State of Mississippi

FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

THIS CERTIFIES

Resinall Mississippi Inc
102 Dixie Pine Road
Hattiesburg, MS
Forrest County

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with the Federal Clean Air Act and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. set., Mississippi Code of 1972), the regulations and standards adopted and promulgated thereunder, and the State Implementation Plan for operating permits for synthetic minor sources.

Mississippi Environmental Quality Permit Board

Mississippi Department of Environmental Quality

Issued/Modified:

Expires:

Permit No. 0800-00009

Agency Interest # 5572

*** Draft Permit ***

Table of Contents

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Resinall Mississippi Inc
Subject Item Inventory
Permit Number:0800-00009
Activity ID No.: PER20150003

Subject Item Inventory:

ID	Designation	Description
AI5572		Specialty Resin Manufacturing Facility
AREA1	AA-005	Oil Demister. The oil is pumped into the top and freefalls thru a large venturi, which creates the vacuum. This vacuum then pulls cool air across the resin as it pours out onto the flaker belts (i.e. FB-1 and FB-2). This helps to cool the resin and to pull off any remaining heavy oil mist. The air is drawn through circulating oil that creates the vacuum to collect the heavy oils that are pulled off the flaker belts as the resin begins to cool. The air then exits through a stack.
AREA2	AA-006	Double-sided Flaking/Bagging process with a bagfilter to control particulate matter emissions (Reference No. FB-1).
AREA3	AA-013	Double-sided Flaking/Bagging process with a bagfilter to control particulate matter emissions (Reference No. FB-2).
AREA4	AA-014	Loading/Unloading Operations. This emissions point comprises eight (8) railcar (Reference No. LR-1 to 8) loading/unloading stations.
AREA5	AA-022	Truck Loading/Unloading Operations. This emissions point comprises three (3) truck (Reference No. LT-1 to 3) loading/unloading stations.
AREA7	AE-000	Fugitive Leak Emissions from Equipment such as Valves, Pump Seals, Open Ended Lines, Connectors, etc.
AREA8	AQ-001	Hydrogenated Hydrocarbon Resin Unit Process with inherent reflux condenser (Reference No. AQ-C1) will hydrogenate resins for producing low molecular weight, thermoplastic resins (Reference No. H-1)
CONT2	AA-004	Venturi Scrubber (Reference No. T-16) controls VOC emissions from the ten (10) Resin Kettles (K-1,K-3,K-4,K-5,K-6,K-7,K-8,K-10, K-12 and K-13) and one (1) Molten WW Storage Tank. Each resin kettle equipped with a condenser. Process gases leaving each condenser are vented through the Venturi Scrubber, Emission Point AA-004, prior to release to the atmosphere.
EQPT1	AA-001	Cleaver Brooks 10 MMBTU/hr Hot Steam Boiler No. 1 fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HS-01)
EQPT2	AA-002	Cleaver Brooks 10 MMBTU/hr Hot Steam Boiler No. 2 fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HS-02)
EQPT3	AA-003	First Thermal Systems, Inc. 13.4 MMBTU/hr No.1 Hot Oil Boiler fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HO-01)
EQPT5	AA-018	Superior (Mohawk) 21 MMBTU/hr Hot Steam Boiler No.3 fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HS-03)
EQPT6	AA-019	GTS Energy 26 MMBTU/hr Hot Oil Boiler Fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HO-05)
EQPT7	AA-015	1000 kW Diesel-Fired Emergency Generator Equipped with a 2,000 gallon Diesel Fuel Storage Tank (Reference No. Gen-02 & T-0095)
EQPT8	AA-020	250 kW Diesel-Fired Emergency Generator Equipped with a 420 gallon Diesel Fuel Storage Tank (Reference No. Gen-03 & T-0096)

ID	Designation	Description
EQPT9	AA-017	27,000 gallon Resin Thinning Kettle Reactor equipped with a Condenser (Reference No. K-11)
EQPT11	T-0011	6,450 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT12	T-0012	6,450 gallon Kettle Pressure Relief (K1-K4) Storage Tank
EQPT13	T-0013	6,450 gallon Process Oil / Resin Oil Blend Storage Tank (Ref No.: AB-025)
EQPT14	T-0014	6,450 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT15	T-0015	6,450 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT16	T-0018	6,450 gallon Kettle Pressure Relief (K6) Storage Tank (Ref. No.: AB-026)
EQPT17	T-0019	6,450 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT18	T-0020	6,450 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT19	T-0016	6,450 gallon Fume Scrubber Storage Tank
EQPT20	T-0017	6,450 gallon Wastewater / Oil Storage Tank
EQPT21	T-0025	12,830 gallon Rosin Derivatives Storage Tank
EQPT22	T-0026	9,800 gallon Rosin Derivatives Storage Tank (Ref. No.: AB-027)
EQPT23	T-0028	4,600 gallon Rosin Derivatives Storage Tank
EQPT24	T-0032	12,000 gallon Zecosol / Fuel Oil Storage Tank
EQPT25	T-0206	3,117 gallon Fume Scrubber / Low Vac Storage Tank
EQPT26	T-0034	7,700 gallon Zecosol / Fuel Oil Storage Tank
EQPT27	T-0035	7,650 gallon Zecosol / Fuel Oil Storage Tank
EQPT28	T-0036	10,520 gallon Zecosol / Fuel Oil Storage Tank
EQPT29	T-0037	7,650 gallon Zecosol / Fuel Oil Storage Tank
EQPT30	T-0038	21,100 gallon Zecosol / Fuel Oil Storage Tank
EQPT31	T-0039	21,100 gallon Zecosol / Fuel Oil Storage Tank
EQPT32	T-0040	21,100 gallon Zecosol / Fuel Oil Storage Tank

ID	Designation	Description
EQPT33	T-0041	15,250 gallon Zecosol / Fuel Oil Storage Tank
EQPT34	T-0045	20,564 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT35	T-0046	4,200 gallon Glycerine / Glycol Storage Tank
EQPT36	T-0047	8,130 gallon Rosin Derivatives Storage Tank
EQPT37	T-0048	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-041)
EQPT38	T-0049	20,600 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT39	T-0050	4,255 gallon Glycerine / Glycol Storage Tank
EQPT40	T-0051	15,200 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-029)
EQPT41	T-0052	6,200 gallon Rosin Derivatives or Para-Nonylphenol Storage Tank
EQPT42	T-0053	6,200 gallon Rosin Derivatives or Para-Nonylphenol Storage Tank
EQPT43	T-0054	20,600 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-030)
EQPT44	T-0055	7,641 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-004)
EQPT45	T-0056	10,338 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT46	T-0057	6,122 gallon Rosin Melter Storage Tank (Ref. No.: AB-062)
EQPT47	T-0060	1,000 gallon Gasoline / Diesel Fuel Storage Tank
EQPT48	T-0062	15,525 gallon Rosin Derivatives Storage Tank
EQPT49	T-0063	823 gallon Solvent Slurry Storage Tank
EQPT50	T-0071	1,737 gallon Zecosol / Fuel Oil Storage Tank
EQPT52	T-0073	30,300 gallon Zecosol Storage Tank (Ref. No.: AB-042)
EQPT53	T-0074	20,564 gallon Zecosol Storage Tank
EQPT55	T-0076	30,300 gallon Hydrocarbon Feedstock Storage Tank (Ref. No.: AB-031)
EQPT56	T-0077	30,300 gallon Hydrocarbon Feedstock Storage Tank
EQPT58	T-0080	2,025 gallon Hot Oil Expansion Tank

ID	Designation	Description
EQPT59	T-0083	30,300 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT60	T-0084	30,300 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT61	T-0085	20,600 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT62	T-0088	10,338 gallon Hydrocarbon Feedstock Storage Tank
EQPT63	T-0089	10,338 gallon Hydrocarbon Feedstock Storage Tank
EQPT65	T-0092	30,300 gallon Rosin derivatives Storage Tank (Ref. No.: AB-008)
EQPT67	T-0100	12,000 gallon Maleic Anhydride or Para-Nonylphenol Storage Tank
EQPT68	T-0101	8,000 gallon Kettle Pressure Relief Storage Tank
EQPT69	T-0102	8,000 gallon Kettle Pressure Relief Storage Tank (Ref. No.: AB-035)
EQPT70	T-0103	30,300 gallon Zecosol Storage Tank (Ref. No.: AB-010)
EQPT71	T-0105	30,300 gallon Hydrocarbon Feedstock Storage Tank (Ref. No.: AB-012)
EQPT72	T-0106	30,300 gallon Hydrocarbon Feedstock Storage Tank (Ref. No.: AB-013)
EQPT73	T-0107	30,300 gallon Hydrocarbon Feedstock Storage Tank (Ref. No.: AB-014)
EQPT74	T-0108	30,300 gallon Hydrocarbon Feedstock Storage Tank (Ref. No.: AB-015)
EQPT75	T-0111	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-018)
EQPT76	T-0112	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-019)
EQPT77	T-0113	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-020)
EQPT78	T-0114	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-021)
EQPT79	T-0115	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-022)
EQPT80	T-0116	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-023)
EQPT81	T-0117	16,195 gallon Rosin Derivatives Storage Tank (Ref. No.: AB-023)
EQPT82	T-0118	22,800 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-033)
EQPT83	T-0119	22,800 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-034)

ID	Designation	Description
EQPT84	T-0123	30,300 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT85	T-0124	30,300 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT86	T-0125	30,300 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT87	T-0126	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-047)
EQPT88	T-0127	30,300 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT89	T-0128	30,300 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT90	T-0129	30,300 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT91	T-0130	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Ref. No.: AB-051)
EQPT92	T-0131	10,000 gallon Kettle Pressure Relief Storage Tank (Ref. No.: AB-052)
EQPT93	T-0132	10,000 gallon Kettle Pressure Relief Storage Tank (Ref. No.: AB-053)
EQPT94	T-0133	39,718 gallon Zecosol Storage Tank (Ref. No.: AB-054)
EQPT95	T-0134	39,718 gallon Hydrocarbon Feedstock Storage Tank (Ref. No.: AB-055)
EQPT96	T-0135	39,718 gallon Hydrocarbon Feedstock Storage Tank (Ref. No.: AB-056)
EQPT97	T-0136	39,718 gallon Hydrocarbon Feedstock Storage Tank (Ref. No.: AB-057)
EQPT98	T-0142	30,300 gallon Rosin Derivatives Storage Tank (Ref. No.: AB-064)
EQPT99	T-0095	2,000 gallon Diesel Fuel Storage Tank
EQPT100	T-0096	420 gallon Diesel Fuel Storage Tank
EQPT101	T-0042	20,564 gallon Hydrocarbon Polymer Storage Tank
EQPT102	T-0082	20,564 gallon Hydrocarbon Polymer Storage Tank
EQPT103	T-0086	20,564 gallon Hydrocarbon Polymer Storage Tank (Ref. No.: AB-006)
EQPT104	T-0104	30,300 gallon Hydrocarbon Polymer Storage Tank (Ref. No.: AB-011)
EQPT105	T-0109	30,300 gallon Hydrocarbon Feedstock Storage Tank (Ref. No.: AB-016)
EQPT106	T-0110	30,300 gallon Hydrocarbon Polymer Storage Tank (Ref. No.: AB-017)

ID	Designation	Description
EQPT107	T-0121	30,300 gallon Hydrocarbon Polymer Storage Tank (Ref. No.: AB-036)
EQPT108	T-0122	30,300 gallon Hydrocarbon Polymer Storage Tank (Ref. No.: AB-037)
EQPT109	T-0138	39,718 gallon Hydrogenated Hydrocarbon Polymer Storage Tank equipped with Condenser C075-X4 (Ref. No.: AB-059)
EQPT110	T-0139	39,718 gallon Hydrogenated Hydrocarbon Polymer Storage Tank equipped with Condenser C075-X1 (Ref. No.: AB-060)
EQPT111	T-0140	39,718 gallon Hydrogenated Hydrocarbon Polymer Storage Tank equipped with Condenser C075-X2 (Ref. No.: AB-061)
EQPT112	T-0141	39,718 gallon Hydrogenated Hydrocarbon Polymer Storage Tank equipped with Condenser C075-X3 (Ref. No.: AB-063)
EQPT113	T-0156	30,300 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT114	T-0143	39,718 gallon Hydrocarbon Polymer Storage Tank with vapor return to Resin Batch Reactor Kettle K-10 and K-12
EQPT115	T-0144	39,718 gallon Hydrocarbon Polymer Storage Tank with vapor return to Resin Batch Reactor Kettle K-10 and K-12
EQPT116	T-0145	39,718 gallon Hydrocarbon Polymer Storage Tank with vapor return to Resin Batch Reactor Kettle K-10 and K-12
EQPT117	T-0146	39,718 gallon Hydrocarbon Feedstock Storage Tank
EQPT118	T-0147	30,300 gallon Hydrocarbon Feedstock Storage Tank
EQPT119	T-0148	30,300 gallon Hydrocarbon Feedstock Storage Tank (Proposed)
EQPT120	T-0149	30,300 gallon Hydrocarbon Feedstock Storage Tank (Proposed)
EQPT121	T-0150	30,300 gallon Hydrocarbon Feedstock Storage Tank (Proposed)
EQPT122	T-0151	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Proposed)
EQPT123	T-0152	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Proposed)
EQPT124	T-0153	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Proposed)
EQPT125	T-0154	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Proposed)
EQPT126	T-0155	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Proposed)
EQPT127	T-0157	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Proposed)
EQPT128	T-0158	30,300 gallon Process Oil / Resin Oil Blend Storage Tank
EQPT129	T-0159	30,300 gallon Process Oil / Resin Oil Blend Storage Tank (Proposed)

ID	Designation	Description
EQPT130	T-0200	30,300 gallon Water White Resin - Hydrocarbon Polymer Storage Tank
EQPT131	T-0201	30,300 gallon Water White Resin - Hydrocarbon Polymer Storage Tank
EQPT132	T-0202	30,300 gallon Water White Resin - Hydrocarbon Polymer Storage Tank (Proposed)
EQPT133	T-0203	30,300 gallon Water White Resin - Hydrocarbon Polymer Storage Tank (Proposed)
EQPT134	T-0165	11,300 gallon Kettle Pressure Relief Storage Tank
EQPT135	T-0166	12,000 gallon Rosin Derivatives Storage Tank (Proposed)
EQPT136	AK-001	5,000 gallon Resin Batch Reactor Kettle (Ref. No.: K-1)
EQPT137	AK-003	10,000 gallon Resin Batch Reactor Kettle (Ref. No.: K-3)
EQPT138	AK-004	10,000 gallon Resin Batch Reactor Kettle (Ref. No.: K-4)
EQPT139	AK-005	4,000 gallon Resin Batch Reactor Kettle (Ref. No.: K-5)
EQPT140	AK-006	20,000 gallon Resin Batch Reactor Kettle (Ref. No.: K-6)
EQPT141	AK-007	10,500 gallon Resin Batch Reactor Kettle (Ref. No.: K-7)
EQPT142	AK-008	10,500 gallon Resin Batch Reactor Kettle (Ref. No.: K-8)
EQPT143	T-0209	35,000 gallon Water White Resin - Hydrocarbon Polymer Storage Tank
EQPT144	AK-010	10,500 gallon Resin Batch Reactor Kettle (Ref. No.: K-10)
EQPT145	AK-012	10,500 gallon Resin Batch Reactor Kettle (Ref. No.: K-12)
EQPT146	AK-013	15,000 gallon Resin Batch Reactor Kettle (Ref. No.: K-13)
EQPT147	T-94	23,968 gallon Rosin Derivatives Storage Tank (Ref. No.: AB-009)
EQPT148	AA-025	First Thermal, IHEHC Series - 12.44 MMBTU/hr Hot Oil Boiler fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HO-06)
EQPT149	T-0204	1,000 gallon Catalyst Slurry Storage Tank
EQPT150	T-0205	6,500 gallon Zecosol Storage Tank
EQPT151	T-0207	1,580 gallon Heating Oil Storage Tank
EQPT152	T-0208	6,500 gallon Zecosol Storage Tank (Proposed)

ID	Designation	Description
EQPT154	AA-026	186 KW (250 HP) Diesel-Fired Pump Engine to Provide Power to Pump Water for Fire Suppression or Protection (Ref No.: FWP-01)
EQPT155	AA-027	40 KW (54 HP) Natural Gas-Fired Emergency Generator (Ref. No.: EG-04)
EQPT156	T-0097	280 gallon Distillate Fuel Oil Storage Tank for EQPT154
IA1	AA-024	Total Combined Emissions from Laboratory No.1 & 2 (Ref. No.: LAB-1 & LAB-2)

Subject Item Groups:

ID	Description	Components
GRPT10	Hydrogenation Process and Associated Equipment Owned and Operated by Resinall QalicB (RQB)	AREA8 Hydrogenated Hydrocarbon Resin Unit Process with inherent reflux condenser (Reference No. AQ-C1) will hydrogenate resins for producing low molecular weight, thermoplastic resins (Reference No. H-1)
		EQPT130 30,300 gallon Water White Resin - Hydrocarbon Polymer Storage Tank
		EQPT131 30,300 gallon Water White Resin - Hydrocarbon Polymer Storage Tank
		EQPT132 30,300 gallon Water White Resin - Hydrocarbon Polymer Storage Tank (Proposed)
		EQPT133 30,300 gallon Water White Resin - Hydrocarbon Polymer Storage Tank (Proposed)
		EQPT149 1,000 gallon Catalyst Slurry Storage Tank
		EQPT150 6,500 gallon Zecosol Storage Tank
		EQPT151 1,580 gallon Heating Oil Storage Tank
		EQPT152 6,500 gallon Zecosol Storage Tank (Proposed)
		EQPT155 40 KW (54 HP) Natural Gas-Fired Emergency Generator (Ref. No.: EG-04)
		EQPT25 3,117 gallon Fume Scrubber / Low Vac Storage Tank
GRPT1	Fuel Combustion Units	EQPT1 Cleaver Brooks 10 MMBTU/hr Hot Steam Boiler No. 1 fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HS-01)

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Resinall Mississippi Inc

Subject Item Inventory

Permit Number:0800-00009

Activity ID No.: PER20150003

ID	Description	Components
GRPT1	Fuel Combustion Units	EQPT148 First Thermal, IHEHC Series - 12.44 MMBTU/hr Hot Oil Boiler fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HO-06)
		EQPT154 186 KW (250 HP) Diesel-Fired Pump Engine to Provide Power to Pump Water for Fire Suppression or Protection (Ref No.: FWP-01)
		EQPT155 40 KW (54 HP) Natural Gas-Fired Emergency Generator (Ref. No.: EG-04)
		EQPT2 Cleaver Brooks 10 MMBTU/hr Hot Steam Boiler No. 2 fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HS-02)
		EQPT3 First Thermal Systems, Inc. 13.4 MMBTU/hr No.1 Hot Oil Boiler fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HO-01)
		EQPT5 Superior (Mohawk) 21 MMBTU/hr Hot Steam Boiler No.3 fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HS-03)
		EQPT6 GTS Energy 26 MMBTU/hr Hot Oil Boiler Fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HO-05)
		EQPT7 1000 kW Diesel-Fired Emergency Generator Equipped with a 2,000 gallon Diesel Fuel Storage Tank (Reference No. Gen-02 & T-0095)
		EQPT8 250 kW Diesel-Fired Emergency Generator Equipped with a 420 gallon Diesel Fuel Storage Tank (Reference No. Gen-03 & T-0096)
GRPT5	Volatile Organic Liquid Storage Tanks NSPS Subpart Kb Requirements	EQPT101 20,564 gallon Hydrocarbon Polymer Storage Tank
		EQPT102 20,564 gallon Hydrocarbon Polymer Storage Tank
		EQPT103 20,564 gallon Hydrocarbon Polymer Storage Tank (Ref. No.: AB-006)
		EQPT104 30,300 gallon Hydrocarbon Polymer Storage Tank (Ref. No.: AB-011)
		EQPT106 30,300 gallon Hydrocarbon Polymer Storage Tank (Ref. No.: AB-017)
		EQPT107 30,300 gallon Hydrocarbon Polymer Storage Tank (Ref. No.: AB-036)
		EQPT108 30,300 gallon Hydrocarbon Polymer Storage Tank (Ref. No.: AB-037)
		EQPT109 39,718 gallon Hydrogenated Hydrocarbon Polymer Storage Tank equipped with Condenser C075-X4 (Ref. No.: AB-059)

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

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ID	Description	Components
GRPT5	Volatile Organic Liquid Storage Tanks NSPS Subpart Kb Requirements	EQPT110 39,718 gallon Hydrogenated Hydrocarbon Polymer Storage Tank equipped with Condenser C075-X1 (Ref. No.: AB-060)
		EQPT111 39,718 gallon Hydrogenated Hydrocarbon Polymer Storage Tank equipped with Condenser C075-X2 (Ref. No.: AB-061)
		EQPT112 39,718 gallon Hydrogenated Hydrocarbon Polymer Storage Tank equipped with Condenser C075-X3 (Ref. No.: AB-063)
		EQPT114 39,718 gallon Hydrocarbon Polymer Storage Tank with vapor return to Resin Batch Reactor Kettle K-10 and K-12
		EQPT115 39,718 gallon Hydrocarbon Polymer Storage Tank with vapor return to Resin Batch Reactor Kettle K-10 and K-12
		EQPT116 39,718 gallon Hydrocarbon Polymer Storage Tank with vapor return to Resin Batch Reactor Kettle K-10 and K-12
		EQPT130 30,300 gallon Water White Resin - Hydrocarbon Polymer Storage Tank
		EQPT131 30,300 gallon Water White Resin - Hydrocarbon Polymer Storage Tank
		EQPT132 30,300 gallon Water White Resin - Hydrocarbon Polymer Storage Tank (Proposed)
		EQPT133 30,300 gallon Water White Resin - Hydrocarbon Polymer Storage Tank (Proposed)
		EQPT143 35,000 gallon Water White Resin - Hydrocarbon Polymer Storage Tank
GRPT12	VOC Storage Tanks with condensers to control VOC emissions	EQPT109 39,718 gallon Hydrogenated Hydrocarbon Polymer Storage Tank equipped with Condenser C075-X4 (Ref. No.: AB-059)
		EQPT110 39,718 gallon Hydrogenated Hydrocarbon Polymer Storage Tank equipped with Condenser C075-X1 (Ref. No.: AB-060)
		EQPT111 39,718 gallon Hydrogenated Hydrocarbon Polymer Storage Tank equipped with Condenser C075-X2 (Ref. No.: AB-061)
		EQPT112 39,718 gallon Hydrogenated Hydrocarbon Polymer Storage Tank equipped with Condenser C075-X3 (Ref. No.: AB-063)
GRPT13	Boiler MACT - Subpart JJJJJJ Applicability	EQPT1 Cleaver Brooks 10 MMBTU/hr Hot Steam Boiler No. 1 fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HS-01)
		EQPT2 Cleaver Brooks 10 MMBTU/hr Hot Steam Boiler No. 2 fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HS-02)

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ID	Description	Components
GRPT13	Boiler MACT - Subpart JJJJJJ Applicability	EQPT5 Superior (Mohawk) 21 MMBTU/hr Hot Steam Boiler No.3 fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HS-03)
GRPT14	Boiler NSPS - Subpart Dc Applicability	EQPT148 First Thermal, IHEHC Series - 12.44 MMBTU/hr Hot Oil Boiler fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HO-06)
		EQPT5 Superior (Mohawk) 21 MMBTU/hr Hot Steam Boiler No.3 fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HS-03)
		EQPT6 GTS Energy 26 MMBTU/hr Hot Oil Boiler Fired with natural gas, No.2 fuel oil, or Zecosol (Reference No. HO-05)
GRPT15	Engine MACT - Subpart ZZZZ Applicability	EQPT7 1000 kW Diesel-Fired Emergency Generator Equipped with a 2,000 gallon Diesel Fuel Storage Tank (Reference No. Gen-02 & T-0095)
		EQPT8 250 kW Diesel-Fired Emergency Generator Equipped with a 420 gallon Diesel Fuel Storage Tank (Reference No. Gen-03 & T-0096)

KEY

ACT = Activity

AI = Agency Interest

AREA = Area

CAFO = Concentrated Animal Feeding Operation

CONT = Control Device

EQPT = Equipment

IA = Insignificant Activity

IMPD = Impoundment

MAFO = Animal Feeding Operation

PCS = PCS

RPNT = Release Point

TRMT = Treatment

WDPT = Withdrawal Point

GRPT0000000001 (AC-000) Fuel Combustion Units:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee is authorized to use either natural gas, No.2 fuel oil, and/or zecosol as fuel for the Emission Points AA-001, AA-002, AA-003, AA-018, AA-019, and AA-025. For Emission points AA-015 and AA-020, fuel other than No.2 Fuel Oil is prohibited. The sulfur content of the No.2 fuel oil shall not exceed 0.5% by weight. Total combined facility usage of No.2 fuel oil / zecosol shall not exceed 2,800,000 gallons in each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The Permittee shall be required to periodically test for the amount of sulfur present in zecosol to determine compliance with the facility-wide limitation of sulfur dioxide (SO2). The Permittee shall conduct this sulfur test at least once every six months in accordance with EPA approved test method or ASTM standard test method. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

Record-Keeping Requirements:

Condition No.	Condition
R-1	For each consecutive 12-month period, the permittee shall record and maintain records of the sulfur content of the No.2 fuel oil and zecosol used, the amount of each fuel type combusted, and the total SO2 emission rate in tons/year. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

GRPT0000000001 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall include the following information in the annual report required by the permit: (a) The total amount of each fuel combusted monthly and the total usage for each consecutive 12-month period, (b) The sulfur content of the No.2 fuel oil and zecosol combusted, and (c) The total SO2 emission rate in tons/year for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

GRPT0000000005 (AT-001) Volatile Organic Liquid Storage Tanks NSPS Subpart Kb Requirements:

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall keep copies of all records required by 60.116(b), except for the record required by condition R-2, for at least 2 years. [40 CFR 60.116b(a)]
R-2	For each storage vessel, the permittee shall keep readily accessible records showing the dimensions of the storage vessels and an analysis showing the capacity of each storage vessel. These records shall be kept for the life of the source. [40 CFR 60.116b(b)]
R-3	The permittee shall maintain a record of the Volatile Organic Liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period for each storage vessel. [40 CFR 60.116b(c)]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall notify the MDEQ personnel within 30 days when the maximum true vapor pressure of the liquid exceeds 27.6 kPa. [40 CFR 60.116b(d)]

Narrative Requirements:

Condition No.	Condition
T-1	Beginning upon receipt of certification of construction, Tanks T-0202 (EQPT132) and T-0203 (EQPT133) shall comply with the NSPS Subpart Kb requirements above. [11 Miss. Admin. Code Pt. 2, R. 2.5..D., 40 CFR 60.110b(a)]

GRPT0000000005 (continued):

Narrative Requirements:

Condition No.	Condition
T-2	Each storage vessel listed under GRPT 5 commenced, construction, or modification after July 23, 1984, and has a capacity greater than or equal to 75 cubic meters (19,813 gallons) but less than 151 cubic meters (39,890 gallons) storing a volatile organic liquid with a maximum true vapor pressure (Vp) greater than 15.0 Kilopascals (kPa) but less than 27.6 Kilopascals (kPa). These storage vessels are subject to and shall comply with the requirements of the New Source Performance Standards (NSPS) as described in 40 CFR 60, Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage vessels (including Petroleum Liquid Storage Vessels). The permittee shall not substitute any other volatile organic liquid in place of the permitted substances listed for each tank subject to Subpart Kb. [40 CFR 60.110b(a)]

GRPT0000000012 (AT-004) VOC Storage Tanks with condensers to control VOC emissions:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The vapor condensing system controls VOC emissions from the four (4) volatile organic liquid storage tanks. Each tank is equipped with a separate condenser. Emissions leaving the condensers are vented through the single, combined, emission point, prior to release to the atmosphere. The outlet gas temperature of the combined air stream leaving the three tanks (after the condensers) shall not exceed 30ºC, determined on a 12-month rolling average. An excursion is when any 12-month rolling average outlet gas temperature is >30ºC. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall monitor the temperature of the combined air streams from the condensing system at a minimum of three time per day (once per shift). The permittee shall calculate the average of these temperatures for each month and calculate the 12-month rolling average to demonstrate compliance with the temperature limit. The permittee shall calibrate the temperature measuring device annually to have accuracy of within (+/-) 2% of the temperature being recorded. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

GRPT0000000012 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall maintain records of the following information for each condenser. The information may be kept as hard copy or in electronic format as long as it is readiliy available for inspection. 1. Temperature of the combined outlet gas of the vapor condensing system; 2. Results of temperature measuring device calibration or replacement, including the date each calibration or replacement was performed and the name of the person conducting the calibration; 3. Inspection, operating and maintenance log - The date, time, and person conducting each daily inspection shall be recorded in the log. The records shall be updated every time there is maintenance or repair work conducted on the condensing system or if the condenser is not operating properly. The inspector shall determine and record whether there are any problems related to the condensers that would affect the operation of the condensing system. The log shall include the date any condenser is removed from service, the cause for removal from service, the date and description of maintenance or repair work performed, the date the condenser is put back into service, and the initials of the person conducting the inspection. 4. All records required herein and support information shall be maintained on site for inspection and shall be retained for a period of five years. [11 Miss. Admin. Code Pt. 2, Ch. 2. 2.2.B(11).]

GRPT0000000012 (continued):

Narrative Requirements:

Condition No.	Condition
T-1	Work Practice Standards and Operation and Maintenance Practices --- The condensers shall operate as follows: 1. The permittee shall properly install, operate, inspect and maintain the condensers in accordance with the manufacturer's specifications and written recommendations. The permittee shall properly operate the condensers at all times that the tanks are in operation or may contain volatile hydrocarbons. 2. All condenser-associated capture and air-handling equipment shall be in good repair and operating properly to allow hot vapors to be condensed by the condensers. 3. The condensers shall be inspected at least once per day. The inspector shall determine and record whether there are any problems related to the condensers. 4. Corrective action shall be taken immediately upon knowledge that any condenser is not operating properly. The permittee shall have routine condenser maintenance items located onsite or available locally to facilitate rapid repair. . [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

GRPT0000000013 (AG-001) Boiler MACT - Subpart JJJJJJ Applicability:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For Emission Points AA-001, AA-002, and AA-018, the permittee must conduct a tune-up of the boilers biennially to demonstrate continuous compliance as specified in (a) through (g) of this Condition. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up. (a) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inpection). (b) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available. (c) Inspect the system controlling the air-to-fuel ratio, as applicable, and insure that it is correctly calibrated and functioning properely (you may delay the inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection). (d) Optimize total emissions of CO. This optimization should be consistent with the manufacturer’s specifications, if available, and with any nitrogen oxide requirement to which the unit is subject. (e) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer. (f) Maintain on-site and submit, if requested by MDEQ, a report containing the following information listed in (1) through (3) of this section. (1) The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler. (2) A description of any corrective actions taken as a part of the tune-up of the boiler. (3) The type and amount of fuel used over the 12 months prior to the tune-up of the boiler, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel use by each unit. (g) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup. [40 CFR 63.11201(b), 40 CFR 63.11223(b), 40 CFR 63.Table 2]

GRPT0000000013 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-2		For Emission Points AA-001, AA-002, and AA-018, the permittee shall have a one-time energy assessment performed by a qualified energy assessor. An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements in Table 2 to Subpart JJJJJJ of 40 CFR Part 63, satisfies the energy assessment requirement. Energy assessor approval and qualification requirements are waived in instances where past or amended energy assessments are used to meet the energy assessment requirements. A facility that operates under an energy management program compatible with ISO 50001 that includes the affected units also satisfies the energy assessment requirement. The energy assessment must include the following with extent of the evaluation for items (a) to (d) appropriate for the on-site technical hours listed in §63.11237 and a copy of the energy assessment must be kept on site: (a) A visual inspection of the boiler system, (b) An evaluation of operating characteristics of the affected boiler systems, specifications of energy use systems, operating and maintenance procedures, and unusual operating constraints, (c) An inventory of major energy use systems consuming energy from affected boilers and which are under control of the boiler owner or operator, (d) A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage, (e) A list of major energy conservation measures that are within the facility's control, (f) A list of the energy savings potential of the energy conservation measures identified, (g) A comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments. [40 CFR 63.11201(b), 40 CFR 63.Table 2]
L-3		For Emission Points AA-001, AA-002, and AA-018, the permittee shall at all times operate and maintain the affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. [40 CFR 63.11205(b)]

GRPT0000000013 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-1	For Emission Points AA-001, AA-002, and AA-018, the permittee shall maintain the following records applicable for the oil-fired boilers. (a) As required in § 63.10(b)(2)(xiv), you must keep a copy of each notification and report that you submitted to comply with this subpart and all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted. (b) You must keep records to document conformance with the work practices, emission reduction measures, and management practices required by §63.11223 as specified in paragraphs (b)(i) and (ii) below. (i) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned. (ii) For each boiler required to conduct an energy assessment, you must keep a copy of the energy assessment report. (c) Records of the occurrence and duration of each malfunction of the boiler. (d) Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in § 63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation. [40 CFR 63.11225(c)]
R-2	For Emission Points AA-001, AA-002, and AA018, the permittee shall maintain records in a form suitable and readily available for expeditious review. The permittee shall keep each record for 5 years following the date of each recorded action. The permittee shall keep each record on-site or be accessible from a central location by computer or other means that instantly provide access at the site for at least 2 years after the date of each recorded action. Records may be kept offsite for the last three years. [40 CFR 63.11225(d)]

GRPT0000000013 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-1	For Emission Points AA-008 and AA-010, the permittee shall prepare, by March 1 of each year, and submit to the Department upon request, an annual compliance certification report for the previous calendar year containing the information specified in paragraphs (a) and (b) below: (a) Company name and address. (b) Statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. Your notification must include the following certification of compliance and signed by a responsible official: (i) "This facility complies with the requirements in §63.11223 to conduct biennial tune-ups for boilers AA-001, AA-002, and AA-018." [40 CFR 63.11225(b)]
S-2	For Emission Points AA-001, AA-002, and AA-018, the permittee shall submit a signed certification in the Notification of Compliance Status report that an energy assessent of the boiler and its energy use systems was completed according to Table 2 to Subpart JJJJJJ of 40 CFR Part 63 and is an accurant depiction of their facility. [40 CFR 63.11214(c)]

Narrative Requirements:

Condition No.	Condition
T-1	For Emission Points AA-001, AA-002, and AA-018, the permittee is subject to and shall comply with all applicable requirements of 40 CFR Part 63 Subpart JJJJJJ - National Emissions Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources, and 40 CFR Part 63, Subpart A - General Provisions. The Emission Points AA-001, AA-002, and AA-018, are the exisitng oil-fired boilers. The permittee shall comply with all Work Practice Standard(s), as applicable, in Table 2 to Subpart JJJJJJ of 40 CFR Part 63. [40 CFR 63.11193]

GRPT0000000014 (AG-002) Boiler NSPS - Subpart Dc Applicability:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		Emission Points AA-018, AA-019, and AA-025, are affected by and shall comply with the New Source Performance Standards for Small Industrial-Commercial-Institutional Steam Generating Units. The permittee may burn the following: (a) Natural Gas, (b) No. 2 diesel fuel with a maximum sulfur content of 0.5% (by weight), and/or (c) Zecosol. All other fuels are prohibited. The fuel oil sulfur limits apply at all times, including periods of startup, shutdown, and malfunction. [40 CFR 60.42c(d and i)]
L-2		Compliance with the fuel oil sulfur limit shall be determined based on a certification from the fuel supplier. [40 CFR 60.42c(h)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For Emission Points AA-018, AA-019, and AA-025, the permittee shall determine compliance with the fuel oil sulfur limit based on a certification from the fuel supplier, which includes the following information: (a) The name of the supplier; (b) A statement from the supplier that the fuel oil complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, "Standard Specification for Fuel Oils"; and (c) The sulfur content or maximum sulfur content of the oil. [40 CFR 60.48c(f)(1)]

GRPT0000000014 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall record and maintain records of the fuel supplier certifications for periods of firing fuel oil. [40 CFR 60.48c(e and f)]
R-2	The permittee shall record and maintain records of the amount of each fuel combusted during each day. As an alternative to meeting the daily records, the permittee may elect to record and maintain records of the amount of each fuel combusted on a monthly basis or the total amount of each fuel generated or delivered to the property during each calendar month. [40 CFR 60.48c(g)]
R-3	The permittee shall maintain all records under 40 CFR 60.48c for a period of two years following the date of such record. [40 CFR 60.48c(i)]

Submittal/Action Requirements:

Condition No.	Condition
S-1	As part of the annual report required herein, the permittee shall submit the reports required under § 60.48c including those specified above in condition "R-1 through R-3" and "M-1". [40 CFR 60.48c(j)]

Narrative Requirements:

Condition No.	Condition
T-1	The permittee is subject to and shall comply with the applicable requirements of the New Source Performance Standards specified in 40 CFR Part 60, Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units) and in 40 CFR Part 60, Subpart A (General Provisions). [40 CFR 60.40c(a)]

GRPT0000000015 (AE-001) Engine MACT - Subpart ZZZZ Applicability:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For Emission Points AA-015 and AA-020, the permittee must comply with the following except during periods of startup: (a) Change oil and filter every 500 hours of operation or annually, whichever comes first; (b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. The permittee may utilize an oil analysis program in order to extend the specified oil change requirement in (a) above, provided the analysis analyzes the parameters identified in §63.6625(i). [40 CFR 63.6603(a), 40 CFR 63_Subpart ZZZZ.Table 2d]
L-2		During periods of startup, the permittee shall minimize the engines time spent at idle and minimize the engines startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply. [40 CFR 63.6625(h)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall install a non-resettable hour meter, if not already installed. [40 CFR 63.6625(f)]
M-2		The permittee must operate and maintain the stationary RICE according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [40 CFR 63.6625(e)]

GRPT0000000015 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-3		The permittee shall operate the engine according to the following: (a) Any operation other than emergency operation, maintenance and testing and operation in non-emergency situations for 50 hours per year is prohibited; (b) There is no operating limit on the use of the engine during an emergency situation; (c) The engine may be operated for the purpose of maintenance checks and readiness testing in accordance with vendor, manufacturer, State or Federal recommendations. Such testing is limited to 100 hours per year. (d) The engine may be operated up to 50 hours per year in non-emergency situations; however, those 50 hours count towards the 100 hour limit in (c) above. The 50 hours per year for non-emergency operation cannot be used to cover the power usage provisions outlined in §63.6640(f)(4). [40 CFR 63.6640(f)((1)-(4))]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall maintain the following records and keep each readily accessible for at least five years after the date of each occurrence: (a) All maintenance records that demonstrate the engine was operated and maintained in accordance with the maintenance plan; (b) The hours of operation of the engine recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operation, including what classified the event as an emergency, and how many hours are non-emergency operations. [40 CFR 63.6655(e,f)]

GRPT0000000015 (continued):

Narrative Requirements:

Condition No.	Condition
T-1	For Emission Points AA-015 and AA-020, the permittee is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (40 CFR Part 63, Subpart ZZZZ). Emission Points AA-015 and AA-020 are existing emergency stationary compression ignition RICE units at an area source under NESHAP Subpart ZZZZ and as such must meet the applicable requirements of this part. [40 CFR 63.6585, 40 CFR 63.6590(a)(1)(iii)]

AI0000005572 Specialty Resin Manufacturing Facility:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: For the entire facility, the permittee shall not cause, permit, or allow the emission from any manufacturing process, in any one hour from any point source, particulate matter in total quantities in excess of the amount determined by the relationship E=4.1*p^0.67, where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour. [11 Miss. Admin. Code Pt. 2, R. 1.3.F(1)]
L-2		Facility-Wide Emission Limitations The permittee shall limit the facility's Sulfur Dioxide (SO2) emissions to no more than 99.4 tons/year (TPY) as determined for each consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-3		The maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations equal to or greater than 10 million Btu per hour heat input but less than 10,000 million Btu per hour heat input shall not exceed an emission rate as determined by the relationship E = 0.8808*(I)^-0.1667, where E is the emission rate in pounds per million Btu per hour heat input and I is the heat input in millions of Btu per hour. [11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b)]
L-4		The maximum opacity from any point source or emissions at any time shall not exceed 40% as determined by EPA Test Method 9, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, R. 1.3.B]
L-5		The maximum discharge of sulfur oxides from each fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).]

AI0000005572 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-1	For any proposed Emission Points, the permittee must provide in writing the date of startup for each emission point no later than ten days after the actual date of startup. For proposed tanks, startup shall be considered to occur upon conducting storage activities in the new tanks. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]
S-2	General Condition: Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) working days of the time the deviation began. [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]
S-3	Except as otherwise specified herein, the permittee shall Submit a certified annual synthetic minor monitoring report: Due annually, by the 31st of January for preceding calendar year. This report shall address any required monitoring specified in the permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(11).]

Narrative Requirements:

Condition No.	Condition
T-1	Resinall Mississippi, Inc. (Resinall) owns and operates a specialty resin manufacturing facility in Hattiesburg, MS. Resinall has a tenant on their property, Resinall QalicB LLC (RQB), that operates the Hydrogenated Hydrocarbon Resin Unit and associated equipment to hydrogenate resins to produce hydrogenated tackifier resins (HTRs). All resins produced at the RQB facility are then be conveyed to co-located Resinall for further manufacture prior to being shipped to customers. Although the hydrogenation process is owned and operated separately by RQB, RQB plant is considered a single stationary source with the existing Resinall facility and, thus, is permitted under this air permit. All pollutant-emitting activities from both operations (Resinall and RQB) shall be aggregated into a single stationary source for reporting total air emissions and to demonstrate compliance with the terms and conditions as defined in the Resinall Air Permit No. 0800-00009. Equipment owned & operated by RQB is listed under GRPT 10 of the subject item inventory. [11 Miss. Admin. Code Pt. 2, Ch. 2. 2.2.B(11)]
T-2	The operator of the equipment covered by this permit shall operate and maintain such equipment to assure that the emission rates will not, at any time, exceed the rates allowed by the Mississippi Air Emission Regulations. Regular maintenance shall be performed each month or more often if necessary to maintain proper operation of the pollution control equipment. Records of this maintenance shall be kept in log form and must be made available for review upon request during any inspection visit by Office of Pollution Control Personnel. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

AI0000005572 (continued):

Narrative Requirements:

Condition No.	Condition
T-3	The permittee shall maintain on hand at all times sufficient equipment as is necessary to repair and/or overhaul the pollution control equipment. In the event of a failure of the pollution control equipment, the permittee shall cease operations until such time as repairs are made and the proper efficiency of the pollution control equipment is restored. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
T-4	Dust from truck traffic and other fugitive emissions on plant property must be kept to a minimum. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
T-5	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]
T-6	General Condition: The permittee shall at all times maintain in good working order and operate as efficiently as possible all air pollution control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit. [11 Miss. Admin. Code Pt. 2, R. 2.5.A.]
T-7	General Condition: Solids removed in the course of control of air emissions shall be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering state waters without the proper environmental permits. [Miss. Code Ann. 49-17-29 1.a(i and ii)]
T-8	General Condition: Any diversion from or bypass of collection and control facilities is prohibited except as provided for in 11 Miss. Admin. Code Pt.2, R. 1.10, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", [11 Miss. Admin.Code Pt. 2, R.1.10.]
T-9	General Condition: Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule. [11 Miss. Admin.Code Pt. 2, R.2.10.]
T-10	General Condition: The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their authorized representatives, upon the presentation of credentials: (a) To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit, and (b) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air emission. [Miss. Code Ann. 49-17-21]

AI0000005572 (continued):

Narrative Requirements:

Condition No.	Condition
T-11	General Condition: After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to: (a) Violation of any terms or conditions of this permit (b) Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or (c) A change in any condition that required either a temporary or permanent reduction or elimination of authorized air emissions. [11 Miss. Admin.Code Pt. 2, R. 2.2.C.]
T-12	General Condition: This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for this permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. 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 condition of the permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]
T-13	General Condition: Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control. [Miss. Code Ann. 49-17-39]
T-14	General Condition: The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(c).]
T-15	General Condition: Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(7).]
T-16	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [11 Miss. Admin. Code Pt. 2, R. 2.16.B.]
T-17	General Condition: This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(1).]
T-18	General Condition: This permit is a Federally-approved permit to operate a synthetic minor source as described in 11 Miss. Admin. Code Pt. 2, R. 2.4.D [11 Miss. Admin.Code Pt. 2, R. 2.4.D.]

AI0000005572 (continued):

Narrative Requirements:

Condition No.	Condition
T-19	General Condition: The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(7).]
T-20	General Condition: The permittee shall furnish to MDEQ within a reasonable time any information MDEQ 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 MDEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to MDEQ along with a claim of confidentiality. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(d).]
T-21	General Condition: This permit does not authorize a modification as defined in 11 Miss. Admin. Code Pt. 2, Ch. 2 "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment". Modification is defined as "Any physical change in or change in the method of operation of a facility which increases actual emissions or potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include: (a) routine maintenance, repair, and replacement; (b) use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act; (c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act; (d) use of an alternative fuel or raw material by a stationary source which: (i) the source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166; or (ii) the source is approved to use under any permit issued under 40 CFR 52.51 or under regulations approved pursuant to 40 CFR 51.166; (e) an increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.51, or under regulations approved pursuant to Subpart I or 40 CFR 51.166; or (f) any change in ownership of the stationary source" [11 Miss. Admin.Code Pt. 2, R. 2.1.D(2).]
T-22	General Condition: 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 unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(a).]

AI0000005572 (continued):

Narrative Requirements:

Condition No.	Condition
T-23	General Condition: The permittee shall retain all required records, monitoring data, supported information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to MDEQ as required by Applicable Rules and Regulations or this permit upon request. [11 Miss. Admin.Code Pt. 2, R.2.9.]
T-24	General Condition: The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for constructing or operating without a valid permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).]
T-25	General Condition: Emergencies (a) Except as otherwise specified herein, an emergency means any situation arising from sudden and reasonably unforseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. (b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met. (c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence as follows: (i) an emergency occurred and that the permittee can identify the cause(s) of the emergency; (ii) the permitted facility was at the time being properly operated; (iii) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and (iv) the permittee submitted notice of the emergency to MDEQ within two (2) working days of the time when emission limitations were exceeded due to the emergency which contained a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. (d) In any enforcement proceeding, the permittee seeking to establish the occurrence of any emergency has the burden of proof. (e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]

AI0000005572 (continued):

Narrative Requirements:

Condition No.	Condition
T-26	General Condition: Upsets (a) The occurrence of an upset constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards or other requirements of Applicable Rules and Regulations or any applicable permit if the permittee demonstrates through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows: (i) an upset occurred and that the permittee can identify the cause(s) of the upset; (ii) the source was at the time being properly operated; (iii) during the upset the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the upset to the DEQ within five (5) working days of the time the upset began which contained a description of the upset, any steps taken to mitigate emissions, and corrective actions taken. (b) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof. (c) This provision is in addition to any upset provision contained in any applicable requirement. [11 Miss. Admin.Code Pt. 2, R.1.10.]
T-27	General Condition: Startups and Shutdowns (a) Startups and shutdowns are part of normal source operation. Emissions limitations applicable to normal operation apply during startups and shutdowns except as follows: (i) when sudden, unavoidable breakdowns occur during a startup or shutdown, the event may be classified as an upset subject to the requirements above; (ii) when a startup or shutdown is infrequent, the duration of excess emissions is brief in each event, and the design of the source is such that the period of excess emissions cannot be avoided without causing damage to equipment or persons; or (iii) when the emissions standards applicable during a startup or shutdown are defined by other requirements of Applicable Rules and Regulations or any applicable permit. (b) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof. (c) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]

AI0000005572 (continued):

Narrative Requirements:

Condition No.	Condition
T-28	General Condition: Maintenance (a) Maintenance should be performed during planned shutdown or repair of process equipment such that excess emissions are avoided. Unavoidable maintenance that results in brief periods of excess emissions and that is necessary to prevent or minimize emergency conditions or equipment malfunctions constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards, or other regulatory requirements if the permittee can demonstrate the following: (i) the permittee can identify the need for the maintenance; (ii) the source was at the time being properly operated; (iii) during the maintenance the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the maintenance to MDEQ within five (5) working days of the time the maintenance began or such other times as allowed by MDEQ, which contained a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken. (b) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof. (c) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]
T-29	General Condition: For renewal of this permit the applicant shall make application not less than one-hundred eighty (180) days prior to the expiration date of the permit substantiated with current emissions data, test results or reports or other data as deemed necessary by the Mississippi Environmental Quality Permit Board. [11 Miss. Admin.Code Pt. 2, R.2.8.]

AREA0000000004 (AA-014) Loading/Unloading Operations. This emissions point comprises eight (8) railcar (Reference No. LR-1 to 8) loading/unloading stations.:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The loading stations shall transfer/load no more than 1,150,000 gallons of a hydrocarbon intermediate product in each consecutive 12-month period. The loading station includes that portion of the Loading/Unloading Operation where the resin products are transferred to a railcar. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).]

Record-Keeping Requirements:

Condition No.	Condition
R-1	For each consecutive 12-month period, the permittee shall maintain sufficient records for this Emission Point documenting the following information: (a) total gallons of hydrocarbon products transferred/loaded; (b) the VOC and HAP content of the hydrocarbon intermediate product(s) transferred; (c) the total VOC and HAP emission rate in tons/year. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]
R-2	The permittee shall maintain on site a list of all hydrocarbon products, and all records, data and calculations used to determine the VOC and the HAP emissions. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

Submittal/Action Requirements:

Condition No.	Condition
S-1	As part of the annual report required herein, the permittee shall submit the total amounts (gallons) of each hydrocarbon product transferred/loaded, the VOC and HAP content of each hydrocarbon intermediate product transferred/loaded, the total VOC and HAP emission rate in tons per year, and a description of the method(s) used to determine the VOC and HAP data and the emission rates. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

EQPT0000000154 (AA-026) 186 KW (250 HP) Diesel-Fired Pump Engine to Provide Power to Pump Water for Fire Suppression or Protection (Ref No.: FWP-01):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For Emission Point AA-026, the permittee must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. In accordance with 40 CFR 80.510(b), engines must use a fuel that meets the following: 1) a maximum sulfur content of 15 ppm or less and 2) either a minimum cetane index of 40 or a maximum aromatic content of 35 percent by volume. [40 CFR 60.4207(b)]
L-2		For Emission Point AA-026, the permittee shall comply with the following emission standards in table 4 to Subpart IIII of 40 CFR Part 60, for Particulate Matter (PM) and Non-Methane HydroCarbon + Nitrogen oxide (NMHC+NOX): PM: 0.20 g/KW-hr (0.15 g/HP-hr) NMHC+NOx: 4.0 g/KW-hr (3.0 g/HP-hr) For fire pump engines that are manufactured in or after the model years specified in Table 3 of the Subpart IIII, the permittee must comply with the emission standards by purchasing an engine certified to the applicable emission standards from Table 4 to Subpart IIII, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. The engine must be installed and configured according to the manufacturer's specifications. [40 CFR 60.4205(c), 40 CFR 60.4211(c)]
L-3		Operation Limitation: The permittee shall operate the engine according to the following: (a) Any operation other than emergency operation, maintenance and testing and operation in non-emergency situations for 50 hours per year is prohibited; (b) There is no operating limit on the use of the engine during an emergency situation; (c) Engine may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year; (d) The engine may be operated up to 50 hours per year in non-emergency situations; however, those 50 hours count towards the 100 hour limit in (c) above. [40 CFR 60.4211(f)]

EQPT0000000154 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-4		The permittee must operate and maintain the engine according to manufacturer's emission-related written procedures for the life of the engine to maintain compliance with the emission standards. In addition, the permittee may only change those settings that are permitted by the manufacturer. The permittee must also meet the requirements of 40 CFR Parts 89, 94, and/or 1068, as applicable. [40 CFR 60.4206, 40 CFR 60.4211(a)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall install a non-resettable hour meter prior to startup of the engine. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

Record-Keeping Requirements:

Condition No.	Condition
R-1	For Emission Point AA-026, the permittee must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettabale hour meter. The permittee must record the time of operation of the engine and the reason the engine was in operation during that time. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

EQPT0000000154 (continued):

Narrative Requirements:

Condition No.	Condition
T-1	For Emission Point AA-026, the permittee is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (40 CFR Part 63, Subpart ZZZZ). Emission Point AA-026 is new stationary compression ignition RICE unit located at an area source and per 63.6590(c) must comply with Subpart ZZZZ by meeting the applicable requirements of 40 CFR Part 60, Subpart IIII, New Source Performance Standards for Stationary Compression Ignition Internal Combustion Engines. This unit has no other requirements under NESHAP Subpart ZZZZ. [40 CFR 63.6585, 40 CFR 63.6590(a)(2)(iii), 40 CFR 63.6590(c)(1)]
T-2	For Emission Point AA-026, the permittee is subject to and shall comply with the applicable requirements of the New Source Performance Standards (NSPS) for Stationary Compression Ignition Internal Combustion Engines (CI ICE) (40 CFR Part 60, Subpart IIII) and shall comply with the General Provisions (40 CFR Part 60, Subpart A) as required in Table 8 to NSPS Subpart IIII. [40 CFR 60.4200(a)(2)(ii)]

EQPT0000000155 (AA-027) 40 KW (54 HP) Natural Gas-Fired Emergency Generator (Ref. No.: EG-04):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		Operation Limitation: The permittee shall operate the engine according to the following: (a) Any operation other than emergency operation, maintenance and testing and operation in non-emergency situations for 50 hours per year is prohibited; (b) There is no operating limit on the use of the engine during an emergency situation; (c) Engine may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year; (d) The engine may be operated up to 50 hours per year in non-emergency situations; however, those 50 hours count towards the 100 hour limit in (c) above. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity; (e) The engine may operate using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations, but must keep records of such use. If propane is used for more than 100 hours per year in an engine that is not certified to the emission standards when using propane, the permittee shall be required to conduct a performance test to demonstrate compliance with the emission standards as specified in Condition No. L-2. [40 CFR 60.4243(d), 40 CFR 60.4243(e), 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-2		For Emission Point AA-027, the permittee shall comply with the following applicable emission standards for Nitrogen Oxides (NOx) and Carbon Monoxide (CO) in accordance to Table 1 of 40 CFR 60 Subpart JJJJ. NOx: 10 g/HP-hr CO: 387.0 g/HP-hr Note that the NOx standards for emergency engines between 25 HP and 130 HP are in terms of NOx + HydroCarbons (HC). [40 CFR 60.4233(d)]
L-3		The permittee must operate and maintain the engine to achieve the emission standards as required in §60.4233 over the entire life of the engine. [40 CFR 60.4234]

EQPT0000000155 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-4		The permittee shall demonstrate compliance with the emission standards specified in Permit Comdition No. L-2 by purchasing an engine certified according to procedures specified in 40 CFR 60 Subpart JJJJ, for the same model year and demonstrating compliance according to one of the methods specified in §60.4243(a). If purchasing a non-certified engine, the permitte shall demonstrate compliance with the emission standards specified in Condition No. L-2 in accordance to the requirements specified in §60.4244, as applicable, and according to paragraph (b)(2)(i) and (ii) of §60.4243. [40 CFR 60.4243(b)(1), 40 CFR 60.4243(b)(2)(i)-(ii)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall install a non-resettable hour meter. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee must keep records of the following information: a. All notifications submitted to comply with this subpart and all documentation supporting any notification. b. Maintenance conducted on the engine. c. If the engine is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 C.F.R. parts 90, 1048, 1054, and 1060, as applicable. d. If the engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to 40 C.F.R. §60.4243(a)(2), documentation that the engine meets the emission standards. [40 CFR 60.4245(a)]

EQPT0000000155 (continued):

Record-Keeping Requirements:

Condition No.	Condition
R-2	The permittee must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter and the reason the engine was in operation. In addition, the permittee must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).]

Narrative Requirements:

Condition No.	Condition
T-1	For Emission Point AA-027, the permittee is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (40 CFR Part 63, Subpart ZZZZ). Emission Point AA-027 is new stationary spark ignition RICE unit located at an area source and per 63.6590(c) must comply with Subpart ZZZZ by meeting the applicable requirements of 40 CFR Part 60, Subpart JJJJ, New Source Performance Standards for Stationary Spark Ignition Internal Combustion Engines. This unit has no other requirements under NESHAP Subpart ZZZZ. [40 CFR 63.6585, 40 CFR 63.6590(a)(2)(iii)]
T-2	For Emission Point AA-027, the permittee is subject to and shall comply with the applicable requirements of the New Source Performance Standards (NSPS) for Stationary Spark Ignition Internal Combustion Engines (SI ICE) (40 CFR Part 60, Subpart JJJJ) and shall comply with the General Provisions (40 CFR Part 60, Subpart A) as required in Table 3 of 40 CFR 60 Subpart JJJJ. [40 CFR 60.4246]

GENERAL INFORMATION

Resinall Mississippi Inc
102 Dixie Pine Road
Hattiesburg, MS
Forrest County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
5572	Resinall Mississippi, Inc.	Official Site Name	3/1/1982	
2803500009	Resinall Mississippi Inc	Air-AIRS AFS	10/12/2000	
MSD981026743	Resinall Mississippi, Inc.	Hazardous Waste-EPA ID	10/12/2000	
080000009	Resinall Mississippi, Inc.	Air-State Operating	6/9/1987	6/1/1990
080000009	Resinall Mississippi, Inc.	Air-State Operating	4/23/1996	5/1/2001
080000009	Resinall Mississippi, Inc.	Air-State Operating	3/20/2000	5/1/2001
080000009	Resinall Mississippi, Inc.	Air-Construction	2/25/1997	2/25/1997
080000009	Resinall Mississippi, Inc.	Air-State Operating	2/25/1997	5/1/2001
080000009	Resinall Mississippi, Inc.	Air-State Operating	9/15/1997	5/1/2001
080000009	Resinall Mississippi, Inc.	Air-Construction	6/4/1997	6/4/1997
080000009	Resinall Mississippi, Inc.	Air-Construction	9/15/1997	9/15/1997
080000009	Resinall Mississippi, Inc.	Air-State Operating	6/4/1997	5/1/2001
080000009	Resinall Mississippi, Inc.	Air-State Operating	11/10/1999	5/1/2001
080000009	Resinall Mississippi, Inc.	Air-Construction	11/10/1999	
080000009	Resinall Mississippi, Inc.	Air-State Operating	5/15/2000	5/1/2001
MSR110020	Resinall Mississippi, Inc.	GP-Sara Title III	7/14/1992	10/20/2000
MSP090198	Resinall Mississippi, Inc.	Water - Pretreatment	2/27/1996	2/26/2001
MS0001457	Resinall Mississippi, Inc.	Water - NPDES	3/1/1982	6/30/1986
MSP090198	Resinall Mississippi, Inc.	Water - Pretreatment	2/1/2001	12/28/2005
080000009	Resinall Mississippi, Inc.	Air-Synthetic Minor Operating	5/31/2001	4/9/2006
MSR110020	Resinall Mississippi, Inc.	GP-Baseline	10/20/2000	12/1/2005
MSR110020	Resinall Mississippi, Inc.	GP-Baseline	12/1/2005	9/30/2010
MSP090198	Resinall Mississippi Inc	Water - Pretreatment	12/29/2005	11/30/2010

GENERAL INFORMATION

ID	Alternate/Historic Name	User Group	Start Date	End Date
080000009	Resinall Mississippi, Inc.	Air-Synthetic Minor Operating	4/10/2006	3/31/2011
MSR110020	Resinall Mississippi, Inc.	GP-Baseline	11/15/2010	9/28/2015
MSP090198	Resinall Mississippi Inc	Water - Pretreatment	5/6/2011	4/30/2016
080000009	Resinall Mississippi Inc	Air-Synthetic Minor Operating	5/26/2011	4/30/2016
MSR000105858	Resinall Qalic B	Hazardous Waste-EPA ID	10/29/2012	
MSR110020	Resinall Mississippi, Inc.	GP-Baseline	1/11/2016	10/31/2020

Basin: Pascagoula River Basin

Location Description: PG- Plant Entrance (General). Data collected by Scott Mills on 9/14/2004. Elevation 140 feet.