [40 CFR 63.11]
5. Shall comply with all the requirements of 40 CFR 63.11 as required in 40 CFR 63.485(a). [40 CFR 63.480-493]

EQT31 -- Finishing Line (North) (#9 Dryer)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]

EQT32 -- Finishing Line (South) (#8 Dryer)

1. No control required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]

Narrative (Date and Textual) Requirements:

EQT32 -- Finishing Line (South) (#8 Dryer)

2. The Back-end Process Operation Residual HAP Limitation for EPR is 8 kg total organic HAP per Mg of crumb rubber (dry weight). [40 CFR 63.494(a)(3)(i)]

EQT35 -- Finishing Line (3rd) (#7 Dryer)

1. No control required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]

EQT37 -- Alkyl Storage

1. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

EQT38 -- Promoter Make-Up (B) O.A.1 (V-77-34102)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Submit to DEQ a compliance plan for achieving compliance with MACT requirements in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. [LAC 33:III.5109.A.1]
3. Submit to DEQ a certification of compliance with all MACT requirements, in accordance with LAC 33:III.5109.D. Include the elements listed in LAC 33:III.5109.E. [LAC 33:III.5109.A.2]
4. Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS. [LAC 33:III.5113.C.5.d]
5. Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS. [LAC 33:III.5113.C.5.e]
6. Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ. [LAC 33:III.5113.C.7]
7. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

EQT39 -- NVP Storage Tanks (3) (TK-71-35102 A & B & TK-71-108)

1. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

EQT40 -- Dicumyl Peroxide Storage

1. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

EQT41 -- Boiler No. 1 (E-81-101A)

1. Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits . [LAC 33:III.501.C.6]

Narrative (Date and Textual) Requirements:

EQT42 -- Boiler No. 2 (E-81-101B)

1. Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; Method 6C - Determination of Sulfur Dioxide Emissions From Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

EQT43 -- Tramp Stripper Outfall O.A.1 (V-71-35157)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Shall comply with the requirements of this section by being equipped with a vapor loss control system. [LAC 33:III.2103]

EQT45 -- Neat Promoter Storage Tank (TK-70-128)

1. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

EQT46 -- A.O. Feed Tank E.P. 2 (V-60-35112)

1. Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]
2. Shall comply with all the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

EQT47 -- Promoter Make-Up Tank E.P. 2 (V-60-35104)

1. No control required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

EQT48 -- Tramp Stripper Outfall E.P. 2 (V-63-35112)

1. No controls required. Emists Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Shall comply with the requirements of this section by being equipped with a vapor loss control system. [LAC 33:III.2103]

EQT49 -- Catalyst Make-Up Tank A E.P.2 (V-60-35101 A)

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

EQT50 -- Catalyst Make-Up Tank B E.P.2 (V-60-35101 B)

1. Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

EQT52 -- Maleic Anhydride Storage Tank (TK-71-35118)

1. Capacity greater than 151 cubic meters. Stores a liquid with a vapor pressure less than 3.5 kPa. [40 CFR 60.110(b)]
2. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

Facility Spe / Requirements

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No.: PER19960001

Permit Id : 3120-00004-V0

Narrative (Date and Textual) Requirements:

EQT53 -- Finishing Building Expeller (North) (#9)

1. No control required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. The Back-end Process Operation Residual HAP Limitation for EPR is 8 kg total organic HAP per Mg of crumb rubber (dry weight). [40 CFR 60.494(a)(3)(i)]

EQT54 -- Finishing Building Expeller (South) (#8)

1. No control required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. The Back-end Process Operation Residual HAP Limitation for EPR is 8 kg total organic HAP per Mg of crumb rubber (dry weight). [40 CFR 60.494(a)(3)(i)]

EQT55 -- Finishing Building Expeller (3 rd) (#7)

1. No control required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. The Back-end Process Operation Residual HAP Limitation for EPR is 8 kg total organic HAP per Mg of crumb rubber (dry weight). [40 CFR 60.494(a)(3)(i)]

EQT62 -- Finishing Building Expeller (4 th) (#10)

1. No control required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. The Back-end Process Operation Residual HAP Limitation for EPR is 8 kg total organic HAP per Mg of crumb rubber (dry weight). [40 CFR 60.494(a)(3)(i)]

EQT63 -- Finishing Line (4 th) (#10 Dryer)

1. No control required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. The Back-end Process Operation Residual HAP Limitation for EPR is 8 kg total organic HAP per Mg of crumb rubber (dry weight). [40 CFR 60.494(a)(3)(i)]

EQT64 -- Fugitive Emissions - Cooling Tower #1

1. No control required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. Shall comply with all the requirements of 40 CFR 63.104 for n-hexane. [40 CFR 63.502(n)]
3. The Back-end Process Operation Residual HAP Limitation for EPR is 8 kg total organic HAP per Mg of crumb rubber (dry weight). [40 CFR 60.494(a)(3)(i)]

EQT65 -- Fugitive Emissions - Cooling Tower #2

1. Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]
2. The Back-end Process Operation Residual HAP Limitation for EPR is 8 kg total organic HAP per Mg of crumb rubber (dry weight). [40 CFR 63.494(a)(3)(I)]
3. Shall comply with all the requirements of 40 CFR 63.104 for n-hexane. [40 CFR 63.502(n)]

EQT66 -- Fugitive Emissions - Cooling Tower #3

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]
2. The Back-end Process Operation Residual HAP Limitation for EPR is 8 kg total organic HAP per Mg of crumb rubber (dry weight). [40 CFR 60.494(A)(3)(I)]
3. Shall comply with all the requirements of 40 CFR 63.104 for n-hexane. [40 CFR 63.502(n)]

EQT67 -- Laboratory Vent System

1. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109.A]

Facility Specific Requirements

DSM Copolymer Inc - Addis Facility

Agency Interest Number: 2519

Activity ID No.: PER19960001

Permit Id : 3120-00004-V0

Narrative (Date and Textual) Requirements:

EQT68 -- Propylene Tower Fugitive Emissions

1. Comply with NSPS Subpart VV - Equipments Leaks of VOC in SOCMI. [LAC 33:III.2122]

EQT69 -- NPPDA Storage Tank (TK-71-35120)

1. Shall comply with the requirements of this section by being equipped with a submerged fill pipe. [LAC 33:III.2103]

FUG1 -- Addis Plant Fugitive Emissions

1. Equip all rotary pumps and compressors with mechanical seals. [LAC 33:III.2111]
2. Comply with all the requirements of 40 CFR 63 Subpart H for those components in n-hexane and toluene service and LAC 33:III.2122 for those components in ethylene or propylene service. [LAC 33:III.2122]
3. Shall maintain the best practical housekeeping and maintenance practices. [LAC 33:III.2113]
4. No controls required. Emits Class III toxics and complies with AAS requirements. [LAC 33:III.5109]
5. Shall comply with 40 CFR 63 Subpart H for all equimpment in organic HAP service. [40 CFR 63.502]
6. Shall comply with all the requirements of 40 CFR 63 Subpart H. [40 CFR 63.190]

40 CFR PART 70 GENERAL CONDITIONS

A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than 180 days prior to the permit expiration date. Should a timely and complete permit application not be submitted prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]

B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]

C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.b.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]

D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]

E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]

F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]

G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]

H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:

1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];

3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]

I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit. [Reference 40 CFR 70.6(a)(3)(ii)(B)]

J. Records of required monitoring shall include the following:

1. the date, place as defined in the permit, and time of sampling or measurements;
2. the date(s) analyses were performed;
3. the company or entity that performed the analyses;
4. the analytical techniques or methods used;
5. the results of such analyses; and
6. the operating conditions as existing at the time of sampling or measurement. [Reference 40 CFR 70.6(a)(3)(ii)(A)]

K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permit requirements, certified by a responsible company official. For previously reported deviations, the semiannual report should reference the communication(s)/correspondence(s) constituting the prior report. The semiannual reports shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding period encompassing July through

December and September 30 for the preceding period encompassing January through June. [LAC 33:III.507.H.1, reference 40 CFR 70.6(a)(3)(iii)(A)]

L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. The compliance certifications shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]

P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.6 (f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.6(f)]

Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:

1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;

2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;

3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;

4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

5. changes in emissions would not qualify as a significant modification; and

6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]

R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Surveillance Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).

1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:

   a. Report by June 30 to cover January through March
   b. Report by September 30 to cover April through June
   c. Report by December 31 to cover July through September
   d. Report by March 31 to cover October through December

4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting

requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
[Reference 40 CFR 70.6(a)(3)(iii)(B)]

S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.6(c)(8)(iii)]

T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;

2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;

3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;

4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);

5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and

6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

[Reference 40 CFR 82, Subpart F]

U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.
[Reference 40 CFR 82, Subpart B]

LOUISIANA AIR EMISSIONS PERMIT
GENERAL CONDITIONS

I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.

II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.

III. The attached Annual Emission Rates listing and/or Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Conditions or, where included, Tables 2 and 3 of the Permit. The synopsis is based on the application and Emission Inventory Questionnaire dated October 15, 1996 requesting a Part 70 operating permit. Additional information dated December 30, 2003 was also submitted.

IV. This permit shall become invalid, for the sources not constructed, if:

A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;

B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.

V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is

certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Permits Division.

VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Environmental Technology Division.

VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Environmental Technology Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Environmental Technology Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Surveillance Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.

X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.

XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Surveillance Division with a written report as specified below.

A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs 1 or 2 above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:

1. Report by June 30 to cover January through March
2. Report by September 30 to cover April through June
3. Report by December 31 to cover July through September
4. Report by March 31 to cover October through December

D. Each report submitted in accordance with this condition shall contain the following information:

1. Description of noncomplying emission(s);
2. Cause of noncompliance;
3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.

E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;

B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;

C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and

D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919.E as well as notification requirements specified under LAC 33:III.927.

XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Permits Division, within ninety (90) days after the event, to amend this permit.

XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Section
La. Dept. of Environmental Quality
Post Office Box 82282
Baton Rouge, Louisiana 70884-2282

XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.