BOBBY JINDAL
GOVERNOR

PEGGY M. HATCH
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Agency Interest No. 166443
Activity No.: PER20090001

Mr. Peter Nichols
SNF Holding Company
Post Office Box 250
Riceboro, Georgia 31323

RE: Part 70 operating permit (including Nonattainment New Source Review and Prevention of Significant Deterioration Provisions), Flopam Inc., Plaquemine, Iberville Parish, Louisiana

Dear Mr. Peter Nichols:

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 _____ of _____, 2015, 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 number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2010.

Permit No.: 1280-00141-V0

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

CSN/DCN
cc: EPA Region 6

AIR PERMIT BRIEFING SHEET
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

FLOPAM INC.
AGENCY INTEREST NO. 166443
PLAQUEMINE, IBERVILLE PARISH, LOUISIANA

I. Background

Flopam Inc. proposes to construct and operate a manufacturing complex near Plaquemine, Iberville Parish.

II. Origin

A permit application dated August 20, 2009 as well as additional information dated November 20, 2009, December 4, 2009, and February 19, 2010 were submitted requesting a Part 70 operating permit.

III. Description

The proposed Flopam Facility will consist of the Acrylamide Plant, Powder Plant, Diallyldimethylammoniumchloride (DADMAC) Plant, Specialty Products Plant, Emulsion Plant, a Polyamine Plant, Dimethylamineoethylacrylate (ADAM) Plant, Chloromethylation (CM) Plant, Acrylamido Tertio Butyl Sulfonate (ATBS) Plant, and auxiliary and miscellaneous equipment. Production from the Acrylamide, CM, ADAM, and ATBS Plants will primarily be used as raw materials for other facility operations.

1. Acrylamide Plant:

Acrylonitrile, dilute sodium acrylate solution, water, and biocatalyst will be fed to the reactors. Sodium hydroxide will be used to maintain desired pH. The products will be an aqueous acrylamide solution with trace of acrylonitrile and spent catalyst. Catalyst will be separated for disposal as necessary. Acrylamide products will be stored in day tanks and then pumped to bulk storage tanks which will be sparged with air to inhibit polymerization. Acrylamide will periodically be transferred offsite or used as raw materials for other processes. Water scrubbers will be used to control emissions from tanks and process areas. The Acrylamide Plant will consist of up to five production lines.

2. Powder Plant:

The Powder Plant will use acrylamide, sodium hydroxide, acrylic acid, and cationic monomers to produce polyacrylamide powder flocculants. Raw materials will be mixed in a dissolution tank and then transferred to the reactor for polymerization. The gel product will be ground into small particles and dried. The dried product will be screened, bagged, and then shipped out to customers. Particulate emissions from screening, bagging, re-bagging, truck loading, silos, and product handling operations will be controlled by dust collectors. The Powder Plant will consist of up to ten production lines.

3. Diallyldimethylammoniumchloride (DADMAC) Plant:

Dimethylamine (DMA), allyl chloride (AC), and sodium hydroxide will be charged to a reactor to produce diallyldimethylammoniumchloride (DADMAC). Solids (salts) from the reaction mass will be removed while water and allyl alcohol will be recovered via distillation. Vent from the reactor may be condensed prior to combustion in the thermal oxidizer which will be followed by a water scrubber. DADMAC monomer will be

transferred to a reactor for polymerization. The DADMAC polymer will be sent to storage tank and then packed in drums, totes, or shipped offsite in tank trucks. The DADMAC Plant will consist of up to two production lines.

4. Specialty Products Plant:

DADMAC, calcium chloride, and catalyst will be used to produce "base" at the Specialty Products Plant. The reaction mass will be neutralized using hydrochloric acid and caustic solution, concentrated, and stored in tanks. The reactors and the neutralization and adjustment tanks will be controlled by scrubbers. The Specialty Products Plant may be used as an emulsion production line.

5. Emulsion Plant:

Emulsified cationic, anionic, and nonionic polyacrylamide polymers will be produced at the Emulsion Plant. Raw materials, including acrylamide and a base, such as sodium hydroxide (for anionic polyacrylamide polymers), cationic monomer (for cationic polyacrylamide polymers) will be mixed in a dissolution tank and then transferred to the reactor along with oil, surfactant, and catalysts. The reaction mass will be filtered prior to storage or packaging. The Emulsion Plant will consist of up to ten production lines. Two lines will be designated to use ammonium hydroxide as the base and will be equipped with water scrubbers for odor control.

6. Polyamine Plant:

After charging the reactor with ethylenediamine (EDA) and dimethylamine (DMA), Epichlorohydrin (EPI) will be added to start the reaction. The polyamine product will be collected, stored in tanks prior to shipping or packaging. Reactor vent will be controlled by a water scrubber. The Polyamine Plant will consist of two production lines.

7. Dimethylamineoethylacrylate (ADAM) Plant:

ADAM will be produced via transesterification by reacting an acrylate ester (methyl acrylate (MA) or ethyl acrylate (EA)) with an alcohol (dimethylamineoethanol (DMOH)) to produce the product ester (ADAM) and a co-product alcohol (methanol or ethanol). Raw material will be charged into a reactor. The reaction mass will be distillated to remove the alcohol co-product which will then be sold or burned in the on-site boilers. The product will be refined by distillation and then stored. Vents from the process will be controlled by a thermal oxidizer as required by 40 CFR 63 Subpart FFFF (MON).

8. Chloromethylation (CM) Plant:

This chloromethylation process will produce dimethylamineoethylacrylate - methyl chloride (ADAM-MeCl) or dimethylamineoethylmethacrylate - methyl chloride (MADAM-MeCl) using MeCl, ADAM, and MADAM. ADAM-MeCl and MADAM-MeCl are cationic monomers that will be used in other facility processes or sold as products. Vent from the reactor will be burned in the thermal oxidizer which will be followed by a wet scrubber.

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9. Acrylamido Tertio Butyl Sulfonate (ATBS) Plant:

ATBS will primarily be produced as a raw material for other facility processes. Water, oleum, and acrylonitrile will be mixed. Isobutene will be added later to form ATBS. The slurry reaction mass will be filtered, washed, and dried. The dried ATBS will be conveyed to silos and then packaged. Acrylonitrile from various steps of the process will be recovered, neutralized, filtered, stripped, and stored for reuse. Vent from the process will be controlled by the ADAM thermal oxidizer. Particulate emissions from the ATBS conveyor, silos, and packaging operations will be controlled by dust collectors.

10. Auxiliary and Miscellaneous Equipment:

Auxiliary equipment will consists of up to ten 25.1 MM BTU/hr boilers and four ethylene glycol tanks for the chilled coolant system.

Permitted emissions in tons per year will be as follows:

Pollutant	Emissions
PM	29.58
PM_{10}	27.68
$PM_{2.5}$	7.76
SO_2	9.42
NO_X	131.15
CO	207.92
VOC	127.34
LAC 33:III Chapter 51 Regulated Toxic Air Pollutants (TAP)	
Acrylamide	8.057
Acrylic Acid	65.78
Acrylonitrile	8.455
Allyl Chloride	3.38
Epichlorohydrin	0.36
Ethyl Acrylate	1.24
n-Hexane	1.94
Methanol	1.00
Methyl Chloride	0.45
Ammonia	1.06
Chlorine	4.35
Hydrochloric Acid	2.08
Sulfuric Acid/SO3	0.02

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IV. Type of Review

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations, NESHAP, and NSPS.

The facility is major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. The Powder Plants convert acrylamide, a Class II TAP with an MER of 25 lbs/yr, into a polyacrylamide powder. LDEQ has determined that the particulate emissions from handling polyacrylamide powder may still retain its toxic characteristics if inhaled or ingested. Therefore, MACT is required for polyacrylamide powder (PM/PM_{10}) emissions.

For VOC emissions which contain Class I and Class II TAPs, MACT is required. These streams are also required to be controlled to the LAER. LAER for these streams must be equal or more stringent than MACT. However, to minimize the impact of TAP emissions on Ambient Air Standards, MACT is determined as LAER.

Non-attainment New Source Review (NNSR):

The proposed facility will be located near Plaquemine, in the Iberville Parish, which is a part of the Baton Rouge non-attainment area for ozone. NO_X and VOC (precursors for ozone) emissions will be above the non-attainment area major source thresholds. A netting analysis is required for NO_X and VOC. There is no creditable reduction during the contemporaneous period. Net NO_X and VOC emissions will be more than the NNSR significance levels. An NNSR was performed and detailed in Section XII of this permit.

Prevention of Significant Deterioration (PSD) Review:

NO_X, CO, and VOC emissions from the proposed facility will be more than the PSD major source threshold. Emissions of PM and PM_{10} will be more than the respective PSD significance levels. $PM_{2.5}$ emissions will not be above their PSD significance level. VOC is a precursor of ozone which is subject to NNSR analysis. Therefore, VOC is exempt from PSD review. A PSD analysis was required for PM, PM_{10}, NO_X, and CO emissions from this proposed facility. A PSD analysis was performed, documented in PSD-LA-747, and incorporated into Section XIII of this permit.

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.

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VI. Public Notice

A notice requesting public comment on the proposed permit was published in *The Advocate*, Baton Rouge, and in the *Post-South*, Plaquemine, on XXXX. The notice was also mailed to individuals and organizations on the mailing list of the facility and published in the Office of Environmental Services Public Notice Mailing List. The permit application, the proposed permit, and the Statement of Basis were submitted to the Iberville Parish Library - Headquarters. The proposed permits and the Statement of Basis were submitted to United States Environmental Protection Agency (US EPA) Region 6.

To provide the public an opportunity to comment on the proposed permits, a public hearing was held on XXX, XXX, 2010, beginning at 6:00 p.m., at the XXX. All comments will be considered prior to a permit decision.

VII. Effects on Ambient Air

Emissions from the proposed facility will not cause or contribute to any National Ambient Air Standards (NAAQS) or Louisiana Ambient Air Standards (AAS) exceedances.

Dispersion Model Used: AERMOD

Pollutant	Averaging Period	Calculated Maximum Ground Level Concentration ($\mu g/m^3$)	NAAQS or (AAS) ($\mu g/m^3$)
PM_{10}	24 hour	* 4.97	150
	Annual	* 1.14	50
NO_2	Annual	64.1	100
CO	1 hour	* 95.7	40.000
	8 hour	* 55.0	10.000
Acrylamide	Annual	0.077	(0.08)
Acrylic Acid	8 hour	* 84.8	(140)
Acrylonitrile	Annual	* 0.80	(1.47)
Allyl Chloride	8 hour	* 18.9	(71.4)
Ammonia	8 hour	* 79.5	(640)
Chlorine	8 hour	* 9.9	(35.7)
Ethyl Acrylate	8 hour	* 12.9	(476)
Hydrochloric Acid	8 hour	* 15.0	(180)

(*) Maximum ground level concentrations calculated for screening analyses.
If calculated concentrations were less than defined levels (e.g., significant impact levels for NAAQS, 7.5% of AAS, etc.), then background concentrations and/or emissions from off-property sources were not required to be included in further calculation of maximum ground level concentrations.

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VIII. General Condition XVII Activities

This permit does not include any General Condition XVII Activities

IX. Insignificant Activities (LAC 33:III.501.B.5)

ID No.:	Description	Capacity	Citation
TEX1 – TEX10	Process Oil Tanks	528 gallons each	A.3
TAAW1 – TAAW5	AM Weak Acrylic Acid Tanks	2642 gallons each	A.3
TSA1 – TSA10	Sodium Acrylate Tanks	5283 gallons each	A.3
TEV1	EM Evaporator Bottoms Tank	5283 gallons	A.3
TDD1	SP DADMAC Tank	7925 gallons	A.3
TED1	Ethylenediamine Tank	8000 gallons	A.3
TSH1 – TSH22	Caustic Tanks		A.4
TSHC1 – TSHC2	Sodium Hypochlorite Tanks		A.4
TCAOH1	Calcium Hydroxide Tank		A.4
	Laboratory Equipment		A.6
	Portable Temporary Fuel Tanks		A.8
TSF1 – TSF8	EM Surfactant Tanks		A.10
	Catalyst Charging		A.11

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0001	TNA1 - Sodium Acrylate Prep Tank TNA1		3										1			
EQT 0002	TNA2 - Sodium Acrylate Prep Tank TNA2		3										1			
EQT 0003	TNA3 - Sodium Acrylate Prep Tank TNA3		3										1			
EQT 0004	TNA4 - Sodium Acrylate Prep Tank TNA4		3										1			
EQT 0005	TNA5 - Sodium Acrylate Prep Tank TNA5		3										1			
EQT 0006	TAA5 - Acrylamide Plant - Acrylic Acid Storage Tank TAA5		3										1			
EQT 0007	TAA6 - Acrylamide Plant - Acrylic Acid Storage Tank TAA6		3										1			
EQT 0008	TAA7 - Acrylamide Plant - Acrylic Acid Storage Tank TAA7		3										1			
EQT 0009	TAA8 - Acrylamide Plant - Acrylic Acid Storage Tank TAA8		3										1			
EQT 0010	TAA9 - Acrylamide Plant - Acrylic Acid Storage Tank TAA9		3										1			
EQT 0011	TAD1 - Acrylamide Plant - Acrylamide Day Tank TAD1		3										1			
EQT 0012	TAD2 - Acrylamide Plant - Acrylamide Day Tank TAD2		3										1			
EQT 0013	TAD3 - Acrylamide Plant - Acrylamide Day Tank TAD3		3										1			
EQT 0014	TAD4 - Acrylamide Plant - Acrylamide Day Tank TAD4		3										1			
EQT 0015	TAD5 - Acrylamide Plant - Acrylamide Day Tank TAD5		3										1			
EQT 0016	TAD6 - Acrylamide Plant - Acrylamide Day Tank TAD6		3										1			
EQT 0017	TAD7 - Acrylamide Plant - Acrylamide Day Tank TAD7		3										1			
EQT 0018	TAD8 - Acrylamide Plant - Acrylamide Day Tank TAD8		3										1			
EQT 0019	TAD9 - Acrylamide Plant - Acrylamide Day Tank TAD9		3										1			
EQT 0020	TAD10 - Acrylamide Plant - Acrylamide Day Tank TAD10		3										1			
EQT 0021	TAD11 - Acrylamide Plant - Acrylamide Day Tank TAD11		3										1			
EQT 0022	TAD12 - Acrylamide Plant - Acrylamide Day Tank TAD12		3										1			
EQT 0023	TAD13 - Acrylamide Plant - Acrylamide Day Tank TAD13		3										1			
EQT 0024	TAD14 - Acrylamide Plant - Acrylamide Day Tank TAD14		3										1			
EQT 0025	TAD15 - Acrylamide Plant - Acrylamide Day Tank TAD15		3										1			
EQT 0026	TAM1 - Acrylamide Plant - Acrylamide Storage Tank TAM1		3										1			
EQT 0027	TAM2 - Acrylamide Plant - Acrylamide Storage Tank TAM2		3										1			
EQT 0028	TAM3 - Acrylamide Plant - Acrylamide Storage Tank TAM3		3										1			

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		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0029	TAM4 - Acrylamide Plant - Acrylamide Storage Tank TAM4		3										1			
EQT 0030	TAM5 - Acrylamide Plant - Acrylamide Storage Tank TAM5		3										1			
EQT 0031	TAM6 - Acrylamide Plant - Acrylamide Storage Tank TAM6		3										1			
EQT 0032	TAM7 - Acrylamide Plant - Acrylamide Storage Tank TAM7		3										1			
EQT 0033	TAM8 - Acrylamide Plant - Acrylamide Storage Tank TAM8		3										1			
EQT 0034	TAM9 - Acrylamide Plant - Acrylamide Storage Tank TAM9		3										1			
EQT 0035	TAM10 - Acrylamide Plant - Acrylamide Storage Tank TAM10		3										1			
EQT 0036	AMC1 - Acrylamide Plant AML1 - Equipment Downstream of Reactors Handling Acrylamide												1			
EQT 0037	AMC2 - Acrylamide Plant AML2 - Equipment Downstream of Reactors Handling Acrylamide												1			
EQT 0038	AMC3 - Acrylamide Plant AML3 - Equipment Downstream of Reactors Handling Acrylamide												1			
EQT 0039	AMC4 - Acrylamide Plant AML4 - Equipment Downstream of Reactors Handling Acrylamide												1			
EQT 0040	AMC5 - Acrylamide Plant AML5 - Equipment Downstream of Reactors Handling Acrylamide												1			
EQT 0041	SC-AMT1 - Acrylamide Plant AML1- Day Tanks Scrubber SC-AMT1												1			
EQT 0042	SC-AMT2 - Acrylamide Plant AML2- Day Tanks Scrubber SC-AMT2												1			
EQT 0043	SC-AMT3 - Acrylamide Plant AML3- Day Tanks Scrubber SC-AMT3												1			
EQT 0044	SC-AMT4 - Acrylamide Plant AML4- Day Tanks Scrubber SC-AMT4												1			
EQT 0045	SC-AMT5 - Acrylamide Plant AML5- Day Tanks Scrubber SC-AMT5												1			
EQT 0046	SC-AM1 - Acrylamide Plant AML1- Reactor AMR1 / Scrubber SC-AM1												1			
EQT 0047	SC-AM2 - Acrylamide Plant AML2- Reactor AMR2 / Scrubber SC-AM2												1			
EQT 0048	SC-AM3 - Acrylamide Plant AML3- Reactor AMR3 / Scrubber SC-AM3												1			
EQT 0049	SC-AM4 - Acrylamide Plant AML4- Reactor AMR4 / Scrubber SC-AM4												1			
EQT 0050	SC-AM5 - Acrylamide Plant AML5- Reactor AMR5 / Scrubber SC-AM5												1			
EQT 0051	SC-AMST1 - Acrylamide Plant - Acrylamide Storage Tanks Scrubber SC-AMST1															

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ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0052	POD01 - Powder Plant - Dissolution Tanks POD01	1	3													
EQT 0053	POD02 - Powder Plant - Dissolution Tanks POD02	1	3													
EQT 0054	POD03 - Powder Plant - Dissolution Tanks POD03	1	3													
EQT 0055	POD04 - Powder Plant - Dissolution Tanks POD04	1	3													
EQT 0056	POD05 - Powder Plant - Dissolution Tanks POD05	1	3													
EQT 0057	POD06 - Powder Plant - Dissolution Tanks POD06	1	3													
EQT 0058	POD07 - Powder Plant - Dissolution Tanks POD07	1	3													
EQT 0059	POD08 - Powder Plant - Dissolution Tanks POD08	1	3													
EQT 0060	POD09 - Powder Plant - Dissolution Tanks POD09	1	3													
EQT 0061	POD10 - Powder Plant - Dissolution Tanks POD10	1	3													
EQT 0062	POR01 - Powder Plant - Reactors POR01	1														
EQT 0063	POR02 - Powder Plant - Reactors POR02	1														
EQT 0064	POR03 - Powder Plant - Reactors POR03	1														
EQT 0065	POR04 - Powder Plant - Reactors POR04	1														
EQT 0066	POR05 - Powder Plant - Reactors POR05	1														
EQT 0067	POR06 - Powder Plant - Reactors POR06	1														
EQT 0068	POR07 - Powder Plant - Reactors POR07	1														
EQT 0069	POR08 - Powder Plant - Reactors POR08	1														
EQT 0070	POR09 - Powder Plant - Reactors POR09	1														
EQT 0071	POR10 - Powder Plant - Reactors POR10	1														
EQT 0072	POG01 - Powder Plant - Grinders POG01	1								1						
EQT 0073	POG02 - Powder Plant - Grinders POG02	1								1						
EQT 0074	POG03 - Powder Plant - Grinders POG03	1								1						
EQT 0075	POG04 - Powder Plant - Grinders POG04	1								1						
EQT 0076	POG05 - Powder Plant - Grinders POG05	1								1						
EQT 0077	POG06 - Powder Plant - Grinders POG06	1								1						
EQT 0078	POG07 - Powder Plant - Grinders POG07	1								1						
EQT 0079	POG08 - Powder Plant - Grinders POG08	1								1						

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0080	POG09 - Powder Plant - Grinders POG09	1								1						
EQT 0081	POG10 - Powder Plant - Grinders POG10	1								1						
EQT 0082	POD01A - Powder Plant - Dryers Line A POD01A	1							1	1						
EQT 0083	POD01B - Powder Plant - Dryers Line B POD01B	1							1	1						
EQT 0084	POD02A - Powder Plant - Dryers Line A POD02A	1							1	1						
EQT 0085	POD02B - Powder Plant - Dryers Line B POD02B	1							1	1						
EQT 0086	POD03A - Powder Plant - Dryers Line A POD03A	1							1	1						
EQT 0087	POD03B - Powder Plant - Dryers Line B POD03B	1							1	1						
EQT 0088	POD04A - Powder Plant - Dryers Line A POD04A	1							1	1						
EQT 0089	POD04B - Powder Plant - Dryers Line B POD04B	1							1	1						
EQT 0090	POD05A - Powder Plant - Dryers Line A POD05A	1							1	1						
EQT 0091	POD05B - Powder Plant - Dryers Line B POD05B	1							1	1						
EQT 0092	POD06A - Powder Plant - Dryers Line A POD06A	1							1	1						
EQT 0093	POD06B - Powder Plant - Dryers Line B POD06B	1							1	1						
EQT 0094	POD07A - Powder Plant - Dryers Line A POD07A	1							1	1						
EQT 0095	POD07B - Powder Plant - Dryers Line B POD07B	1							1	1						
EQT 0096	POD08A - Powder Plant - Dryers Line A POD08A	1							1	1						
EQT 0097	POD08B - Powder Plant - Dryers Line B POD08B	1							1	1						
EQT 0098	POD09A - Powder Plant - Dryers Line A POD09A	1							1	1						
EQT 0099	POD09B - Powder Plant - Dryers Line B POD09B	1							1	1						
EQT 0100	POD10A - Powder Plant - Dryers Line A POD10A	1							1	1						
EQT 0101	POD10B - Powder Plant - Dryers Line B POD10B	1							1	1						
EQT 0102	POB01A1 - Powder Plant - Dust Collector POB01A1	1								1						
EQT 0103	POB01A2 - Powder Plant - Dust Collector POB01A2	1								1						
EQT 0104	POB01A3 - Powder Plant - Dust Collector POB01A3	1								1						
EQT 0105	POB01A4 - Powder Plant - Dust Collector POB01A4	1								1						
EQT 0106	POB01A5 - Powder Plant - Dust Collector POB01A5	1								1						
EQT 0107	POB01A6 - Powder Plant - Dust Collector POB01A6	1								1						

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51[A]	52	56	59
EQT 0108	POB01A7 - Powder Plant - Dust Collector POB01A7	1								1						
EQT 0109	POB01A8 - Powder Plant - Dust Collector POB01A8	1								1						
EQT 0110	POB02A1 - Powder Plant - Dust Collector POB02A1	1								1						
EQT 0111	POB02A2 - Powder Plant - Dust Collector POB02A2	1								1						
EQT 0112	POB02A3 - Powder Plant - Dust Collector POB02A3	1								1						
EQT 0113	POB02A4 - Powder Plant - Dust Collector POB02A4	1								1						
EQT 0114	POB02A5 - Powder Plant - Dust Collector POB02A5	1								1						
EQT 0115	POB02A6 - Powder Plant - Dust Collector POB02A6	1								1						
EQT 0116	POB02A7 - Powder Plant - Dust Collector POB02A7	1								1						
EQT 0117	POB02A8 - Powder Plant - Dust Collector POB02A8	1								1						
EQT 0118	POB03A1 - Powder Plant - Dust Collector POB03A1	1								1						
EQT 0119	POB03A2 - Powder Plant - Dust Collector POB03A2	1								1						
EQT 0120	POB03A3 - Powder Plant - Dust Collector POB03A3	1								1						
EQT 0121	POB03A4 - Powder Plant - Dust Collector POB03A4	1								1						
EQT 0122	POB03A5 - Powder Plant - Dust Collector POB03A5	1								1						
EQT 0123	POB03A6 - Powder Plant - Dust Collector POB03A6	1								1						
EQT 0124	POB03A7 - Powder Plant - Dust Collector POB03A7	1								1						
EQT 0125	POB03A8 - Powder Plant - Dust Collector POB03A8	1								1						
EQT 0126	POB04A1 - Powder Plant - Dust Collector POB04A1	1								1						
EQT 0127	POB04A2 - Powder Plant - Dust Collector POB04A2	1								1						
EQT 0128	POB04A3 - Powder Plant - Dust Collector POB04A3	1								1						
EQT 0129	POB04A4 - Powder Plant - Dust Collector POB04A4	1								1						
EQT 0130	POB04A5 - Powder Plant - Dust Collector POB04A5	1								1						
EQT 0131	POB04A6 - Powder Plant - Dust Collector POB04A6	1								1						
EQT 0132	POB04A7 - Powder Plant - Dust Collector POB04A7	1								1						
EQT 0133	POB04A8 - Powder Plant - Dust Collector POB04A8	1								1						
EQT 0134	POB05A1 - Powder Plant - Dust Collector POB05A1	1								1						
EQT 0135	POB05A2 - Powder Plant - Dust Collector POB05A2	1								1						

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ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0136	POB05A3 - Powder Plant - Dust Collector POB05A3	1								1						
EQT 0137	POB05A4 - Powder Plant - Dust Collector POB05A4	1								1						
EQT 0138	POB05A5 - Powder Plant - Dust Collector POB05A5	1								1						
EQT 0139	POB05A6 - Powder Plant - Dust Collector POB05A6	1								1						
EQT 0140	POB05A7 - Powder Plant - Dust Collector POB05A7	1								1						
EQT 0141	POB05A8 - Powder Plant - Dust Collector POB05A8	1								1						
EQT 0142	POB06A1 - Powder Plant - Dust Collector POB06A1	1								1						
EQT 0143	POB06A2 - Powder Plant - Dust Collector POB06A2	1								1						
EQT 0144	POB06A3 - Powder Plant - Dust Collector POB06A3	1								1						
EQT 0145	POB06A4 - Powder Plant - Dust Collector POB06A4	1								1						
EQT 0146	POB06A5 - Powder Plant - Dust Collector POB06A5	1								1						
EQT 0147	POB06A6 - Powder Plant - Dust Collector POB06A6	1								1						
EQT 0148	POB06A7 - Powder Plant - Dust Collector POB06A7	1								1						
EQT 0149	POB06A8 - Powder Plant - Dust Collector POB06A8	1								1						
EQT 0150	POB07A1 - Powder Plant - Dust Collector POB07A1	1								1						
EQT 0151	POB07A2 - Powder Plant - Dust Collector POB07A2	1								1						
EQT 0152	POB07A3 - Powder Plant - Dust Collector POB07A3	1								1						
EQT 0153	POB07A4 - Powder Plant - Dust Collector POB07A4	1								1						
EQT 0154	POB07A5 - Powder Plant - Dust Collector POB07A5	1								1						
EQT 0155	POB07A6 - Powder Plant - Dust Collector POB07A6	1								1						
EQT 0156	POB07A7 - Powder Plant - Dust Collector POB07A7	1								1						
EQT 0157	POB07A8 - Powder Plant - Dust Collector POB07A8	1								1						
EQT 0158	POB08A1 - Powder Plant - Dust Collector POB08A1	1								1						
EQT 0159	POB08A2 - Powder Plant - Dust Collector POB08A2	1								1						
EQT 0160	POB08A3 - Powder Plant - Dust Collector POB08A3	1								1						
EQT 0161	POB08A4 - Powder Plant - Dust Collector POB08A4	1								1						
EQT 0162	POB08A5 - Powder Plant - Dust Collector POB08A5	1								1						
EQT 0163	POB08A6 - Powder Plant - Dust Collector POB08A6	1								1						

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FLOPAM INC.
AGENCY INTEREST NO. 166443
PLAQUEMINE, IBERVILLE PARISH, LOUISIANA

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0164	POB08A7 - Powder Plant - Dust Collector POB08A7	1								1						
EQT 0165	POB08A8 - Powder Plant - Dust Collector POB08A8	1								1						
EQT 0166	POB09A1 - Powder Plant - Dust Collector POB09A1	1								1						
EQT 0167	POB09A2 - Powder Plant - Dust Collector POB09A2	1								1						
EQT 0168	POB09A3 - Powder Plant - Dust Collector POB09A3	1								1						
EQT 0169	POB09A4 - Powder Plant - Dust Collector POB09A4	1								1						
EQT 0170	POB09A5 - Powder Plant - Dust Collector POB09A5	1								1						
EQT 0171	POB09A6 - Powder Plant - Dust Collector POB09A6	1								1						
EQT 0172	POB09A7 - Powder Plant - Dust Collector POB09A7	1								1						
EQT 0173	POB09A8 - Powder Plant - Dust Collector POB09A8	1								1						
EQT 0174	POB10A1 - Powder Plant - Dust Collector POB10A1	1								1						
EQT 0175	POB10A2 - Powder Plant - Dust Collector POB10A2	1								1						
EQT 0176	POB10A3 - Powder Plant - Dust Collector POB10A3	1								1						
EQT 0177	POB10A4 - Powder Plant - Dust Collector POB10A4	1								1						
EQT 0178	POB10A5 - Powder Plant - Dust Collector POB10A5	1								1						
EQT 0179	POB10A6 - Powder Plant - Dust Collector POB10A6	1								1						
EQT 0180	POB10A7 - Powder Plant - Dust Collector POB10A7	1								1						
EQT 0181	POB10A8 - Powder Plant - Dust Collector POB10A8	1								1						
EQT 0182	POB01B1 - Powder Plant - Dust Collector POB01B1	1								1						
EQT 0183	POB01B2 - Powder Plant - Dust Collector POB01B2	1								1						
EQT 0184	POB01B3 - Powder Plant - Dust Collector POB01B3	1								1						
EQT 0185	POB01B4 - Powder Plant - Dust Collector POB01B4	1								1						
EQT 0186	POB01B5 - Powder Plant - Dust Collector POB01B5	1								1						
EQT 0187	POB01B6 - Powder Plant - Dust Collector POB01B6	1								1						
EQT 0188	POB01B7 - Powder Plant - Dust Collector POB01B7	1								1						
EQT 0189	POB01B8 - Powder Plant - Dust Collector POB01B8	1								1						
EQT 0190	POB01B9 - Powder Plant - Dust Collector POB01B9	1								1						
EQT 0191	POB01B10 - Powder Plant - Dust Collector POB01B10	1								1						

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0192	POB01B11 - Powder Plant - Dust Collector POB01B11	1								1						
EQT 0193	POB01B12 - Powder Plant - Dust Collector POB01B12	1								1						
EQT 0194	POB02B1 - Powder Plant - Dust Collector POB02B1	1								1						
EQT 0195	POB02B2 - Powder Plant - Dust Collector POB02B2	1								1						
EQT 0196	POB02B3 - Powder Plant - Dust Collector POB02B3	1								1						
EQT 0197	POB02B4 - Powder Plant - Dust Collector POB02B4	1								1						
EQT 0198	POB02B5 - Powder Plant - Dust Collector POB02B5	1								1						
EQT 0199	POB02B6 - Powder Plant - Dust Collector POB02B6	1								1						
EQT 0200	POB02B7 - Powder Plant - Dust Collector POB02B7	1								1						
EQT 0201	POB02B8 - Powder Plant - Dust Collector POB02B8	1								1						
EQT 0202	POB02B9 - Powder Plant - Dust Collector POB02B9	1								1						
EQT 0203	POB02B10 - Powder Plant - Dust Collector POB02B10	1								1						
EQT 0204	POB02B11 - Powder Plant - Dust Collector POB02B11	1								1						
EQT 0205	POB02B12 - Powder Plant - Dust Collector POB02B12	1								1						
EQT 0206	POB03B1 - Powder Plant - Dust Collector POB03B1	1								1						
EQT 0207	POB03B2 - Powder Plant - Dust Collector POB03B2	1								1						
EQT 0208	POB03B3 - Powder Plant - Dust Collector POB03B3	1								1						
EQT 0209	POB03B4 - Powder Plant - Dust Collector POB03B4	1								1						
EQT 0210	POB03B5 - Powder Plant - Dust Collector POB03B5	1								1						
EQT 0211	POB03B6 - Powder Plant - Dust Collector POB03B6	1								1						
EQT 0212	POB03B7 - Powder Plant - Dust Collector POB03B7	1								1						
EQT 0213	POB03B8 - Powder Plant - Dust Collector POB03B8	1								1						
EQT 0214	POB03B9 - Powder Plant - Dust Collector POB03B9	1								1						
EQT 0215	POB03B10 - Powder Plant - Dust Collector POB03B10	1								1						
EQT 0216	POB03B11 - Powder Plant - Dust Collector POB03B11	1								1						
EQT 0217	POB03B12 - Powder Plant - Dust Collector POB03B12	1								1						
EQT 0218	POB04B1 - Powder Plant - Dust Collector POB04B1	1								1						
EQT 0219	POB04B2 - Powder Plant - Dust Collector POB04B2	1								1						

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0220	POB04B3 - Powder Plant - Dust Collector POB04B3	1								1						
EQT 0221	POB04B4 - Powder Plant - Dust Collector POB04B4	1								1						
EQT 0222	POB04B5 - Powder Plant - Dust Collector POB04B5	1								1						
EQT 0223	POB04B6 - Powder Plant - Dust Collector POB04B6	1								1						
EQT 0224	POB04B7 - Powder Plant - Dust Collector POB04B7	1								1						
EQT 0225	POB04B8 - Powder Plant - Dust Collector POB04B8	1								1						
EQT 0226	POB04B9 - Powder Plant - Dust Collector POB04B9	1								1						
EQT 0227	POB04B10 - Powder Plant - Dust Collector POB04B10	1								1						
EQT 0228	POB04B11 - Powder Plant - Dust Collector POB04B11	1								1						
EQT 0229	POB04B12 - Powder Plant - Dust Collector POB04B12	1								1						
EQT 0230	POB05B1 - Powder Plant - Dust Collector POB05B1	1								1						
EQT 0231	POB05B2 - Powder Plant - Dust Collector POB05B2	1								1						
EQT 0232	POB05B3 - Powder Plant - Dust Collector POB05B3	1								1						
EQT 0233	POB05B4 - Powder Plant - Dust Collector POB05B4	1								1						
EQT 0234	POB05B5 - Powder Plant - Dust Collector POB05B5	1								1						
EQT 0235	POB05B6 - Powder Plant - Dust Collector POB05B6	1								1						
EQT 0236	POB05B7 - Powder Plant - Dust Collector POB05B7	1								1						
EQT 0237	POB05B8 - Powder Plant - Dust Collector POB05B8	1								1						
EQT 0238	POB05B9 - Powder Plant - Dust Collector POB05B9	1								1						
EQT 0239	POB05B10 - Powder Plant - Dust Collector POB05B10	1								1						
EQT 0240	POB05B11 - Powder Plant - Dust Collector POB05B11	1								1						
EQT 0241	POB05B12 - Powder Plant - Dust Collector POB05B12	1								1						
EQT 0242	POB06B1 - Powder Plant - Dust Collector POB06B1	1								1						
EQT 0243	POB06B2 - Powder Plant - Dust Collector POB06B2	1								1						
EQT 0244	POB06B3 - Powder Plant - Dust Collector POB06B3	1								1						
EQT 0245	POB06B4 - Powder Plant - Dust Collector POB06B4	1								1						
EQT 0246	POB06B5 - Powder Plant - Dust Collector POB06B5	1								1						
EQT 0247	POB06B6 - Powder Plant - Dust Collector POB06B6	1								1						

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0248	POB06B7 - Powder Plant - Dust Collector POB06B7	1								1						
EQT 0249	POB06B8 - Powder Plant - Dust Collector POB06B8	1								1						
EQT 0250	POB06B9 - Powder Plant - Dust Collector POB06B9	1								1						
EQT 0251	POB06B10 - Powder Plant - Dust Collector POB06B10	1								1						
EQT 0252	POB06B11 - Powder Plant - Dust Collector POB06B11	1								1						
EQT 0253	POB06B12 - Powder Plant - Dust Collector POB06B12	1								1						
EQT 0254	POB07B1 - Powder Plant - Dust Collector POB07B1	1								1						
EQT 0255	POB07B2 - Powder Plant - Dust Collector POB07B2	1								1						
EQT 0256	POB07B3 - Powder Plant - Dust Collector POB07B3	1								1						
EQT 0257	POB07B4 - Powder Plant - Dust Collector POB07B4	1								1						
EQT 0258	POB07B5 - Powder Plant - Dust Collector POB07B5	1								1						
EQT 0259	POB07B6 - Powder Plant - Dust Collector POB07B6	1								1						
EQT 0260	POB07B7 - Powder Plant - Dust Collector POB07B7	1								1						
EQT 0261	POB07B8 - Powder Plant - Dust Collector POB07B8	1								1						
EQT 0262	POB07B9 - Powder Plant - Dust Collector POB07B9	1								1						
EQT 0263	POB07B10 - Powder Plant - Dust Collector POB07B10	1								1						
EQT 0264	POB07B11 - Powder Plant - Dust Collector POB07B11	1								1						
EQT 0265	POB07B12 - Powder Plant - Dust Collector POB07B12	1								1						
EQT 0266	POB08B1 - Powder Plant - Dust Collector POB08B1	1								1						
EQT 0267	POB08B2 - Powder Plant - Dust Collector POB08B2	1								1						
EQT 0268	POB08B3 - Powder Plant - Dust Collector POB08B3	1								1						
EQT 0269	POB08B4 - Powder Plant - Dust Collector POB08B4	1								1						
EQT 0270	POB08B5 - Powder Plant - Dust Collector POB08B5	1								1						
EQT 0271	POB08B6 - Powder Plant - Dust Collector POB08B6	1								1						
EQT 0272	POB08B7 - Powder Plant - Dust Collector POB08B7	1								1						
EQT 0273	POB08B8 - Powder Plant - Dust Collector POB08B8	1								1						
EQT 0274	POB08B9 - Powder Plant - Dust Collector POB08B9	1								1						
EQT 0275	POB08B10 - Powder Plant - Dust Collector POB08B10	1								1						

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0276	POB08B11 - Powder Plant - Dust Collector POB08B11	1								1						
EQT 0277	POB08B12 - Powder Plant - Dust Collector POB08B12	1								1						
EQT 0278	POB09B1 - Powder Plant - Dust Collector POB09B1	1								1						
EQT 0279	POB09B2 - Powder Plant - Dust Collector POB09B2	1								1						
EQT 0280	POB09B3 - Powder Plant - Dust Collector POB09B3	1								1						
EQT 0281	POB09B4 - Powder Plant - Dust Collector POB09B4	1								1						
EQT 0282	POB09B5 - Powder Plant - Dust Collector POB09B5	1								1						
EQT 0283	POB09B6 - Powder Plant - Dust Collector POB09B6	1								1						
EQT 0284	POB09B7 - Powder Plant - Dust Collector POB09B7	1								1						
EQT 0285	POB09B8 - Powder Plant - Dust Collector POB09B8	1								1						
EQT 0286	POB09B9 - Powder Plant - Dust Collector POB09B9	1								1						
EQT 0287	POB09B10 - Powder Plant - Dust Collector POB09B10	1								1						
EQT 0288	POB09B11 - Powder Plant - Dust Collector POB09B11	1								1						
EQT 0289	POB09B12 - Powder Plant - Dust Collector POB09B12	1								1						
EQT 0290	POB10B1 - Powder Plant - Dust Collector POB10B1	1								1						
EQT 0291	POB10B2 - Powder Plant - Dust Collector POB10B2	1								1						
EQT 0292	POB10B3 - Powder Plant - Dust Collector POB10B3	1								1						
EQT 0293	POB10B4 - Powder Plant - Dust Collector POB10B4	1								1						
EQT 0294	POB10B5 - Powder Plant - Dust Collector POB10B5	1								1						
EQT 0295	POB10B6 - Powder Plant - Dust Collector POB10B6	1								1						
EQT 0296	POB10B7 - Powder Plant - Dust Collector POB10B7	1								1						
EQT 0297	POB10B8 - Powder Plant - Dust Collector POB10B8	1								1						
EQT 0298	POB10B9 - Powder Plant - Dust Collector POB10B9	1								1						
EQT 0299	POB10B10 - Powder Plant - Dust Collector POB10B10	1								1						
EQT 0300	POB10B11 - Powder Plant - Dust Collector POB10B11	1								1						
EQT 0301	POB10B12 - Powder Plant - Dust Collector POB10B12	1								1						
EQT 0302	POPKG1 - Powder Plant - Packaging Area 1 - Dust Collector POPKG1	1								1						
EQT 0303	POPKG2 - Powder Plant - Packaging Area 2 - Dust Collector POPKG2	1								1						

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0304	POTTBH - Powder Plant - Truck Loading Area – Dust Collector POTTBH	1								1						
EQT 0305	POTTBV1 - Powder Plant - Truck Loading Area Silo – Dust Collector POTTBV1	1								1						
EQT 0306	POTTBV2 - Powder Plant - Truck Loading Area Silo – Dust Collector POTTBV2	1								1						
EQT 0307	PORCBH - Powder Plant - Railcar Loading Area – Dust Collector PORCBH	1								1						
EQT 0308	PORCBV1 - Powder Plant - Railcar Loading Area Silo – Dust Collector PORCBV1	1								1						
EQT 0309	PORCBV2 - Powder Plant - Railcar Loading Area Silo – Dust Collector PORCBV2	1								1						
EQT 0310	PORCBV3 - Powder Plant - Railcar Loading Area Silo – Dust Collector PORCBV3	1								1						
EQT 0311	PORCBV4 - Powder Plant - Railcar Loading Area Silo – Dust Collector PORCBV4	1								1						
EQT 0312	TAA1 - Main Acrylic Acid Storage Tank TAA1		3										1			
EQT 0313	TAA2 - Main Acrylic Acid Storage Tank TAA2		3										1			
EQT 0314	TAA3 - Main Acrylic Acid Storage Tank TAA3		3										1			
EQT 0315	TAA4 - Main Acrylic Acid Storage Tank TAA4		3										1			
EQT 0316	TAD16 - Powder Plant - Acrylamide Day Tank TAD16		3										1			
EQT 0317	TAD17 - Powder Plant - Acrylamide Day Tank TAD17		3										1			
EQT 0318	TAD18 - Powder Plant - Acrylamide Day Tank TAD18		3										1			
EQT 0319	TAD19 - Powder Plant - Acrylamide Day Tank TAD19		3										1			
EQT 0320	TAD20 - Powder Plant - Acrylamide Day Tank TAD20		3										1			
EQT 0321	EMD01 - Emulsion Plant Line 1 - Dissolution Tank EMD01		3													
EQT 0322	EMD02 - Emulsion Plant Line 2 - Dissolution Tank EMD02		3													
EQT 0323	EMD03 - Emulsion Plant Line 3 - Dissolution Tank EMD03		3													
EQT 0324	EMD04 - Emulsion Plant Line 4 - Dissolution Tank EMD04		3													
EQT 0325	EMD05 - Emulsion Plant Line 5 - Dissolution Tank EMD05		3													
EQT 0326	EMD06 - Emulsion Plant Line 6 - Dissolution Tank EMD06		3													
EQT 0327	EMD07 - Emulsion Plant Line 7 - Dissolution Tank EMD07		3													
EQT 0328	EMD08 - Emulsion Plant Line 8 - Dissolution Tank EMD08		3													
EQT 0329	EMD09 - Emulsion Plant Line 9 - Dissolution Tank EMD09		3													
EQT 0330	EMD10 - Emulsion Plant Line 10 - Dissolution Tank EMD10		3													
EQT 0331	EMR01 - Emulsion Plant Line 1 - Reactor EMR01															

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0332	EMR02 - Emulsion Plant Line 2 - Reactor EMR02															
EQT 0333	EMR03 - Emulsion Plant Line 3 - Reactor EMR03															
EQT 0334	EMR04 - Emulsion Plant Line 4 - Reactor EMR04															
EQT 0335	EMR05 - Emulsion Plant Line 5 - Reactor EMR05															
EQT 0336	EMR06 - Emulsion Plant Line 6 - Reactor EMR06															
EQT 0337	EMR07 - Emulsion Plant Line 7 - Reactor EMR07															
EQT 0338	EMR08 - Emulsion Plant Line 8 - Reactor EMR08															
EQT 0339	EMR09 - Emulsion Plant Line 9 - Reactor EMR09															
EQT 0340	EMR10 - Emulsion Plant Line 10 - Reactor EMR10															
EQT 0341	SCEM1 - Emulsion Plant Line 1-2 Scrubber SCEM1										3		1			
EQT 0342	EM1 - Emulsion Plant Line 3 Through Line 10 – Common Vent EM1										3		1			
EQT 0343	TAD21 - Emulsion Plant - Acrylamide Day Tank TAD21		3										1			
EQT 0344	SPR1 - Specialty Product Line 1 - Base Reactor SPR1												1			
EQT 0345	SC-SP1 - Specialty Product Line 1 Reaction & Neutralization Tank / Scrubber SC-SP1												1			
EQT 0346	SC-SP2 - Specialty Product Line 2 Reaction & Neutralization Tank / Scrubber SC-SP2												1			
EQT 0347	TAD22 - Specialty Product - Acrylamide Day Tank TAD22		3										1			
EQT 0348	DADR - DADMAC Plant - Monomer Reactors DADR												1			
EQT 0349	DADORG - DADMAC Plant - Organic Receiver DADORG												1			
EQT 0350	DADLL - DADMAC Plant - Liquid/Liquid Separator DADLL												1			
EQT 0351	DADOH - DADMAC Plant - Allyl Alcohol Receivers DADOH												1			
EQT 0352	TAOH-1 - DADMAC Plant - Allyl Alcohol Storage Tank TAOH-1		3										1			
EQT 0353	DADDC - DADMAC Plant - Allyl Alcohol Distillation Column DADDC												1			
EQT 0354	TO-DAD1 - DADMAC Plant - Thermal Oxidizer TO-DAD1	1											1			
EQT 0355	SC-DAD1 - DADMAC Plant - Thermal Oxidizer Vent Scrubber SC-DAD1	1							1	1	3		1			
EQT 0356	PA-1 - Polyamine Plant - Reactor PA-1															
EQT 0357	PA-2 - Polyamine Plant - Reactor PA-2															

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EQT 0358	SC-PA1 - Polyamine Plant - Reactor Vent Scrubber SC-PA1												1			
EQT 0359	TEP1 - Epichlorohydrin Tank TEP1		3										1			
EQT 0360	TAE1 - ADAM Plant - Acrylate Ester Storage Tank TAE1		3													
EQT 0361	TAE2 - ADAM Plant - Acrylate Ester Storage Tank TAE2		3													
EQT 0362	AD-R1 - ADAM Plant - Transesterification Reactor/ColumnR1															
EQT 0363	AD-R2 - ADAM Plant - Transesterification Reactor/ColumnR2															
EQT 0364	AD-DOH1 - ADAM Plant - Saponification Reactor/ColumnDOH1															
EQT 0365	AD-D1 - ADAM Plant - Product Distillation AD-D1															
EQT 0366	TD1 - ADAM Plant - Recycle Reactant Tank TD1		3													
EQT 0367	TAZ1 - ADAM Plant - Azeotrope Tank TAZ1		3													
EQT 0368	TCE1 - ADAM Plant - Crude Ester Tank TCE1		3													
EQT 0369	AT-MR1 - ATBS Plant - Mixing/Reactors AT-MR1															
EQT 0370	AT-AR1 - ATBS Plant - Acrylonitrile Recovery AT-AR1															
EQT 0371	AT-DRY1 - ATBS Plant - Dryer AT-DRY1															
EQT 0372	TO-AD1 - ADAM/ATBS Plant Thermal Oxidizer TO-AD1	1							1	1	3		1			
EQT 0373	TO-AD2 - ADAM/ATBS Plant Thermal Oxidizer TO-AD2 (Back-up)	1							1	1	3		1			
EQT 0374	TALC1 - ADAM Plant - Alcohol Co-Product Tank TALC1		1										1			
EQT 0375	TALC2 - ADAM Plant - Alcohol Co-Product Tank TALC2		1										1			
EQT 0376	THX1 - ADAM Plant - Hexane Storage Tank THX1		1										1			
EQT 0377	TRA1 - ADAM Plant - Dimethylaminoethanol Tank TRA1		3													
EQT 0378	TRA2 - ADAM Plant - Dimethylaminoethanol Tank TRA2		3													
EQT 0379	THC1 - Hydrochloric Acid Storage Tank THC1		3													
EQT 0380	THC2 - Hydrochloric Acid Storage Tank THC2		3													
EQT 0381	SC-HC1 - HCl Storage Tank Vent ScrubberSC-HC1		3										1			
EQT 0382	CM1 - Chloromethylation Plant - Reactors CM1															
EQT 0383	TO-CM1 - Chloromethylation Plant - Thermal Oxidizer TOCM1	1											1			
EQT 0384	SC-CM1 - Chloromethylation Plant - Thermal Oxidizer Vent Scrubber SC-CM1	1							1	1	3		1			
EQT 0385	AT-SL1 - ATBS Plant - Silo AT-SL1	1								1						

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EQT 0386	AT-SL2 - ATBS Plant - Silo AT-SL2	1								1						
EQT 0387	AT-SL3 - ATBS Plant - Silo AT-SL3	1								1						
EQT 0388	AT-SL4 - ATBS Plant - Silo AT-SL4	1								1						
EQT 0389	AT-HP1 - ATBS Plant - Hopper AT-HP1	1								1						
EQT 0390	AT-HP2 - ATBS Plant - Hopper AT-HP2	1								1						
EQT 0391	AT-HP3 - ATBS Plant - Hopper AT-HP3	1								1						
EQT 0392	AT-HP4 - ATBS Plant - Hopper AT-HP4	1								1						
EQT 0393	AT-BG1 - ATBS Plant - Bagging Operations AT-BG1	1								1						
EQT 0394	AT-BG2 - ATBS Plant - Bagging Operations AT-BG2	1								1						
EQT 0395	AT-BG3 - ATBS Plant - Bagging Operations AT-BG3	1								1						
EQT 0396	AT-BG4 - ATBS Plant - Bagging Operations AT-BG4	1								1						
EQT 0397	TLM1 - ATBS Plant - Oleum Storage Tank TLM1		3													
EQT 0398	TLM2 - ATBS Plant - Oleum Storage Tank TLM2		3													
EQT 0399	TLM3 - ATBS Plant - Oleum Storage Tank TLM3		3													
EQT 0400	TLMD1 - ATBS Plant - Oleum Day Tank TLMD1		3													
EQT 0401	SC-LM1 - ATBS Plant - Oleum Tank Vent Scrubber SC-LM1												1			
EQT 0402	B1 - Boiler B1	1							1	1	3					
EQT 0403	B2 - Boiler B2	1							1	1	3					
EQT 0404	B3 - Boiler B3	1							1	1	3					
EQT 0405	B4 - Boiler B4	1							1	1	3					
EQT 0406	B5 - Boiler B5	1							1	1	3					
EQT 0407	B6 - Boiler B6	1							1	1	3					
EQT 0408	B7 - Boiler B7	1							1	1	3					
EQT 0409	B8 - Boiler B8	1							1	1	3					
EQT 0410	B9 - Boiler B9	1							1	1	3					
EQT 0411	B10 - Boiler B10	1							1	1	3					
EQT 0412	TIB1 - IB Pressurized Tank TIB1		1													
EQT 0413	TIB2 - IB Pressurized Tank TIB2		1													

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EQT 0414	TIB3 - IB Pressurized Tank TIB3		1													
EQT 0415	TIB4 - IB Pressurized Tank TIB4		1													
EQT 0416	TIB5 - IB Pressurized Tank TIB5		1													
EQT 0417	TIBD1 - IB Pressurized Day Tank TIBD1		1													
EQT 0418	TAC1 - AC Pressurized Tank TAC1		1													
EQT 0419	TAC2 - AC Pressurized Tank TAC2		1													
EQT 0420	TDM1 - DM Pressurized Tank TDM1		1													
EQT 0421	TDM2 - DM Pressurized Tank TDM2		1													
EQT 0422	TCM1 - CM Pressurized Tank TCM1		1													
EQT 0423	TCM2 - CM Pressurized Tank TCM2		1													
EQT 0424	TAN1 - AN Pressurized Tank TAN1		1													
EQT 0425	TAN2 - AN Pressurized Tank TAN2		1													
EQT 0426	TAN3 - AN Pressurized Tank TAN3		1													
EQT 0427	TAN4 - AN Pressurized Tank TAN4		1													
EQT 0428	TAN5 - AN Pressurized Tank TAN5		1													
EQT 0429	TAN6 - AN Pressurized Tank TAN6		1													
EQT 0430	TAN7 - AN Pressurized Tank TAN7		1													
EQT 0431	TAN8 - AN Pressurized Tank TAN8		1													
EQT 0432	TAN9 - AN Pressurized Tank TAN9		1													
EQT 0433	TAN10 - AN Pressurized Tank TAN10		1													
EQT 0434	TAN11 - AN Pressurized Tank TAN11		1													
EQT 0435	TAN12 - AN Pressurized Tank TAN12		1													
EQT 0436	TAN13 - AN Day Storage Tank TAN13		1													
EQT 0437	SOLCC - Solvent Cold Cleaners SOLCC					1										
EQT 0438	TEG1 - Ethylene Glycol Storage Tank TEG1															
EQT 0439	TEG2 - Ethylene Glycol Storage Tank TEG2															
EQT 0440	TEG3 - Ethylene Glycol Storage Tank TEG3															
EQT 0441	TEG4 - Ethylene Glycol Storage Tank TEG4															

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		509	2103	2111	2113	2125	5[▲]	9	11	13	15	29	51*	52	56	59
EQT 0442	TQM1 - Quaternized/Cationic Monomer Storage Tank TQM1															
EQT 0443	TQM2 - Quaternized/Cationic Monomer Storage Tank TQM2															
EQT 0444	TQM3 - Quaternized/Cationic Monomer Storage Tank TQM3															
EQT 0445	TQM4 - Quaternized/Cationic Monomer Storage Tank TQM4															
EQT 0446	TQM5 - Quaternized/Cationic Monomer Storage Tank TQM5															
EQT 0447	TQM6 - Quaternized/Cationic Monomer Storage Tank TQM6															
EQT 0448	TQM7 - Quaternized/Cationic Monomer Storage Tank TQM7															
EQT 0449	TQM8 - Quaternized/Cationic Monomer Storage Tank TQM8															
EQT 0450	TQM9 - Quaternized/Cationic Monomer Storage Tank TQM9															
EQT 0451	TQM10 - Quaternized/Cationic Monomer Storage Tank TQM10															
EQT 0452	TEXM1 - Process Oil Storage Tank TEXM1															
EQT 0453	TEX11 - Process Oil Storage Tank TEX11															
EQT 0454	TEX12 - Process Oil Storage Tank TEX12															
EQT 0455	TEX13 - Process Oil Storage Tank TEX13															
EQT 0456	TNH1 - Ammonium Hydroxide Pressurized Storage Tank TNH1		1													
EQT 0457	TNH2 - Ammonium Hydroxide Pressurized Storage Tank TNH2		1													
EQT 0458	TAN1 - Acrylonitrile Pressurized Storage Tank TAN1		1													
EQT 0459	TAN2 - Acrylonitrile Pressurized Storage Tank TAN2		1													
EQT 0460	TAN3 - Acrylonitrile Pressurized Storage Tank TAN3		1													
EQT 0461	TAN4 - Acrylonitrile Pressurized Storage Tank TAN4		1													
EQT 0462	TAN5 - Acrylonitrile Pressurized Storage Tank TAN5		1													
EQT 0463	TAN6 - Acrylonitrile Pressurized Storage Tank TAN6		1													
EQT 0464	TAN7 - Acrylonitrile Pressurized Storage Tank TAN7		1													
EQT 0465	TAN8 - Acrylonitrile Pressurized Storage Tank TAN8		1													
EQT 0466	TAN9 - Acrylonitrile Pressurized Storage Tank TAN9		1													
EQT 0467	TAN10 - Acrylonitrile Pressurized Storage Tank TAN10		1													
EQT 0468	TAN11 - Acrylonitrile Pressurized Storage Tank TAN11		1													
EQT 0469	TAN12 - Acrylonitrile Pressurized Storage Tank TAN12		1													

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		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0470	TAC1 - Allyl Chloride Pressurized Storage Tank TAC1		1													
EQT 0471	TAC2 - Allyl Chloride Pressurized Storage Tank TAC2		1													
EQT 0472	TDM1 - Dimethylamine Pressurized Storage Tank TDM1		1													
EQT 0473	TDM2 - Dimethylamine Pressurized Storage Tank TDM2		1													
EQT 0474	TMC1 - Methyl Chloride Pressurized Storage Tank TMC1		1													
EQT 0475	TMC2 - Methyl Chloride Pressurized Storage Tank TMC2		1													
EQT 0476	TIBD1 - Isobutene Pressurized Day Storage Tank TIBD1		1													
EQT 0477	TIB1 - Isobutene Pressurized Storage Tank TIB1		1													
EQT 0478	TIB2 - Isobutene Pressurized Storage Tank TIB2		1													
EQT 0479	TIB3 - Isobutene Pressurized Storage Tank TIB3		1													
EQT 0480	TIB4 - Isobutene Pressurized Storage Tank TIB4		1													
EQT 0481	TIB5 - Isobutene Pressurized Storage Tank TIB5		1													
EQT 0482	EPEV1 - Emulsion Plant Wastewater Evaporator EPEV1															
EQT 0483	SPEV1 - Specialty Products Line Evaporator SPEV1															
EQT 0484	TWE1 - Emulsion Plant Wash Tank TWE1															
EQT 0485	TCW1 - Emulsion Plant Clear Water Tank TCW1															
EQT 0486	TMP1 - Emulsion Product Storage Tank TMP1															
EQT 0487	TMP2 - Emulsion Product Storage Tank TMP2															
EQT 0488	TMP3 - Emulsion Product Storage Tank TMP3															
EQT 0489	TMP4 - Emulsion Product Storage Tank TMP4															
EQT 0490	TMP5 - Emulsion Product Storage Tank TMP5															
EQT 0491	TMP6 - Emulsion Product Storage Tank TMP6															
EQT 0492	TMP7 - Emulsion Product Storage Tank TMP7															
EQT 0493	TMP8 - Emulsion Product Storage Tank TMP8															
EQT 0494	TMP9 - Emulsion Product Storage Tank TMP9															
EQT 0495	TMP10 - Emulsion Product Storage Tank TMP10															
EQT 0496	TMP11 - Emulsion Product Storage Tank TMP11															
EQT 0497	TMP12 - Emulsion Product Storage Tank TMP12															

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		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0498	TMP13 - Emulsion Product Storage Tank TMP13															
EQT 0499	TMP14 - Emulsion Product Storage Tank TMP14															
EQT 0500	TMP15 - Emulsion Product Storage Tank TMP15															
EQT 0501	TMP16 - Emulsion Product Storage Tank TMP16															
EQT 0502	TMP17 - Emulsion Product Storage Tank TMP17															
EQT 0503	TMP18 - Emulsion Product Storage Tank TMP18															
EQT 0504	TMP19 - Emulsion Product Storage Tank TMP19															
EQT 0505	TMP20 - Emulsion Product Storage Tank TMP20															
EQT 0506	TMP21 - Specialty Products Line Base Storage Tank TMP21															
EQT 0507	TMP22 - Specialty Products Line Base Storage Tank TMP22															
EQT 0508	TMP23 - Specialty Products Line Base Storage Tank TMP23															
EQT 0509	TMP24 - Specialty Products Line Intermediate Product Storage Tank TMP24															
EQT 0510	TMP25 - Specialty Products Line Intermediate Product Storage Tank TMP25															
EQT 0511	TMP26 - Specialty Products Line Intermediate Product Storage Tank TMP26															
EQT 0512	TMP27 - Specialty Products Line Concentrated Product Storage Tank TMP27															
EQT 0513	TMP28 - Specialty Products Line Concentrated Product Storage Tank TMP28															
EQT 0514	TMP29 - Specialty Products Line Concentrated Product Storage Tank TMP29															
EQT 0515	TMP30 - Specialty Products Line Concentrated Product Storage Tank TMP30															
EQT 0516	TMP31 - Specialty Products Line Concentrated Product Storage Tank TMP31															
EQT 0517	TMP32 - Specialty Products Line Concentrated Product Storage Tank TMP32															
EQT 0518	TMP33 - Specialty Products Line Concentrated Product Storage Tank TMP33															
EQT 0519	TMP34 - Specialty Products Line Concentrated Product Storage Tank TMP34															
EQT 0520	TMP35 - PolyDADMAC Storage Tank TMP35															
EQT 0521	TMP36 - PolyDADMAC Storage Tank TMP36															
EQT 0522	TMP37 - PolyDADMAC Storage Tank TMP37															
EQT 0523	TMP38 - PolyDADMAC Storage Tank TMP38															
EQT 0524	TMP39 - PolyDADMAC Storage Tank TMP39															
EQT 0525	TMP40 - PolyDADMAC Storage Tank TMP40															

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		509	2103	2111	2113	2125	5[A]	9	11	13	15	29	51*	52	56	59
EQT 0526	TMP41 - PolyDADMAC Storage Tank TMP41															
EQT 0527	TMP42 - PolyDADMAC Storage Tank TMP42															
EQT 0528	TMP43 - DADMAC Monomer Storage Tank TMP43															
EQT 0529	TMP44 - DADMAC Monomer Storage Tank TMP44															
EQT 0530	TMP45 - DADMAC Monomer Storage Tank TMP45															
EQT 0531	TMP46 - DADMAC Monomer Storage Tank TMP46															
EQT 0532	TMP47 - DADMAC Polymer Rerun Tank TMP47															
EQT 0533	TMP48 - DADMAC Polymer Blend Tank TMP48															
EQT 0534	TMP49 - DADMAC Polymer Blend Tank TMP49															
EQT 0535	TMP50 - DADMAC Polymer Blend Tank TMP50															
EQT 0536	TMP51 - DADMAC Monomer Blend Tank TMP51															
EQT 0537	TMP52 - DADMAC Monomer Blend Tank TMP52															
EQT 0538	TMP53 - DADMAC Monomer Blend Tank TMP53															
EQT 0539	TMP54 - Polyamine Product Storage Tank TMP54															
EQT 0540	TMP55 - Polyamine Product Storage Tank TMP55															
EQT 0541	TMP56 - Polyamine Product Storage Tank TMP56															
EQT 0542	TMP57 - Polyamine Product Storage Tank TMP57															
EQT 0543	TMP58 - Polyamine Product Storage Tank TMP58															
EQT 0544	TMP59 - Polyamine Product Storage Tank TMP59															
EQT 0545	TMP60 - Polyamine Product Storage Tank TMP60															
EQT 0546	TMP61 - Polyamine Product Storage Tank TMP61															
EQT 0547	TMP62 - Polyamine Product Rerun Tank TMP62															
EQT 0548	TADA1 - ADAM Product Storage Tank TADA1															
EQT 0549	TADA2 - ADAM Product Storage Tank TADA2															
EQT 0550	TADA3 - ADAM Product Storage Tank TADA3															
EQT 0551	TADA4 - ADAM Product Storage Tank TADA4															
EQT 0552	TSW1 - Polysodium Acrylate Storage Tank TSW1															
EQT 0553	TWW1 - ADAM Plant Washwater Tank TWW1															

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EQT 0554	TCHK1 - ADAM Product Check Tank TCHK1															
EQT 0555	TCHK2 - ADAM Product Check Tank TCHK2															
EQT 0556	TRS1 - ADAM Plant Catalyst Residue Tank TRS1															
EQT 0557	TCWW2 - ATBS Water/Salt Storage Tank TWW2															
EQT 0558	TAPS1 - APS Storage Tank TAPS1															
EQT 0559	TSBS1 - SBS Storage Tank TSBS1															
EQT 0560	TNHA1 - Ammonium Adipate Storage Tank TNHA1															
EQT 0561	TBIO1 - Biocide Storage Tank TBIO1															
EQT 0562	TDCW1 - DADMAC Recycle Water Tank TDCW1															
EQT 0563	TAMC1 - Acrylamide Catalyst Storage Tank TAMC1															
EQT 0564	TAMC2 - Acrylamide Catalyst Storage Tank TAMC2															
EQT 0565	TAMC3 - Acrylamide Catalyst Storage Tank TAMC3															
EQT 0566	TAMC4 - Acrylamide Catalyst Storage Tank TAMC4															
EQT 0567	TAMC5 - Acrylamide Catalyst Storage Tank TAMC5															
EQT 0568	TWWA1 - Acrylamide Washwater Tank TWWA1															
EQT 0569	TAMCP1 - Acrylamide Catalyst Prep Tank TAMCP1															
EQT 0570	TAMCP2 - Acrylamide Catalyst Prep Tank TAMCP2															
EQT 0571	TAMCP3 - Acrylamide Catalyst Prep Tank TAMCP3															
EQT 0572	TAMCP4 - Acrylamide Catalyst Prep Tank TAMCP4															
EQT 0573	TAMCP5 - Acrylamide Catalyst Prep Tank TAMCP5															
EQT 0574	TAMFC1 - Acrylamide Filtered Catalyst Tank TAMFC1															
EQT 0575	TAMFC2 - Acrylamide Filtered Catalyst Tank TAMFC2															
EQT 0576	TAMFC3 - Acrylamide Filtered Catalyst Tank TAMFC3															
EQT 0577	TAMFC4 - Acrylamide Filtered Catalyst Tank TAMFC4															
EQT 0578	TAMFC5 - Acrylamide Filtered Catalyst Tank TAMFC5															
EQT 0579	TMX1 - Emulsion Plant Mix Tank TMX1															
EQT 0580	TMX2 - Emulsion Plant Mix Tank TMX2															
EQT 0581	TMX3 - Emulsion Plant Mix Tank TMX3															

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EQT 0582	TMX4 - Emulsion Plant Mix Tank TMX4															
EQT 0583	TMX5 - Emulsion Plant Mix Tank TMX5															
EQT 0584	TMX6 - Emulsion Plant Mix Tank TMX6															
EQT 0585	DADPR1 - PolyDADMAC Reactor DADPR1															
EQT 0586	DADPR2 - PolyDADMAC Reactor DADPR2															
EQT 0587	DADPR3 - PolyDADMAC Reactor DADPR3															
EQT 0588	DADPR4 - PolyDADMAC Reactor DADPR4															
FUG 0001	FUG - Sitewide Fugitive Emissions			3									1			
FUG 0002	ROAD - Roadway Fugitive Emissions	1														
GRP0001	PO01 - Powder Plant 1 - Process Sources	1														
GRP0002	PO02 - Powder Plant 2 - Process Sources	1														
GRP0003	PO03 - Powder Plant 3 - Process Sources	1														
GRP0004	PO04 - Powder Plant 4 - Process Sources	1														
GRP0005	PO05 - Powder Plant 5 - Process Sources	1														
GRP0006	PO06 - Powder Plant 6 - Process Sources	1														
GRP0007	PO07 - Powder Plant 7 - Process Sources	1														
GRP0008	PO08 - Powder Plant 8 - Process Sources	1														
GRP0009	PO09 - Powder Plant 9 - Process Sources	1														
GRP0010	PO10 - Powder Plant 10 - Process Sources	1														
GRP0011	POB01A - Powder Plant 1 - Screening, Bagging, Packaging	1							1							
GRP0012	POB02A - Powder Plant 2 - Screening, Bagging, Packaging	1							1							
GRP0013	POB03A - Powder Plant 3 - Screening, Bagging, Packaging	1							1							
GRP0014	POB04A - Powder Plant 4 - Screening, Bagging, Packaging	1							1							
GRP0015	POB05A - Powder Plant 5 - Screening, Bagging, Packaging	1							1							
GRP0016	POB06A - Powder Plant 6 - Screening, Bagging, Packaging	1							1							
GRP0017	POB07A - Powder Plant 7 - Screening, Bagging, Packaging	1							1							
GRP0018	POB08A - Powder Plant 8 - Screening, Bagging, Packaging	1							1							
GRP0019	POB09A - Powder Plant 9 - Screening, Bagging, Packaging	1							1							

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter									
		509	2103	2111	2113	2125	5▲	9	11	13	15	29	51*	52	56	59
GRP0020	POB10A - Powder Plant 10 - Screening, Bagging, Packaging	1							1							
GRP0021	POB01B - Powder Plant 1 - Final Product Handling	1							1							
GRP0022	POB02B - Powder Plant 2 - Final Product Handling	1							1							
GRP0023	POB03B - Powder Plant 3 - Final Product Handling	1							1							
GRP0024	POB04B - Powder Plant 4 - Final Product Handling	1							1							
GRP0025	POB05B - Powder Plant 5 - Final Product Handling	1							1							
GRP0026	POB06B - Powder Plant 6 - Final Product Handling	1							1							
GRP0027	POB07B - Powder Plant 7 - Final Product Handling	1							1							
GRP0028	POB08B - Powder Plant 8 - Final Product Handling	1							1							
GRP0029	POB09B - Powder Plant 9 - Final Product Handling	1							1							
GRP0030	POB10B - Powder Plant 10 - Final Product Handling	1							1							
GRP0031	ATB1 - ATBS Plant - Bagging Areas Operations	1							1							
UNF0001	AI166443 - Flopam Inc.	1			1		1	1	1	1	3		1		1	1

KEY TO MATRIX

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63					40 CFR			
		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0001	TNA1 - Sodium Acrylate Prep Tank TNA1			3													
EQT 0002	TNA2 - Sodium Acrylate Prep Tank TNA2			3													
EQT 0003	TNA3 - Sodium Acrylate Prep Tank TNA3			3													
EQT 0004	TNA4 - Sodium Acrylate Prep Tank TNA4			3													
EQT 0005	TNA5 - Sodium Acrylate Prep Tank TNA5			3													
EQT 0006	TAA5 - Acrylamide Plant - Acrylic Acid Storage Tank TAA5			3													
EQT 0007	TAA6 - Acrylamide Plant - Acrylic Acid Storage Tank TAA6			3													
EQT 0008	TAA7 - Acrylamide Plant - Acrylic Acid Storage Tank TAA7			3													
EQT 0009	TAA8 - Acrylamide Plant - Acrylic Acid Storage Tank TAA8			3													
EQT 0010	TAA9 - Acrylamide Plant - Acrylic Acid Storage Tank TAA9			3													
EQT 0011	TAD1 - Acrylamide Plant - Acrylamide Day Tank TAD1			3							1						
EQT 0012	TAD2 - Acrylamide Plant - Acrylamide Day Tank TAD2			3							1						
EQT 0013	TAD3 - Acrylamide Plant - Acrylamide Day Tank TAD3			3							1						
EQT 0014	TAD4 - Acrylamide Plant - Acrylamide Day Tank TAD4			3							1						
EQT 0015	TAD5 - Acrylamide Plant - Acrylamide Day Tank TAD5			3							1						
EQT 0016	TAD6 - Acrylamide Plant - Acrylamide Day Tank TAD6			3							1						
EQT 0017	TAD7 - Acrylamide Plant - Acrylamide Day Tank TAD7			3							1						
EQT 0018	TAD8 - Acrylamide Plant - Acrylamide Day Tank TAD8			3							1						
EQT 0019	TAD9 - Acrylamide Plant - Acrylamide Day Tank TAD9			3							1						
EQT 0020	TAD10 - Acrylamide Plant - Acrylamide Day Tank TAD10			3							1						
EQT 0021	TAD11 - Acrylamide Plant - Acrylamide Day Tank TAD11			3							1						
EQT 0022	TAD12 - Acrylamide Plant - Acrylamide Day Tank TAD12			3							1						
EQT 0023	TAD13 - Acrylamide Plant - Acrylamide Day Tank TAD13			3							1						
EQT 0024	TAD14 - Acrylamide Plant - Acrylamide Day Tank TAD14			3							1						
EQT 0025	TAD15 - Acrylamide Plant - Acrylamide Day Tank TAD15			3							1						
EQT 0026	TAM1 - Acrylamide Plant - Acrylamide Storage Tank TAM1			3							1						
EQT 0027	TAM2 - Acrylamide Plant - Acrylamide Storage Tank TAM2			3							1						

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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
FLOPAM INC.
AGENCY INTEREST NO. 166443
PLAQUEMINE, IBERVILLE PARISH, LOUISIANA

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63					40 CFR			
		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0028	TAM3 - Acrylamide Plant - Acrylamide Storage Tank TAM3			3							1						
EQT 0029	TAM4 - Acrylamide Plant - Acrylamide Storage Tank TAM4			3							1						
EQT 0030	TAM5 - Acrylamide Plant - Acrylamide Storage Tank TAM5			3							1						
EQT 0031	TAM6 - Acrylamide Plant - Acrylamide Storage Tank TAM6			3							1						
EQT 0032	TAM7 - Acrylamide Plant - Acrylamide Storage Tank TAM7			3							1						
EQT 0033	TAM8 - Acrylamide Plant - Acrylamide Storage Tank TAM8			3							1						
EQT 0034	TAM9 - Acrylamide Plant - Acrylamide Storage Tank TAM9			3							1						
EQT 0035	TAM10 - Acrylamide Plant - Acrylamide Storage Tank TAM10			3							1						
EQT 0036	AMC1 - Acrylamide Plant AML1 - Equipment Downstream of Reactors Handling Acrylamide																
EQT 0037	AMC2 - Acrylamide Plant AML2 - Equipment Downstream of Reactors Handling Acrylamide																
EQT 0038	AMC3 - Acrylamide Plant AML3 - Equipment Downstream of Reactors Handling Acrylamide																
EQT 0039	AMC4 - Acrylamide Plant AML4 - Equipment Downstream of Reactors Handling Acrylamide																
EQT 0040	AMC5 - Acrylamide Plant AML5 - Equipment Downstream of Reactors Handling Acrylamide																
EQT 0041	SC AMT1 - Acrylamide Plant AML1- Day Tanks ScrubberSC-AMT1														1		
EQT 0042	SC-AMT2 - Acrylamide Plant AML2- Day Tanks ScrubberSC-AMT2														1		
EQT 0043	SC-AMT3 - Acrylamide Plant AML3- Day Tanks ScrubberSC-AMT3														1		
EQT 0044	SC-AMT4 - Acrylamide Plant AML4- Day Tanks ScrubberSC-AMT4														1		
EQT 0045	SC-AMT5 - Acrylamide Plant AML5- Day Tanks ScrubberSC-AMT5														1		
EQT 0046	SC-AM1 - Acrylamide Plant AML1- Reactor AMR1 / Scrubber SC-AM1														1		
EQT 0047	SC-AM2 - Acrylamide Plant AML2- Reactor AMR2 / Scrubber SC-AM2														1		
EQT 0048	SC-AM3 - Acrylamide Plant AML3- Reactor AMR3 / Scrubber SC-AM3														1		
EQT 0049	SC-AM4 - Acrylamide Plant AML4- Reactor AMR4 / Scrubber SC-AM4														1		
EQT 0050	SC-AM5 - Acrylamide Plant AML5- Reactor AMR5 / Scrubber SC-AM5														1		

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63					40 CFR			
		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0051	SC-AMST1 - Acrylamide Plant - Acrylamide Storage Tanks Scrubber SC-AMST1																
EQT 0052	POD01 - Powder Plant - Dissolution Tanks POD01			3													
EQT 0053	POD02 - Powder Plant - Dissolution Tanks POD02			3													
EQT 0054	POD03 - Powder Plant - Dissolution Tanks POD03			3													
EQT 0055	POD04 - Powder Plant - Dissolution Tanks POD04			3													
EQT 0056	POD05 - Powder Plant - Dissolution Tanks POD05			3													
EQT 0057	POD06 - Powder Plant - Dissolution Tanks POD06			3													
EQT 0058	POD07 - Powder Plant - Dissolution Tanks POD07			3													
EQT 0059	POD08 - Powder Plant - Dissolution Tanks POD08			3													
EQT 0060	POD09 - Powder Plant - Dissolution Tanks POD09			3													
EQT 0061	POD10 - Powder Plant - Dissolution Tanks POD10			3													
EQT 0062	POR01 - Powder Plant - Reactors POR01																
EQT 0063	POR02 - Powder Plant - Reactors POR02																
EQT 0064	POR03 - Powder Plant - Reactors POR03																
EQT 0065	POR04 - Powder Plant - Reactors POR04																
EQT 0066	POR05 - Powder Plant - Reactors POR05																
EQT 0067	POR06 - Powder Plant - Reactors POR06																
EQT 0068	POR07 - Powder Plant - Reactors POR07																
EQT 0069	POR08 - Powder Plant - Reactors POR08																
EQT 0070	POR09 - Powder Plant - Reactors POR09																
EQT 0071	POR10 - Powder Plant - Reactors POR10																
EQT 0072	POG01 - Powder Plant - Grinders POG01																
EQT 0073	POG02 - Powder Plant - Grinders POG02																
EQT 0074	POG03 - Powder Plant - Grinders POG03																
EQT 0075	POG04 - Powder Plant - Grinders POG04																
EQT 0076	POG05 - Powder Plant - Grinders POG05																
EQT 0077	POG06 - Powder Plant - Grinders POG06																

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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
FLOPAM INC.
AGENCY INTEREST NO. 166443
PLAQUEMINE, IBERVILLE PARISH, LOUISIANA

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63					40 CFR			
		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0078	POG07 - Powder Plant - Grinders POG07																
EQT 0079	POG08 - Powder Plant - Grinders POG08																
EQT 0080	POG09 - Powder Plant - Grinders POG09																
EQT 0081	POG10 - Powder Plant - Grinders POG10																
EQT 0082	POD01A - Powder Plant - Dryers Line A POD01A																
EQT 0083	POD01B - Powder Plant - Dryers Line B POD01B																
EQT 0084	POD02A - Powder Plant - Dryers Line A POD02A																
EQT 0085	POD02B - Powder Plant - Dryers Line B POD02B																
EQT 0086	POD03A - Powder Plant - Dryers Line A POD03A																
EQT 0087	POD03B - Powder Plant - Dryers Line B POD03B																
EQT 0088	POD04A - Powder Plant - Dryers Line A POD04A																
EQT 0089	POD04B - Powder Plant - Dryers Line B POD04B																
EQT 0090	POD05A - Powder Plant - Dryers Line A POD05A																
EQT 0091	POD05B - Powder Plant - Dryers Line B POD05B																
EQT 0092	POD06A - Powder Plant - Dryers Line A POD06A																
EQT 0093	POD06B - Powder Plant - Dryers Line B POD06B																
EQT 0094	POD07A - Powder Plant - Dryers Line A POD07A																
EQT 0095	POD07B - Powder Plant - Dryers Line B POD07B																
EQT 0096	POD08A - Powder Plant - Dryers Line A POD08A																
EQT 0097	POD08B - Powder Plant - Dryers Line B POD08B																
EQT 0098	POD09A - Powder Plant - Dryers Line A POD09A																
EQT 0099	POD09B - Powder Plant - Dryers Line B POD09B																
EQT 0100	POD10A - Powder Plant - Dryers Line A POD10A																
EQT 0101	POD10B - Powder Plant - Dryers Line B POD10B																
EQT 0102	POB01A1 - Powder Plant - Dust Collector POB01A1																
EQT 0103	POB01A2 - Powder Plant - Dust Collector POB01A2																
EQT 0104	POB01A3 - Powder Plant - Dust Collector POB01A3																

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63					40 CFR			
		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0105	POB01A4 - Powder Plant - Dust Collector POB01A4																
EQT 0106	POB01A5 - Powder Plant - Dust Collector POB01A5																
EQT 0107	POB01A6 - Powder Plant - Dust Collector POB01A6																
EQT 0108	POB01A7 - Powder Plant - Dust Collector POB01A7																
EQT 0109	POB01A8 - Powder Plant - Dust Collector POB01A8																
EQT 0110	POB02A1 - Powder Plant - Dust Collector POB02A1																
EQT 0111	POB02A2 - Powder Plant - Dust Collector POB02A2																
EQT 0112	POB02A3 - Powder Plant - Dust Collector POB02A3																
EQT 0113	POB02A4 - Powder Plant - Dust Collector POB02A4																
EQT 0114	POB02A5 - Powder Plant - Dust Collector POB02A5																
EQT 0115	POB02A6 - Powder Plant - Dust Collector POB02A6																
EQT 0116	POB02A7 - Powder Plant - Dust Collector POB02A7																
EQT 0117	POB02A8 - Powder Plant - Dust Collector POB02A8																
EQT 0118	POB03A1 - Powder Plant - Dust Collector POB03A1																
EQT 0119	POB03A2 - Powder Plant - Dust Collector POB03A2																
EQT 0120	POB03A3 - Powder Plant - Dust Collector POB03A3																
EQT 0121	POB03A4 - Powder Plant - Dust Collector POB03A4																
EQT 0122	POB03A5 - Powder Plant - Dust Collector POB03A5																
EQT 0123	POB03A6 - Powder Plant - Dust Collector POB03A6																
EQT 0124	POB03A7 - Powder Plant - Dust Collector POB03A7																
EQT 0125	POB03A8 - Powder Plant - Dust Collector POB03A8																
EQT 0126	POB04A1 - Powder Plant - Dust Collector POB04A1																
EQT 0127	POB04A2 - Powder Plant - Dust Collector POB04A2																
EQT 0128	POB04A3 - Powder Plant - Dust Collector POB04A3																
EQT 0129	POB04A4 - Powder Plant - Dust Collector POB04A4																
EQT 0130	POB04A5 - Powder Plant - Dust Collector POB04A5																
EQT 0131	POB04A6 - Powder Plant - Dust Collector POB04A6																

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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
FLOPAM INC.
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PLAQUEMINE, IBERVILLE PARISH, LOUISIANA

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63					40 CFR			
		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0132	POB04A7 - Powder Plant - Dust Collector POB04A7																
EQT 0133	POB04A8 - Powder Plant - Dust Collector POB04A8																
EQT 0134	POB05A1 - Powder Plant - Dust Collector POB05A1																
EQT 0135	POB05A2 - Powder Plant - Dust Collector POB05A2																
EQT 0136	POB05A3 - Powder Plant - Dust Collector POB05A3																
EQT 0137	POB05A4 - Powder Plant - Dust Collector POB05A4																
EQT 0138	POB05A5 - Powder Plant - Dust Collector POB05A5																
EQT 0139	POB05A6 - Powder Plant - Dust Collector POB05A6																
EQT 0140	POB05A7 - Powder Plant - Dust Collector POB05A7																
EQT 0141	POB05A8 - Powder Plant - Dust Collector POB05A8																
EQT 0142	POB06A1 - Powder Plant - Dust Collector POB06A1																
EQT 0143	POB06A2 - Powder Plant - Dust Collector POB06A2																
EQT 0144	POB06A3 - Powder Plant - Dust Collector POB06A3																
EQT 0145	POB06A4 - Powder Plant - Dust Collector POB06A4																
EQT 0146	POB06A5 - Powder Plant - Dust Collector POB06A5																
EQT 0147	POB06A6 - Powder Plant - Dust Collector POB06A6																
EQT 0148	POB06A7 - Powder Plant - Dust Collector POB06A7																
EQT 0149	POB06A8 - Powder Plant - Dust Collector POB06A8																
EQT 0150	POB07A1 - Powder Plant - Dust Collector POB07A1																
EQT 0151	POB07A2 - Powder Plant - Dust Collector POB07A2																
EQT 0152	POB07A3 - Powder Plant - Dust Collector POB07A3																
EQT 0153	POB07A4 - Powder Plant - Dust Collector POB07A4																
EQT 0154	POB07A5 - Powder Plant - Dust Collector POB07A5																
EQT 0155	POB07A6 - Powder Plant - Dust Collector POB07A6																
EQT 0156	POB07A7 - Powder Plant - Dust Collector POB07A7																
EQT 0157	POB07A8 - Powder Plant - Dust Collector POB07A8																
EQT 0158	POB08A1 - Powder Plant - Dust Collector POB08A1																

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63					40 CFR			
		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0159	POB08A2 - Powder Plant - Dust Collector POB08A2																
EQT 0160	POB08A3 - Powder Plant - Dust Collector POB08A3																
EQT 0161	POB08A4 - Powder Plant - Dust Collector POB08A4																
EQT 0162	POB08A5 - Powder Plant - Dust Collector POB08A5																
EQT 0163	POB08A6 - Powder Plant - Dust Collector POB08A6																
EQT 0164	POB08A7 - Powder Plant - Dust Collector POB08A7																
EQT 0165	POB08A8 - Powder Plant - Dust Collector POB08A8																
EQT 0166	POB09A1 - Powder Plant - Dust Collector POB09A1																
EQT 0167	POB09A2 - Powder Plant - Dust Collector POB09A2																
EQT 0168	POB09A3 - Powder Plant - Dust Collector POB09A3																
EQT 0169	POB09A4 - Powder Plant - Dust Collector POB09A4																
EQT 0170	POB09A5 - Powder Plant - Dust Collector POB09A5																
EQT 0171	POB09A6 - Powder Plant - Dust Collector POB09A6																
EQT 0172	POB09A7 - Powder Plant - Dust Collector POB09A7																
EQT 0173	POB09A8 - Powder Plant - Dust Collector POB09A8																
EQT 0174	POB10A1 - Powder Plant - Dust Collector POB10A1																
EQT 0175	POB10A2 - Powder Plant - Dust Collector POB10A2																
EQT 0176	POB10A3 - Powder Plant - Dust Collector POB10A3																
EQT 0177	POB10A4 - Powder Plant - Dust Collector POB10A4																
EQT 0178	POB10A5 - Powder Plant - Dust Collector POB10A5																
EQT 0179	POB10A6 - Powder Plant - Dust Collector POB10A6																
EQT 0180	POB10A7 - Powder Plant - Dust Collector POB10A7																
EQT 0181	POB10A8 - Powder Plant - Dust Collector POB10A8																
EQT 0182	POB01B1 - Powder Plant - Dust Collector POB01B1																
EQT 0183	POB01B2 - Powder Plant - Dust Collector POB01B2																
EQT 0184	POB01B3 - Powder Plant - Dust Collector POB01B3																
EQT 0185	POB01B4 - Powder Plant - Dust Collector POB01B4																

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FLOPAM INC.
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PLAQUEMINE, IBERVILLE PARISH, LOUISIANA

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63					40 CFR			
		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0186	POB01B5 - Powder Plant - Dust Collector POB01B5																
EQT 0187	POB01B6 - Powder Plant - Dust Collector POB01B6																
EQT 0188	POB01B7 - Powder Plant - Dust Collector POB01B7																
EQT 0189	POB01B8 - Powder Plant - Dust Collector POB01B8																
EQT 0190	POB01B9 - Powder Plant - Dust Collector POB01B9																
EQT 0191	POB01B10 - Powder Plant - Dust Collector POB01B10																
EQT 0192	POB01B11 - Powder Plant - Dust Collector POB01B11																
EQT 0193	POB01B12 - Powder Plant - Dust Collector POB01B12																
EQT 0194	POB02B1 - Powder Plant - Dust Collector POB02B1																
EQT 0195	POB02B2 - Powder Plant - Dust Collector POB02B2																
EQT 0196	POB02B3 - Powder Plant - Dust Collector POB02B3																
EQT 0197	POB02B4 - Powder Plant - Dust Collector POB02B4																
EQT 0198	POB02B5 - Powder Plant - Dust Collector POB02B5																
EQT 0199	POB02B6 - Powder Plant - Dust Collector POB02B6																
EQT 0200	POB02B7 - Powder Plant - Dust Collector POB02B7																
EQT 0201	POB02B8 - Powder Plant - Dust Collector POB02B8																
EQT 0202	POB02B9 - Powder Plant - Dust Collector POB02B9																
EQT 0203	POB02B10 - Powder Plant - Dust Collector POB02B10																
EQT 0204	POB02B11 - Powder Plant - Dust Collector POB02B11																
EQT 0205	POB02B12 - Powder Plant - Dust Collector POB02B12																
EQT 0206	POB03B1 - Powder Plant - Dust Collector POB03B1																
EQT 0207	POB03B2 - Powder Plant - Dust Collector POB03B2																
EQT 0208	POB03B3 - Powder Plant - Dust Collector POB03B3																
EQT 0209	POB03B4 - Powder Plant - Dust Collector POB03B4																
EQT 0210	POB03B5 - Powder Plant - Dust Collector POB03B5																
EQT 0211	POB03B6 - Powder Plant - Dust Collector POB03B6																
EQT 0212	POB03B7 - Powder Plant - Dust Collector POB03B7																

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ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63					40 CFR			
		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0213	POB03B8 - Powder Plant - Dust Collector POB03B8																
EQT 0214	POB03B9 - Powder Plant - Dust Collector POB03B9																
EQT 0215	POB03B10 - Powder Plant - Dust Collector POB03B10																
EQT 0216	POB03B11 - Powder Plant - Dust Collector POB03B11																
EQT 0217	POB03B12 - Powder Plant - Dust Collector POB03B12																
EQT 0218	POB04B1 - Powder Plant - Dust Collector POB04B1																
EQT 0219	POB04B2 - Powder Plant - Dust Collector POB04B2																
EQT 0220	POB04B3 - Powder Plant - Dust Collector POB04B3																
EQT 0221	POB04B4 Powder Plant - Dust Collector POB04B4																
EQT 0222	POB04B5 - Powder Plant - Dust Collector POB04B5																
EQT 0223	POB04B6 - Powder Plant - Dust Collector POB04B6																
EQT 0224	POB04B7 - Powder Plant - Dust Collector POB04B7																
EQT 0225	POB04B8 - Powder Plant - Dust Collector POB04B8																
EQT 0226	POB04B9 - Powder Plant - Dust Collector POB04B9																
EQT 0227	POB04B10 - Powder Plant - Dust Collector POB04B10																
EQT 0228	POB04B11 - Powder Plant - Dust Collector POB04B11																
EQT 0229	POB04B12 - Powder Plant - Dust Collector POB04B12																
EQT 0230	POB05B1 - Powder Plant - Dust Collector POB05B1																
EQT 0231	POB05B2 - Powder Plant - Dust Collector POB05B2																
EQT 0232	POB05B3 - Powder Plant - Dust Collector POB05B3																
EQT 0233	POB05B4 - Powder Plant - Dust Collector POB05B4																
EQT 0234	POB05B5 - Powder Plant - Dust Collector POB05B5																
EQT 0235	POB05B6 - Powder Plant - Dust Collector POB05B6																
EQT 0236	POB05B7 - Powder Plant - Dust Collector POB05B7																
EQT 0237	POB05B8 - Powder Plant - Dust Collector POB05B8																
EQT 0238	POB05B9 - Powder Plant - Dust Collector POB05B9																
EQT 0239	POB05B10 - Powder Plant - Dust Collector POB05B10																

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		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0240	POB05B11 - Powder Plant - Dust Collector POB05B11																
EQT 0241	POB05B12 - Powder Plant - Dust Collector POB05B12																
EQT 0242	POB06B1 - Powder Plant - Dust Collector POB06B1																
EQT 0243	POB06B2 - Powder Plant - Dust Collector POB06B2																
EQT 0244	POB06B3 - Powder Plant - Dust Collector POB06B3																
EQT 0245	POB06B4 - Powder Plant - Dust Collector POB06B4																
EQT 0246	POB06B5 - Powder Plant - Dust Collector POB06B5																
EQT 0247	POB06B6 - Powder Plant - Dust Collector POB06B6																
EQT 0248	POB06B7 - Powder Plant - Dust Collector POB06B7																
EQT 0249	POB06B8 - Powder Plant - Dust Collector POB06B8																
EQT 0250	POB06B9 - Powder Plant - Dust Collector POB06B9																
EQT 0251	POB06B10 - Powder Plant - Dust Collector POB06B10																
EQT 0252	POB06B11 - Powder Plant - Dust Collector POB06B11																
EQT 0253	POB06B12 - Powder Plant - Dust Collector POB06B12																
EQT 0254	POB07B1 - Powder Plant - Dust Collector POB07B1																
EQT 0255	POB07B2 - Powder Plant - Dust Collector POB07B2																
EQT 0256	POB07B3 - Powder Plant - Dust Collector POB07B3																
EQT 0257	POB07B4 - Powder Plant - Dust Collector POB07B4																
EQT 0258	POB07B5 - Powder Plant - Dust Collector POB07B5																
EQT 0259	POB07B6 - Powder Plant - Dust Collector POB07B6																
EQT 0260	POB07B7 - Powder Plant - Dust Collector POB07B7																
EQT 0261	POB07B8 - Powder Plant - Dust Collector POB07B8																
EQT 0262	POB07B9 - Powder Plant - Dust Collector POB07B9																
EQT 0263	POB07B10 - Powder Plant - Dust Collector POB07B10																
EQT 0264	POB07B11 - Powder Plant - Dust Collector POB07B11																
EQT 0265	POB07B12 - Powder Plant - Dust Collector POB07B12																
EQT 0266	POB08B1 - Powder Plant - Dust Collector POB08B1																

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EQT 0267	POB08B2 - Powder Plant - Dust Collector POB08B2																
EQT 0268	POB08B3 - Powder Plant - Dust Collector POB08B3																
EQT 0269	POB08B4 - Powder Plant - Dust Collector POB08B4																
EQT 0270	POB08B5 - Powder Plant - Dust Collector POB08B5																
EQT 0271	POB08B6 - Powder Plant - Dust Collector POB08B6																
EQT 0272	POB08B7 - Powder Plant - Dust Collector POB08B7																
EQT 0273	POB08B8 - Powder Plant - Dust Collector POB08B8																
EQT 0274	POB08B9 - Powder Plant - Dust Collector POB08B9																
EQT 0275	POB08B10 - Powder Plant - Dust Collector POB08B10																
EQT 0276	POB08B11 - Powder Plant - Dust Collector POB08B11																
EQT 0277	POB08B12 - Powder Plant - Dust Collector POB08B12																
EQT 0278	POB09B1 - Powder Plant - Dust Collector POB09B1																
EQT 0279	POB09B2 - Powder Plant - Dust Collector POB09B2																
EQT 0280	POB09B3 - Powder Plant - Dust Collector POB09B3																
EQT 0281	POB09B4 - Powder Plant - Dust Collector POB09B4																
EQT 0282	POB09B5 - Powder Plant - Dust Collector POB09B5																
EQT 0283	POB09B6 - Powder Plant - Dust Collector POB09B6																
EQT 0284	POB09B7 - Powder Plant - Dust Collector POB09B7																
EQT 0285	POB09B8 - Powder Plant - Dust Collector POB09B8																
EQT 0286	POB09B9 - Powder Plant - Dust Collector POB09B9																
EQT 0287	POB09B10 - Powder Plant - Dust Collector POB09B10																
EQT 0288	POB09B11 - Powder Plant - Dust Collector POB09B11																
EQT 0289	POB09B12 - Powder Plant - Dust Collector POB09B12																
EQT 0290	POB10B1 - Powder Plant - Dust Collector POB10B1																
EQT 0291	POB10B2 - Powder Plant - Dust Collector POB10B2																
EQT 0292	POB10B3 - Powder Plant - Dust Collector POB10B3																
EQT 0293	POB10B4 - Powder Plant - Dust Collector POB10B4																

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EQT 0294	POB10B5 - Powder Plant - Dust Collector POB10B5																
EQT 0295	POB10B6 - Powder Plant - Dust Collector POB10B6																
EQT 0296	POB10B7 - Powder Plant - Dust Collector POB10B7																
EQT 0297	POB10B8 - Powder Plant - Dust Collector POB10B8																
EQT 0298	POB10B9 - Powder Plant - Dust Collector POB10B9																
EQT 0299	POB10B10 - Powder Plant - Dust Collector POB10B10																
EQT 0300	POB10B11 - Powder Plant - Dust Collector POB10B11																
EQT 0301	POB10B12 - Powder Plant - Dust Collector POB10B12																
EQT 0302	POPKG1 - Powder Plant - Packaging Area 1 - Dust Collector POPKG1																
EQT 0303	POPKG2 - Powder Plant - Packaging Area 2 - Dust Collector POPKG2																
EQT 0304	POTTBH - Powder Plant - Truck Loading Area – Dust Collector POTTBH																
EQT 0305	POTTBV1 - Powder Plant - Truck Loading Area Silo – Dust Collector POTTBV1																
EQT 0306	POTTBV2 - Powder Plant - Truck Loading Area Silo – Dust Collector POTTBV2																
EQT 0307	PORCBH - Powder Plant - Railcar Loading Area – Dust Collector PORCBH																
EQT 0308	PORCBV1 - Powder Plant - Railcar Loading Area Silo – Dust Collector PORCBV1																
EQT 0309	PORCBV2 - Powder Plant - Railcar Loading Area Silo – Dust Collector PORCBV2																
EQT 0310	PORCBV3 - Powder Plant - Railcar Loading Area Silo – Dust Collector PORCBV3																
EQT 0311	PORCBV4 - Powder Plant - Railcar Loading Area Silo – Dust Collector PORCBV4																
EQT 0312	TAA1 - Main Acrylic Acid Storage Tank TAA1			3													
EQT 0313	TAA2 - Main Acrylic Acid Storage Tank TAA2			3													
EQT 0314	TAA3 - Main Acrylic Acid Storage Tank TAA3			3													
EQT 0315	TAA4 - Main Acrylic Acid Storage Tank TAA4			3													
EQT 0316	TAD16 - Powder Plant - Acrylamide Day Tank TAD16			3													
EQT 0317	TAD17 - Powder Plant - Acrylamide Day Tank TAD17			3													
EQT 0318	TAD18 - Powder Plant - Acrylamide Day Tank TAD18			3													
EQT 0319	TAD19 - Powder Plant - Acrylamide Day Tank TAD19			3													
EQT 0320	TAD20 - Powder Plant - Acrylamide Day Tank TAD20			3													

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EQT 0321	EMD01 - Emulsion Plant Line 1 - Dissolution Tank EMD01			3									1				
EQT 0322	EMD02 - Emulsion Plant Line 2 - Dissolution Tank EMD02			3									1				
EQT 0323	EMD03 - Emulsion Plant Line 3 - Dissolution Tank EMD03			3									1				
EQT 0324	EMD04 - Emulsion Plant Line 4 - Dissolution Tank EMD04			3									1				
EQT 0325	EMD05 - Emulsion Plant Line 5 - Dissolution Tank EMD05			3									1				
EQT 0326	EMD06 - Emulsion Plant Line 6 - Dissolution Tank EMD06			3									1				
EQT 0327	EMD07 - Emulsion Plant Line 7 - Dissolution Tank EMD07			3									1				
EQT 0328	EMD08 - Emulsion Plant Line 8 - Dissolution Tank EMD08			3									1				
EQT 0329	EMD09 - Emulsion Plant Line 9 - Dissolution Tank EMD09			3									1				
EQT 0330	EMD10 - Emulsion Plant Line 10 - Dissolution Tank EMD10			3									1				
EQT 0331	EMR01 - Emulsion Plant Line 1 - Reactor EMR01												1				
EQT 0332	EMR02 - Emulsion Plant Line 2 - Reactor EMR02												1				
EQT 0333	EMR03 - Emulsion Plant Line 3 - Reactor EMR03												1				
EQT 0334	EMR04 - Emulsion Plant Line 4 - Reactor EMR04												1				
EQT 0335	EMR05 - Emulsion Plant Line 5 - Reactor EMR05												1				
EQT 0336	EMR06 - Emulsion Plant Line 6 - Reactor EMR06												1				
EQT 0337	EMR07 - Emulsion Plant Line 7 - Reactor EMR07												1				
EQT 0338	EMR08 - Emulsion Plant Line 8 - Reactor EMR08												1				
EQT 0339	EMR09 - Emulsion Plant Line 9 - Reactor EMR09												1				
EQT 0340	EMR10 - Emulsion Plant Line 10 - Reactor EMR10												1				
EQT 0341	SCEM1 - Emulsion Plant Line 1-2 Scrubber SCEM1																
EQT 0342	EM1 - Emulsion Plant Line 3 Through Line 10 – Common Vent EM1																
EQT 0343	TAD21 - Emulsion Plant - Acrylamide Day Tank TAD21			3													
EQT 0344	SPR1 - Specialty Product Line 1 - Base Reactor SPR1																
EQT 0345	SC-SP1 - Specialty Product Line 1 Reaction & Neutralization Tank / Scrubber SC-SP1																

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EQT 0346	SC-SP2 - Specialty Product Line 2 Reaction & Neutralization Tank / Scrubber SC-SP2																
EQT 0347	TAD22 - Specialty Product - Acrylamide Day Tank TAD22			3									1				
EQT 0348	DADR - DADMAC Plant - Monomer Reactors DADR																
EQT 0349	DADORG - DADMAC Plant - Organic Receiver DADORG																
EQT 0350	DADLL - DADMAC Plant - Liquid/Liquid Separator DADLL																
EQT 0351	DADOH - DADMAC Plant - Allyl Alcohol Receivers DADOH																
EQT 0352	TAOH-1 - DADMAC Plant - Allyl Alcohol Storage Tank TAOH-1			3													
EQT 0353	DADDC - DADMAC Plant - Allyl Alcohol Distillation Column DADDC																
EQT 0354	TO-DAD1 - DADMAC Plant - Thermal Oxidizer TO-DAD1											1	1				
EQT 0355	SC-DAD1 - DADMAC Plant - Thermal Oxidizer Vent Scrubber SC-DAD1											1	1				
EQT 0356	PA-1 - Polyamine Plant - Reactor PA-1																
EQT 0357	PA-2 - Polyamine Plant - Reactor PA-2																
EQT 0358	SC-PA1 - Polyamine Plant - Reactor Vent Scrubber SC-PA1																
EQT 0359	TEP1 - Epichlorohydrin Tank TEP1			3									1				
EQT 0360	TAE1 - ADAM Plant - Acrylate Ester Storage Tank TAE1			3									1				
EQT 0361	TAE2 - ADAM Plant - Acrylate Ester Storage Tank TAE2			3									1				
EQT 0362	AD-R1 - ADAM Plant - Transesterification Reactor/ColumnR1				1												
EQT 0363	AD-R2 - ADAM Plant - Transesterification Reactor/ColumnR2				1												
EQT 0364	AD-DOH1 - ADAM Plant - Saponification Reactor/ColumnDOH1				1												
EQT 0365	AD-D1 - ADAM Plant - Product Distillation AD-D1																
EQT 0366	TD1 - ADAM Plant - Recycle Reactant Tank TD1			3									1				
EQT 0367	TAZ1 - ADAM Plant - Azeotrope Tank TAZ1			3									1				
EQT 0368	TCE1 - ADAM Plant - Crude Ester Tank TCE1			3									1				
EQT 0369	AT-MR1 - ATBS Plant - Mixing/Reactors AT-MR1																
EQT 0370	AT-AR1 - ATBS Plant - Acrylonitrile Recovery AT-AR1																
EQT 0371	AT-DRY1 - ATBS Plant - Dryer AT-DRY1																

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		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0372	TO-AD1 - ADAM/ATBS Plant Thermal Oxidizer TO-AD1				1							1	1				
EQT 0373	TO-AD2 - ADAM/ATBS Plant Thermal Oxidizer TO-AD2 (Back-up)				1							1	1				
EQT 0374	TALC1 - ADAM Plant - Alcohol Co-Product Tank TALC1			1									1				
EQT 0375	TALC2 - ADAM Plant - Alcohol Co-Product Tank TALC2			1									1				
EQT 0376	THX1 - ADAM Plant - Hexane Storage Tank THX1			3									1				
EQT 0377	TRA1 - ADAM Plant - Dimethylaminoethanol Tank TRA1			3													
EQT 0378	TRA2 - ADAM Plant - Dimethylaminoethanol Tank TRA2			3													
EQT 0379	THC1 - Hydrochloric Acid Storage Tank THC1			3									1				
EQT 0380	THC2 - Hydrochloric Acid Storage Tank THC2			3									1				
EQT 0381	SC-HC1 - HCl Storage Tank Vent ScrubberSC-HC1																
EQT 0382	CM1 - Chloromethylation Plant - Reactors CM1																
EQT 0383	TO-CM1 - Chloromethylation Plant - Thermal Oxidizer TOCM1											1	1				
EQT 0384	SC-CM1 - Chloromethylation Plant - Thermal Oxidizer Vent Scrubber SC-CM1											1	1				
EQT 0385	AT-SL1 - ATBS Plant - Silo AT-SL1																
EQT 0386	AT-SL2 - ATBS Plant - Silo AT-SL2																
EQT 0387	AT-SL3 - ATBS Plant - Silo AT-SL3																
EQT 0388	AT-SL4 - ATBS Plant - Silo AT-SL4																
EQT 0389	AT-HP1 - ATBS Plant - Hopper AT-HP1																
EQT 0390	AT-HP2 - ATBS Plant - Hopper AT-HP2																
EQT 0391	AT-HP3 - ATBS Plant - Hopper AT-HP3																
EQT 0392	AT-HP4 - ATBS Plant - Hopper AT-HP4																
EQT 0393	AT-BG1 - ATBS Plant - Bagging Operations AT-BG1																
EQT 0394	AT-BG2 - ATBS Plant - Bagging Operations AT-BG2																
EQT 0395	AT-BG3 - ATBS Plant - Bagging Operations AT-BG3																
EQT 0396	AT-BG4 - ATBS Plant - Bagging Operations AT-BG4																
EQT 0397	TLM1 - ATBS Plant - Oleum Storage Tank TLM1			3													
EQT 0398	TLM2 - ATBS Plant - Oleum Storage Tank TLM2			3													

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EQT 0399	TLM3 - ATBS Plant - Oleum Storage Tank TLM3			3													
EQT 0400	TLMD1 - ATBS Plant - Oleum Day Tank TLMD1																
EQT 0401	SC-LM1 - ATBS Plant - Oleum Tank Vent Scrubber SC-LM1																
EQT 0402	B1 - Boiler B1		1														
EQT 0403	B2 - Boiler B2		1														
EQT 0404	B3 - Boiler B3		1														
EQT 0405	B4 - Boiler B4		1														
EQT 0406	B5 - Boiler B5		1														
EQT 0407	B6 - Boiler B6		1														
EQT 0408	B7 - Boiler B7		1														
EQT 0409	B8 - Boiler B8		1														
EQT 0410	B9 - Boiler B9		1														
EQT 0411	B10 - Boiler B10		1														
EQT 0412	TIB1 - IB Pressurized Tank TIB1			3									3				
EQT 0413	TIB2 - IB Pressurized Tank TIB2			3									3				
EQT 0414	TIB3 - IB Pressurized Tank TIB3			3									3				
EQT 0415	TIB4 - IB Pressurized Tank TIB4			3									3				
EQT 0416	TIB5 - IB Pressurized Tank TIB5			3									3				
EQT 0417	TIBD1 - IB Pressurized Day Tank TIBD1			3									3				
EQT 0418	TAC1 - AC Pressurized Tank TAC1			3									3				
EQT 0419	TAC2 - AC Pressurized Tank TAC2			3									3				
EQT 0420	TDM1 - DM Pressurized Tank TDM1			3									3				
EQT 0421	TDM2 - DM Pressurized Tank TDM2			3									3				
EQT 0422	TCM1 - CM Pressurized Tank TCM1			3									3				
EQT 0423	TCM2 - CM Pressurized Tank TCM2			3									3				
EQT 0424	TAN1 - AN Pressurized Tank TAN1			3									3				
EQT 0425	TAN2 - AN Pressurized Tank TAN2			3									3				

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EQT 0426	TAN3 - AN Pressurized Tank TAN3			3									3				
EQT 0427	TAN4 - AN Pressurized Tank TAN4			3									3				
EQT 0428	TAN5 - AN Pressurized Tank TAN5			3									3				
EQT 0429	TAN6 - AN Pressurized Tank TAN6			3									3				
EQT 0430	TAN7 - AN Pressurized Tank TAN7			3									3				
EQT 0431	TAN8 - AN Pressurized Tank TAN8			3									3				
EQT 0432	TAN9 - AN Pressurized Tank TAN9			3									3				
EQT 0433	TAN10 - AN Pressurized Tank TAN10			3									3				
EQT 0434	TAN11 - AN Pressurized Tank TAN11			3									3				
EQT 0435	TAN12 - AN Pressurized Tank TAN12			3									3				
EQT 0436	TAN13 - AN Day Storage Tank TAN13			3									1				
EQT 0437	SOLCC - Solvent Cold Cleaners SOLCC																
EQT 0438	TEG1 - Ethylene Glycol Storage Tank TEG1																
EQT 0439	TEG2 - Ethylene Glycol Storage Tank TEG2																
EQT 0440	TEG3 - Ethylene Glycol Storage Tank TEG3																
EQT 0441	TEG4 - Ethylene Glycol Storage Tank TEG4																
EQT 0442	TQM1 - Quaternized/Cationic Monomer Storage Tank TQM1																
EQT 0443	TQM2 - Quaternized/Cationic Monomer Storage Tank TQM2																
EQT 0444	TQM3 - Quaternized/Cationic Monomer Storage Tank TQM3																
EQT 0445	TQM4 - Quaternized/Cationic Monomer Storage Tank TQM4																
EQT 0446	TQM5 - Quaternized/Cationic Monomer Storage Tank TQM5																
EQT 0447	TQM6 - Quaternized/Cationic Monomer Storage Tank TQM6																
EQT 0448	TQM7 - Quaternized/Cationic Monomer Storage Tank TQM7																
EQT 0449	TQM8 - Quaternized/Cationic Monomer Storage Tank TQM8																
EQT 0450	TQM9 - Quaternized/Cationic Monomer Storage Tank TQM9																
EQT 0451	TQM10 - Quaternized/Cationic Monomer Storage Tank TQM10																
EQT 0452	TEXM1 - Process Oil Storage Tank TEXM1																

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EQT 0453	TEX11 - Process Oil Storage Tank TEX11																
EQT 0454	TEX12 - Process Oil Storage Tank TEX12																
EQT 0455	TEX13 - Process Oil Storage Tank TEX13																
EQT 0456	TNH1 - Ammonium Hydroxide Pressurized Storage Tank TNH1			3									3				
EQT 0457	TNH2 - Ammonium Hydroxide Pressurized Storage Tank TNH2			3									3				
EQT 0458	TAN1 - Acrylonitrile Pressurized Storage Tank TAN1			3									3				
EQT 0459	TAN2 - Acrylonitrile Pressurized Storage Tank TAN2			3									3				
EQT 0460	TAN3 - Acrylonitrile Pressurized Storage Tank TAN3			3									3				
EQT 0461	TAN4 - Acrylonitrile Pressurized Storage Tank TAN4			3									3				
EQT 0462	TAN5 - Acrylonitrile Pressurized Storage Tank TAN5			3									3				
EQT 0463	TAN6 - Acrylonitrile Pressurized Storage Tank TAN6			3									3				
EQT 0464	TAN7 - Acrylonitrile Pressurized Storage Tank TAN7			3									3				
EQT 0465	TAN8 - Acrylonitrile Pressurized Storage Tank TAN8			3									3				
EQT 0466	TAN9 - Acrylonitrile Pressurized Storage Tank TAN9			3									3				
EQT 0467	TAN10 - Acrylonitrile Pressurized Storage Tank TAN10			3									3				
EQT 0468	TAN11 - Acrylonitrile Pressurized Storage Tank TAN11			3									3				
EQT 0469	TAN12 - Acrylonitrile Pressurized Storage Tank TAN12			3									3				
EQT 0470	TAC1 - Allyl Chloride Pressurized Storage Tank TAC1			3									3				
EQT 0471	TAC2 - Allyl Chloride Pressurized Storage Tank TAC2			3									3				
EQT 0472	TDM1 - Dimethylamine Pressurized Storage Tank TDM1			3									3				
EQT 0473	TDM2 - Dimethylamine Pressurized Storage Tank TDM2			3									3				
EQT 0474	TMC1 - Methyl Chloride Pressurized Storage Tank TMC1			3									3				
EQT 0475	TMC2 - Methyl Chloride Pressurized Storage Tank TMC2			3									3				
EQT 0476	TIBD1 - Isobutene Pressurized Day Storage Tank TIBD1			3									3				
EQT 0477	TIB1 - Isobutene Pressurized Storage Tank TIB1			3									3				
EQT 0478	TIB2 - Isobutene Pressurized Storage Tank TIB2			3									3				
EQT 0479	TIB3 - Isobutene Pressurized Storage Tank TIB3			3									3				

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		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0480	TIB4 - Isobutene Pressurized Storage Tank TIB4			3									3				
EQT 0481	TIB5 - Isobutene Pressurized Storage Tank TIB5			3									3				
EQT 0482	EPEV1 - Emulsion Plant Wastewater Evaporator EPEV1																
EQT 0483	SPEV1 - Specialty Products Line Evaporator SPEV1																
EQT 0484	TWE1 - Emulsion Plant Wash Tank TWE1																
EQT 0485	TCW1 - Emulsion Plant Clear Water Tank TCW1																
EQT 0486	TMP1 - Emulsion Product Storage Tank TMP1																
EQT 0487	TMP2 - Emulsion Product Storage Tank TMP2																
EQT 0488	TMP3 - Emulsion Product Storage Tank TMP3																
EQT 0489	TMP4 - Emulsion Product Storage Tank TMP4																
EQT 0490	TMP5 - Emulsion Product Storage Tank TMP5																
EQT 0491	TMP6 - Emulsion Product Storage Tank TMP6																
EQT 0492	TMP7 - Emulsion Product Storage Tank TMP7																
EQT 0493	TMP8 - Emulsion Product Storage Tank TMP8																
EQT 0494	TMP9 - Emulsion Product Storage Tank TMP9																
EQT 0495	TMP10 - Emulsion Product Storage Tank TMP10																
EQT 0496	TMP11 - Emulsion Product Storage Tank TMP11																
EQT 0497	TMP12 - Emulsion Product Storage Tank TMP12																
EQT 0498	TMP13 - Emulsion Product Storage Tank TMP13																
EQT 0499	TMP14 - Emulsion Product Storage Tank TMP14																
EQT 0500	TMP15 - Emulsion Product Storage Tank TMP15																
EQT 0501	TMP16 - Emulsion Product Storage Tank TMP16																
EQT 0502	TMP17 - Emulsion Product Storage Tank TMP17																
EQT 0503	TMP18 - Emulsion Product Storage Tank TMP18																
EQT 0504	TMP19 - Emulsion Product Storage Tank TMP19																
EQT 0505	TMP20 - Emulsion Product Storage Tank TMP20																
EQT 0506	TMP21 - Specialty Products Line Base Storage Tank TMP21																

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ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63					40 CFR			
		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0507	TMP22 - Specialty Products Line Base Storage Tank TMP22																
EQT 0508	TMP23 - Specialty Products Line Base Storage Tank TMP23																
EQT 0509	TMP24 - Specialty Products Line Intermediate Product Storage Tank TMP24																
EQT 0510	TMP25 - Specialty Products Line Intermediate Product Storage Tank TMP25																
EQT 0511	TMP26 - Specialty Products Line Intermediate Product Storage Tank TMP26																
EQT 0512	TMP27 - Specialty Products Line Concentrated Product Storage Tank TMP27																
EQT 0513	TMP28 - Specialty Products Line Concentrated Product Storage Tank TMP28																
EQT 0514	TMP29 - Specialty Products Line Concentrated Product Storage Tank TMP29																
EQT 0515	TMP30 - Specialty Products Line Concentrated Product Storage Tank TMP30																
EQT 0516	TMP31 - Specialty Products Line Concentrated Product Storage Tank TMP31																
EQT 0517	TMP32 - Specialty Products Line Concentrated Product Storage Tank TMP32																
EQT 0518	TMP33 - Specialty Products Line Concentrated Product Storage Tank TMP33																
EQT 0519	TMP34 - Specialty Products Line Concentrated Product Storage Tank TMP34																
EQT 0520	TMP35 - PolyDADMAC Storage Tank TMP35																
EQT 0521	TMP36 - PolyDADMAC Storage Tank TMP36																
EQT 0522	TMP37 - PolyDADMAC Storage Tank TMP37																
EQT 0523	TMP38 - PolyDADMAC Storage Tank TMP38																
EQT 0524	TMP39 - PolyDADMAC Storage Tank TMP39																
EQT 0525	TMP40 - PolyDADMAC Storage Tank TMP40																
EQT 0526	TMP41 - PolyDADMAC Storage Tank TMP41																
EQT 0527	TMP42 - PolyDADMAC Storage Tank TMP42																
EQT 0528	TMP43 - DADMAC Monomer Storage Tank TMP43																
EQT 0529	TMP44 - DADMAC Monomer Storage Tank TMP44																
EQT 0530	TMP45 - DADMAC Monomer Storage Tank TMP45																
EQT 0531	TMP46 - DADMAC Monomer Storage Tank TMP46																
EQT 0532	TMP47 - DADMAC Polymer Rerun Tank TMP47																
EQT 0533	TMP48 - DADMAC Polymer Blend Tank TMP48																

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ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63					40 CFR			
		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0534	TMP49 - DADMAC Polymer Blend Tank TMP49																
EQT 0535	TMP50 - DADMAC Polymer Blend Tank TMP50																
EQT 0536	TMP51 - DADMAC Monomer Blend Tank TMP51																
EQT 0537	TMP52 - DADMAC Monomer Blend Tank TMP52																
EQT 0538	TMP53 - DADMAC Monomer Blend Tank TMP53																
EQT 0539	TMP54 - Polyamine Product Storage Tank TMP54																
EQT 0540	TMP55 - Polyamine Product Storage Tank TMP55																
EQT 0541	TMP56 - Polyamine Product Storage Tank TMP56																
EQT 0542	TMP57 - Polyamine Product Storage Tank TMP57																
EQT 0543	TMP58 - Polyamine Product Storage Tank TMP58																
EQT 0544	TMP59 - Polyamine Product Storage Tank TMP59																
EQT 0545	TMP60 - Polyamine Product Storage Tank TMP60																
EQT 0546	TMP61 - Polyamine Product Storage Tank TMP61																
EQT 0547	TMP62 - Polyamine Product Rerun Tank TMP62																
EQT 0548	TADA1 - ADAM Product Storage Tank TADA1																
EQT 0549	TADA2 - ADAM Product Storage Tank TADA2																
EQT 0550	TADA3 - ADAM Product Storage Tank TADA3																
EQT 0551	TADA4 - ADAM Product Storage Tank TADA4																
EQT 0552	TSW1 - Polysodium Acrylate Storage Tank TSW1																
EQT 0553	TWW1 - ADAM Plant Washwater Tank TWW1																
EQT 0554	TCHK1 - ADAM Product Check Tank TCHK1																
EQT 0555	TCHK2 - ADAM Product Check Tank TCHK2																
EQT 0556	TRS1 - ADAM Plant Catalyst Residue Tank TRS1																
EQT 0557	TCWW2 - ATBS Water/Salt Storage Tank TWW2																
EQT 0558	TAPS1 - APS Storage Tank TAPS1																
EQT 0559	TSBS1 - SBS Storage Tank TSBS1																
EQT 0560	TNHA1 - Ammonium Adipate Storage Tank TNHA1																

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		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0561	TBIO1 - Biocide Storage Tank TBIO1																
EQT 0562	TDCW1 - DADMAC Recycle Water Tank TDCW1																
EQT 0563	TAMC1 - Acrylamide Catalyst Storage Tank TAMC1																
EQT 0564	TAMC2 - Acrylamide Catalyst Storage Tank TAMC2																
EQT 0565	TAMC3 - Acrylamide Catalyst Storage Tank TAMC3																
EQT 0566	TAMC4 - Acrylamide Catalyst Storage Tank TAMC4																
EQT 0567	TAMC5 - Acrylamide Catalyst Storage Tank TAMC5																
EQT 0568	TWWA1 - Acrylamide Washwater Tank TWWA1																
EQT 0569	TAMCP1 - Acrylamide Catalyst Prep Tank TAMCP1																
EQT 0570	TAMCP2 - Acrylamide Catalyst Prep Tank TAMCP2																
EQT 0571	TAMCP3 - Acrylamide Catalyst Prep Tank TAMCP3																
EQT 0572	TAMCP4 - Acrylamide Catalyst Prep Tank TAMCP4																
EQT 0573	TAMCP5 - Acrylamide Catalyst Prep Tank TAMCP5																
EQT 0574	TAMFC1 - Acrylamide Filtered Catalyst Tank TAMFC1																
EQT 0575	TAMFC2 - Acrylamide Filtered Catalyst Tank TAMFC2																
EQT 0576	TAMFC3 - Acrylamide Filtered Catalyst Tank TAMFC3																
EQT 0577	TAMFC4 - Acrylamide Filtered Catalyst Tank TAMFC4																
EQT 0578	TAMFC5 - Acrylamide Filtered Catalyst Tank TAMFC5																
EQT 0579	TMX1 - Emulsion Plant Mix Tank TMX1																
EQT 0580	TMX2 - Emulsion Plant Mix Tank TMX2																
EQT 0581	TMX3 - Emulsion Plant Mix Tank TMX3																
EQT 0582	TMX4 - Emulsion Plant Mix Tank TMX4																
EQT 0583	TMX5 - Emulsion Plant Mix Tank TMX5																
EQT 0584	TMX6 - Emulsion Plant Mix Tank TMX6																
EQT 0585	DADPR1 - PolyDADMAC Reactor DADPR1																
EQT 0586	DADPR2 - PolyDADMAC Reactor DADPR2																
EQT 0587	DADPR3 - PolyDADMAC Reactor DADPR3																

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ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63					40 CFR			
		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
EQT 0588	DADPR4 - PolyDADMAC Reactor DADPR4																
FUG 0001	FUG - Sitewide Fugitive Emissions														1		
FUG 0002	ROAD - Roadway Fugitive Emissions																
GRP0001	PO01 - Powder Plant 1 - Process Sources																
GRP0002	PO02 - Powder Plant 2 - Process Sources																
GRP0003	PO03 - Powder Plant 3 - Process Sources																
GRP0004	PO04 - Powder Plant 4 - Process Sources																
GRP0005	PO05 - Powder Plant 5 - Process Sources																
GRP0006	PO06 - Powder Plant 6 - Process Sources																
GRP0007	PO07 - Powder Plant 7 - Process Sources																
GRP0008	PO08 - Powder Plant 8 - Process Sources																
GRP0009	PO09 - Powder Plant 9 - Process Sources																
GRP0010	PO10 - Powder Plant 10 - Process Sources																
GRP0011	POB01A - Powder Plant 1 - Screening, Bagging, Packaging																
GRP0012	POB02A - Powder Plant 2 - Screening, Bagging, Packaging																
GRP0013	POB03A - Powder Plant 3 - Screening, Bagging, Packaging																
GRP0014	POB04A - Powder Plant 4 - Screening, Bagging, Packaging																
GRP0015	POB05A - Powder Plant 5 - Screening, Bagging, Packaging																
GRP0016	POB06A - Powder Plant 6 - Screening, Bagging, Packaging																
GRP0017	POB07A - Powder Plant 7 - Screening, Bagging, Packaging																
GRP0018	POB08A - Powder Plant 8 - Screening, Bagging, Packaging																
GRP0019	POB09A - Powder Plant 9 - Screening, Bagging, Packaging																
GRP0020	POB10A - Powder Plant 10 - Screening, Bagging, Packaging																
GRP0021	POB01B - Powder Plant 1 - Final Product Handling																
GRP0022	POB02B - Powder Plant 2 - Final Product Handling																
GRP0023	POB03B - Powder Plant 3 - Final Product Handling																
GRP0024	POB04B - Powder Plant 4 - Final Product Handling																

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ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63					40 CFR			
		A	Dc	Kb	NNN	A	F	M	A	F	G	SS	FFFF	64	65	68	72
GRP0025	POB05B - Powder Plant 5 - Final Product Handling																
GRP0026	POB06B - Powder Plant 6 - Final Product Handling																
GRP0027	POB07B - Powder Plant 7 - Final Product Handling																
GRP0028	POB08B - Powder Plant 8 - Final Product Handling																
GRP0029	POB09B - Powder Plant 9 - Final Product Handling																
GRP0030	POB10B - Powder Plant 10 - Final Product Handling																
GRP0031	ATB1 - ATBS Plant - Bagging Areas Operations																
UNF0001	AI166443 - Flopam Inc.													3		1	3

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 criterion, 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, and fugitives) but do not apply to this particular emission source.

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

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No.	Requirement	Status	Citation	Explanation
EQT0001- EQT0035, EQT0052 - EQT0061, EQT0312 - EQT0330, EQT0343, EQT0347 EQT0352, EQT0359, EQT0360, EQT0361, EQT0366, EQT0367, EQT0368 EQT0377 – EQT0380, EQT0397 – EQT0400	LAC 33:III.2103. Storage of VOC	Does not apply	LAC 33:III.2103.A	Vapor Pressure < 1.5 psia or not store VOC
	40 CFR 60 Subpart Kb for tanks	Does not apply	40 CFR 60.110b	Tank volume < 19,813 gallons or vapor pressure < 0.51 psia or not store VOL
EQT0341, EQT0355, EQT0372, EQT0373, EQT0384, EQT0402 – EQT0411	LAC 33:III. Chapter 15	Does not apply	LAC 33:III.1502.A.3	SO_2 emissions from each combustion device < 5 tons/year
EQT0342	LAC 33:III.1503.C. Emission Standards for Sulfur Dioxide	Exempt	LAC 33:III.1503.C	SO_2 emissions < 250 tons/year
	LAC 33:III.1511 CEM for SO_2	Exempt	LAC 33:III.1511.A	SO_2 emissions < 100 tons/year
EQT0376, EQT436	40 CFR 60 Subpart Kb for tanks	Does not apply	40 CFR 60.110b	Tank volume < 19,813 gallons or vapor pressure < 0.51 psia or not store VOL
EQT0412 – EQT0435 EQT0456 – EQT0481	40 CFR 60 Subpart Kb for tanks	Does not apply	40 CFR 60.110b(d)(2)	Pressurized tanks
	40 CFR 63 Subpart FFFF – MON Rules	Does not apply	40 CFR 63.2550(i)	Not classified as MON tanks Pressurized tanks
FUG0001	LAC 33:III.2111 – Pumps & Compressors	Does not apply	LAC 33:III.2111.A	Rotary pumps or compressors will not be used to handle material with vapor pressures > 1.5 psia
UNF0001	40 CFR Part 64 – CAM Rules	Does not apply	40 CFR 64	Equipment does not an active control device or pre control potential emissions < 100 tons/yr or subject to a standard that was promulgated after November 15, 1990

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 X of this permit

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XII. Non-attainment New Source Review (NNSR):

The proposed facility will be located near Plaquemine, in the Iberville Parish, which is a part of the Baton Rouge non-attainment area for ozone. NO_X and VOC (precursors for ozone) emissions will be above the non-attainment area major source thresholds. A netting analysis is required for NO_X and VOC. This is a proposed facility; therefore, there is no creditable reduction during the contemporaneous period. Net NO_X and VOC emissions will be more than the Nonattainment New Source Review (NNSR) significance levels. NO_X and VOC emissions from the Flopam Facility will be controlled to the Lowest Achievable Emission Rates (LAER). The net emissions increases are then offset by creditable reduction from other facilities in the area.

LAER for NO_X emissions:

Selective catalytic reduction (SCR) is the most effective post-combustion NO_X control method analyzed. In the process, a reducing agent is introduced into the flue gas upstream of a catalyst bed which is maintained at elevated temperature. An SCR can reduce NO_X emissions by 80% - 90% using ammonia as the reducing agent. However, ammonia emissions are a negative side effect of the technology. Implementing SCR would require substantial capital expenditures and additional energy to keep the catalyst bed at high temperatures. Beside the high costs related to the construction and operation, the SCR also has some safety concerns, technical difficulties, and negative environmental impacts associated with ammonia emissions as well as catalyst handling and disposal.

Selective non-catalytic reduction (SNCR) is a post-combustion process in which a reagent mixture is injected into the elevated temperature flue gas stream. Using urea solution as the reagent, the process can reduce 85% of NO_X into nitrogen, water, and carbon dioxide. The process may release ammonia during the incomplete decomposition of urea. Additional energy is required to increase flue gas temperatures to process conditions.

Staged combustion (low NO_X) burners (LNB) are designed for distributed air flow and minimal flame length to optimize furnace conditions and minimize NO_X levels. The amount of NO_X formed during combustion is influenced by time, temperature, and oxygen concentration. Low NO_X burners minimize NO_X formation by lowering flame temperatures through staged fuel and combustion air. The technology can be improved by combining with other techniques, such as flue gas recirculation. The Ultra LNB (ULNB) can reduce NO_X emissions to 0.015 lbs/MM BTU or 9.0 ppmv. The technology is reliable, as well as having low capital and operating costs. No additional energy is required.

In the flue gas recirculation (FGR) technique, the air/natural gas mixture fed to the boilers/heaters is diluted with hot flue gas to reduce NO_X emissions by lowering flame temperature and suppressing oxygen partial pressure. Flue gases are re-circulated either with an external or an internal design. To maximize the NO_X reduction, the FGR technique can be combined with other options, such as LNB+FGR, SCR+LNB+FGR, and SNCR+LNB+FGR.

A comparison of the control strategies listed above indicates that for controlling NO_X emissions from the boilers, the highest control efficiency is the combination of SCR and ULNB. Because the proposed UNLB option can maintain NO_X emissions at or below 0.015 lbs/MM BTU, the safety concerns, technical difficulties, and negative environmental impacts associated with an SCR outweighed the gained benefits. Therefore, the SCR is rejected as a viable control technology.

The next control option is the combination of SNCR and ULNB. This combination has never been used in industry and there is no information available to demonstrate that the theoretical NO_X emissions level can be achieved. SNCR in combination with ULNB is not considered technically feasible and was rejected as LAER for the control of NO_X emissions from the proposed boilers.

Flopam Inc. proposes ULNB to limit NO_X emissions to 0.015 lbs/MM BTU or 9.0 ppmv (at 3% oxygen) from the proposed boilers. This control level meets or exceeds current LAER entries in the EPA RACT/BACT/LAER Clearinghouse (RBLC). The ULNB is determined as LAER, for NO_X emissions from the proposed boilers.

Three small thermal oxidizers (< 10 MM BTU/hr) will be used to control hydrocarbons emissions from various sections of the facility. Due to the characteristics of the streams and the small sizes of the thermal oxidizers, SCR, SNCR, and ULNB/LNB are not feasible. Good equipment design and proper combustion techniques to maintain maximum NO_X emissions to 0.133 lbs/MM BTU are the remaining options. These are determined as LAER.

NO_X will also be emitted from ten Powder Plant dryers. Flue gases from natural gas-fired burners will be utilized to dry polyacrylamide products. The exit streams are diluted, saturated with moisture, and laden with polyacrylamide products (dust). With these stream characteristics, SCR, SNCR, and ULNB/LNB are not feasible. Good equipment design and proper combustion techniques to maintain maximum NO_X emissions to 2.40 lbs/hour per dryer stack are the remaining options. These are determined as LAER. LAER for NO_X emissions are detailed in Table XIIa.

Table XIIa: LAER for NO_X Emissions

EQT	Equipment	Emissions, tpy	LAER Selection	LAER Limits
0082 - 0101	Powder Plants	10.51 per plant	Good equipment design and proper combustion techniques	2.40 lbs/hour/plant
0354	Thermal Oxidizer: TO-DAD1	5.37	Good equipment design and proper combustion techniques	0.133 lbs/MM BTU
0372	Thermal Oxidizer TO-AD1	4.00		
0373	Thermal Oxidizer TO-AD1	4.00		
0383	Thermal Oxidizer TO-CM1	4.28		
0402 -0411	Boilers	1.24	ULNB	0.015 lbs/MM BTU or NOX <= 9.0 ppmv

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LAER for VOC emissions:

VOC emissions from process equipment can be controlled by preventing the emissions (equipment design), destroying the emissions (incineration), or recovering /recycling the vent stream to the process.

Thermal oxidation is the first control option considered for VOC emissions. Vent streams could be routed through a flare or a thermal oxidizer where the gases will be heated to an operating range of 1200 - 2000^{O}F. At this temperature, VOC will be burned to carbon dioxide. Raising the vent gas to the appropriate temperature range will require a significant amount of energy and generate a large quantity of secondary emissions.

Catalytic combustion of VOC is another control option. Vent gas can be burned in a catalyst bed at 650 - 800^{O}F. Approximately 90 percent of the VOC would be converted to carbon dioxide. Additional energy is required to maintain flue gas at an appropriate temperature and send it through the catalyst bed. The catalyst bed, containing heavy metals, requires periodic replacement and recycling and/or disposal. Particulates, moisture, halogen, and sulfur oxides can foul the catalysts.

VOC can be recovered by condensation using a condenser, absorption using a wet scrubber, or adsorption using a carbon bed. However, fouling and plugging (solid formation) are common problems of the condensers.

The selected LAER must be equal or more stringent than any applicable state or federal requirements. For VOC emissions which contain Class I and Class II TAPs, MACT is required. Then, LAER for these streams must be equal or more stringent than MACT. However, to minimize the impact of TAP emissions on Ambient Air Standards, MACT is determined as LAER.

For boilers, any add-on control for VOC is not practical and is rejected as LAER. Catalytic combustion is rarely used to control VOC emissions from natural gas or alcohol coproduct-fired boilers. The next options are good equipment design and proper combustion practices are determined as LAER to maintain maximum VOC emissions at 0.003 lbs/MM BTU when natural gas is fired and 0.008 lbs/MM BTU when alcohol co-product is fired.

Three thermal oxidizers will be used to control VOC from various sections of the proposed facility. Good equipment design, proper combustion practices, and use of natural gas or propane to limit VOC emissions from the thermal oxidizers to 0.005 lbs/MM BTU are determined as LAER for VOC emissions.

A small quantity of VOC will be emitted from the acrylamide tanks, reactors, and handling. Water scrubbers will be used to maintain VOC at the LAER (<0.01 tons/year).

Approximately 90,000 cubic feet of gas will be vented from each Powder Plant dryer stack per minute. The vent gas will contain approximately 5 ppmv of VOC. Due to the low VOC concentration and high volumetric flow rate, condenser and scrubber controls are technically infeasible. Combustion options will produce significant amount of secondary pollutants. Good equipment design and proper operations are determined as LAER.

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Fugitives from equipment leaks are controlled by a leak detection and repair (LDAR) program that meets requirements of 40 CFR 65 Subpart F. This LDAR program was determined as MACT and also LAER for VOC. Details are listed in Table XIIb.

Table XIIb: LAER for VOC Emissions

EQT	Equipment	Emissions, tpy	LAER Selection	LAER Limits
0001 - 0005	Sodium Acrylate Prep Tanks	< 0.01	No additional control	
0006 - 0010	Acrylic Acid Tanks	0.06 each	Insulating and cooling	
0011 – 0025	Acrylamide Day Tanks	< 0.01 each	Scrubbers (0041-0045)	
0026 – 0035	Acrylamide Storage Tanks	< 0.01 each	Scrubber (0051)	
0036 – 0040	Equipment Downstream of Reactors Handling Acrylamide	< 0.01 each	Scrubbers (0041-0045)	
0046 - 0050	Acrylamide Reactors/Scrubbers	0.07 each	Scrubbers	
0052 - 0061 0062 – 0071 0072 – 0081 0082 – 0101	Powder Plant: Dissolution Tanks Reactors Grinders Dryers	8.80 each plant	good equipment design and proper operations	
0312 - 0315	Acrylic Acid Tanks	0.88 each	Insulating and cooling	
0316 – 0320 0343, 0347	Acrylamide Day Tanks	< 0.01 each	Insulating and cooling	
0321, 0322 0331, 0332	Emulsion Plant Dissolution Tanks and Reactors	0.53 total	Scrubber (0341)	
0323 – 0330 0333 – 0340	Emulsion Plant Dissolution Tanks and Reactors	1.10 total	No additional control	
0344	Specialty Products – Base Reactors	0.02	No additional control	
0348 - 0353	DADMAC Plant Reactors, Receivers, Separator, Allyl Alcohol Tank, and Distillation Column	2.31 total	Thermal Oxidizer (0354)	
0354	Thermal Oxidizer: TO-DAD1	2.31	Good equipment design and proper combustion techniques	0.005 lbs/MM BTU => 99% control efficiency
0372	Thermal Oxidizer: TO-AD1	7.17		
0373	Thermal Oxidizer: TO-AD2	7.17		
0383	Thermal Oxidizer: TO-AD3	0.42		
0356, 0357	Polyamine Plant Reactors	< 0.01	Scrubber (0358)	
0359	Polyamine Plant Epichlorohydrin Tank	0.14	Vapor Balance	
0360 – 0371 0436	ADAM and ATBS Plants: Tanks, Reactors, Dryer, and Distillation Columns	7.17 total	Thermal Oxidizers (0372 and/or 0373)	
0374, 0375	Alcohol Co-Product Tanks	0.21 each	Vapor Balance	
0376	Hexane Tank	0.38	Vapor Balance	
0377, 0378	Dimethylaminoethanol Tanks	0.05 each	Vapor Balance	
0382	Chloromethylation Plant	0.42	Thermal Oxidizer (0383)	
0402 -0411	Boilers	0.66 each	Good equipment design and proper combustion techniques	0.003 lbs/MM BTU for natural gas or 0.008 lbs/MM BTU for alcohol fired
0412 – 0435 0456 - 0481	Pressurized Tanks		Pressurized	
0437	Solvent Cold Cleaners		Equipped with cover	
0438 – 0455 0484 - 0584	Storage Tanks	< 0.01 each	No additional control	
0585 - 0588	PolyDADMAC Reactors	< 0.01 each	No additional control	
FUG0001	Equipment Leaks	8.77	40 CFR 65 Subpart F	

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NO_X and VOC Offset

Iberville Parish is classified as a moderate nonattainment area with respect to the 8-hour ozone National Ambient Air Quality Standard (NAAQS). LAC 33:III.504.M sets the major source threshold at 50 tons per year (TPY) of NO_X or VOC and the offset ratio at 1.2 to 1, though the Clean Air Act would ordinarily set the major source threshold and offset ratio at 100 TPY of NO_X or VOC and 1.15 to 1, respectively. However, considering the *South Coast* decision, Flopam has elected to offset emissions at the ratio associated with a severe nonattainment area, that being 1.3 to 1 when Lowest Achievable Emission Rate (LAER) technology is applied.

Potential NO_X emissions from the facility total 131.15 TPY; potential VOC emissions total 127.34 TPY. Therefore, 170.50 tons of NO_X offsets and 165.54 tons of VOC offsets are required. The Emission Reduction Credits (ERC) to be used as offsets for this project will be obtained from the sources and projects described in Table XIIc below. Public notices of the ERC required by LAC 33:III.Chapter 6, along with the associated "Analysis of Validity of Emission Reduction as ERC" documents, have been provided separately.

Table XIIc: NO_X and VOC Offsets

	Facility	AI	Permit No.	Activity Number
VOC	DSM Copolymer	2519	3120-00004-V0	PER20060001
	DSM Copolymer	2519	3120-00004-03	PER20040001
	Formosa Plastics Corporation, Louisiana	288	2915-VO 0840-00002-10 PSD-LA-560 (M-3)	PER20090002
NO_X	DSM Copolymer	2519	3120-00004-03	PER20040001
	Terra Mississippi Nitrogen, Inc.	2245	0180-00009-V0	PER20050012
	Formosa Plastics Corporation, Louisiana	288	2915-VO 0840-00002-10 PSD-LA-560 (M-3)	PER20090002

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PLAQUEMINE, IBERVILLE PARISH, LOUISIANA

XIII. Prevention of Significant Deterioration (PSD) Review:

NO_X, CO, and VOC emissions from the proposed facility will be more than the PSD major source threshold. Emissions of PM and PM_{10} will be more than the respective PSD significance levels. $PM_{2.5}$ emissions will not be above their PSD significance level. VOC is a precursor of ozone which is subject to NNSR analysis. Therefore, VOC is exempt from PSD review. A PSD analysis was required for PM, PM_{10}, NO_X, and CO emissions from this proposed facility. A PSD analysis was performed, documented in PSD-LA-747, and incorporated into this permit.

BACT Analysis

Flopam Inc. will control NO_X emissions from the facility to the LAER to fulfill the BACT requirements for NO_X. NO_X emissions from the boilers will be controlled by Low NO_X burners. Good equipment design and proper combustion practices are determined as BACT for CO and particulates emissions (PM, PM_{10}) from combustion devices and NO_X emissions from the dryers and thermal oxidizers. Particulate emissions from the Powder Plant solid product handling (screening, bagging, and loading) will be controlled by dust filters.

Emission Point	PM/PM_{10}	NO_X	CO
Powder Plant: Dissolution Tanks (0052-0061) Reactors (0062-0071) Grinders (0072-0081) Dryers (0082-0101)	Good equipment design and proper operations Fueled by natural gas/ propane	Good equipment design and proper operations <= 2.40 lb/hr/stack	Good equipment design and proper operations
Powder Plant Packaging Area, Loading Area 0102 - 0311	Dust Filters Large dust filters: PM<=0.002 gr/dscf		
Thermal Oxidizers 0354, 0372 0373, 0383	good equipment design and proper combustion practices Fueled by natural gas/propane <= 0.008 lb/MM BTU	Good equipment design and proper combustion practices <= 0.133 lb/MMBTU	Good equipment design and proper combustion practices <= 0.08 lbs/MM BTU
ATBS Plant – Silos, Hoppers, and Bagging operations 0385 - 0396	No additional control		
Boilers 0402 - 0411	good equipment design and proper combustion practices Fueled by natural gas/alcohol <= 0.005 lbs/MM BTU	ULNB <= 0.015 lb/MMBTU or <= 9.0 ppmv	good equipment design and proper combustion practices <= 0.037 lb/MM BTU
Roadway Fugitives FUG0002	Main roadways will be paved where practical Precautions shall be taken to prevent dust from becoming airborne		

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
FLOPAM INC.
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Air Quality Analysis

Screen dispersion modeling indicates that maximum offsite ground level concentration of PM_{10} (24-hour average) and CO (1-hour and 8-hour average) emissions from the proposed facility will be less than the Class II Air Quality Significant Impact Levels and monitoring de minimis levels. Preconstruction monitoring, refined modeling, and increment modeling are not required.

Screen dispersion modeling indicates that maximum offsite ground level concentration of NO_2 and PM_{10} (annual average) emissions from the proposed facility will be more than the Class II Air Quality Significant Impact Level but less than the monitoring de minimis levels. Preconstruction monitoring is not required. Refined modeling and increment modeling are required.

The refined modeling shows that impacts of NO_2 emissions will not cause or contribute to any NAAQS exceedances. There is not an NAAQS standard for annual average PM_{10} emissions. Refined modeling also showed that NO_2 and PM_{10} (annual average) emissions do not cause exceedances of increment allowances. Increment allowances are expected to be preserved.

Additional Analyses

Secondary growth effects are minimal. The proposed facility will employ approximately 500 direct, full-time employees. There will be no significant impact on soils, vegetation, and visibility. Breton National Wildlife Area, the nearest Class I area, is more than 100 km from the site, precluding any significant impact.

General Information

AI ID: 166443 Flopam Inc - Flopam Facility
Activity Number: PER20090001
Permit Number: 1280-00141-V0
Air - Title V Regular Permit Initial

Also Known As:

ID	Name	User Group	Start Date
1280-00141	CDS Number	CDS Number	08-24-2009
	SNF Holding Co (Parent Co)	Multimedia	08-24-2009

Physical Location: 26790 Hwy 405
Plaquemine, LA 70764

Main Phone: 9128843366

Mailing Address: PO Box 250
Riceboro, GA 313230250

Location of Front Gate: 30.270631 latitude, -91.145069 longitude, Coordinate Method: Lat.\Long. - DMS, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Brent Hanson	PO Box 250 Riceboro, GA 313230250	9128848736 (WP)	Air Permit Contact For
Peter Nichols	PO Box 250 Riceboro, GA 313230250	9128843366 (WP)	Responsible Official for

Related Organizations:

Name	Address	Phone (Type)	Relationship
Flopam Inc	PO Box 250 Riceboro, GA 313230250	9128843366 (WP)	Operates
Flopam Inc	PO Box 250 Riceboro, GA 313230250	9128843366 (WP)	Air Billing Party for
SNF Holding Co	PO Box 250 Riceboro, GA 313230520	9128843366 (WP)	Owns
SNF Holding Co	PO Box 250 Riceboro, GA 313230520	9128845031 (WF)	Owns

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

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INVENTORIES

AI ID: 166443 - Flopam Inc - Flopam Facility
Activity Number: PER20090001
Permit Number: 1280-00141-V0
Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Flopam Inc						
EQT 0001	TNA1 - Sodium Acrylate Prep Tank TNA1					8760 hr/yr
EQT 0002	TNA2 - Sodium Acrylate Prep Tank TNA2					8760 hr/yr
EQT 0003	TNA3 - Sodium Acrylate Prep Tank TNA3					8760 hr/yr
EQT 0004	TNA4 - Sodium Acrylate Prep Tank TNA4					8760 hr/yr
EQT 0005	TNA5 - Sodium Acrylate Prep Tank TNA5					8760 hr/yr
EQT 0006	TAA5 - Acrylamide Plant - Acrylic Acid Storage Tank TAA5					8760 hr/yr
EQT 0007	TAA6 - Acrylamide Plant - Acrylic Acid Storage Tank TAA6					8760 hr/yr
EQT 0008	TAA7 - Acrylamide Plant - Acrylic Acid Storage Tank TAA7					8760 hr/yr
EQT 0009	TAA8 - Acrylamide Plant - Acrylic Acid Storage Tank TAA8					8760 hr/yr
EQT 0010	TAA9 - Acrylamide Plant - Acrylic Acid Storage Tank TAA9					8760 hr/yr
EQT 0011	TAD1 - Acrylamide Plant - Acrylamide Day Tank TAD1					8760 hr/yr
EQT 0012	TAD2 - Acrylamide Plant - Acrylamide Day Tank TAD2					8760 hr/yr
EQT 0013	TAD3 - Acrylamide Plant - Acrylamide Day Tank TAD3					8760 hr/yr
EQT 0014	TAD4 - Acrylamide Plant - Acrylamide Day Tank TAD4					8760 hr/yr
EQT 0015	TAD5 - Acrylamide Plant - Acrylamide Day Tank TAD5					8760 hr/yr
EQT 0016	TAD6 - Acrylamide Plant - Acrylamide Day Tank TAD6					8760 hr/yr
EQT 0017	TAD7 - Acrylamide Plant - Acrylamide Day Tank TAD7					8760 hr/yr
EQT 0018	TAD8 - Acrylamide Plant - Acrylamide Day Tank TAD8					8760 hr/yr
EQT 0019	TAD9 - Acrylamide Plant - Acrylamide Day Tank TAD9					8760 hr/yr
EQT 0020	TAD10 - Acrylamide Plant - Acrylamide Day Tank TAD10					8760 hr/yr
EQT 0021	TAD11 - Acrylamide Plant - Acrylamide Day Tank TAD11					8760 hr/yr
EQT 0022	TAD12 - Acrylamide Plant - Acrylamide Day Tank TAD12					8760 hr/yr
EQT 0023	TAD13 - Acrylamide Plant - Acrylamide Day Tank TAD13					8760 hr/yr
EQT 0024	TAD14 - Acrylamide Plant - Acrylamide Day Tank TAD14					8760 hr/yr
EQT 0025	TAD15 - Acrylamide Plant - Acrylamide Day Tank TAD15					8760 hr/yr
EQT 0026	TAM1 - Acrylamide Plant - Acrylamide Storage Tank TAM1					8760 hr/yr
EQT 0027	TAM2 - Acrylamide Plant - Acrylamide Storage Tank TAM2					8760 hr/yr
EQT 0028	TAM3 - Acrylamide Plant - Acrylamide Storage Tank TAM3					8760 hr/yr
EQT 0029	TAM4 - Acrylamide Plant - Acrylamide Storage Tank TAM4					8760 hr/yr
EQT 0030	TAM5 - Acrylamide Plant - Acrylamide Storage Tank TAM5					8760 hr/yr
EQT 0031	TAM6 - Acrylamide Plant - Acrylamide Storage Tank TAM6					8760 hr/yr
EQT 0032	TAM7 - Acrylamide Plant - Acrylamide Storage Tank TAM7					8760 hr/yr
EQT 0033	TAM8 - Acrylamide Plant - Acrylamide Storage Tank TAM8					8760 hr/yr
EQT 0034	TAM9 - Acrylamide Plant - Acrylamide Storage Tank TAM9					8760 hr/yr
EQT 0035	TAM10 - Acrylamide Plant - Acrylamide Storage Tank TAM10					8760 hr/yr
EQT 0036	AMC1 - Acrylamide Plant AML1 - Equipment Downstream of Reactors Handling Acrylamide					8760 hr/yr
EQT 0037	AMC2 - Acrylamide Plant AML2 - Equipment Downstream of Reactors Handling Acrylamide					8760 hr/yr

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Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Flopam Inc						
EQT 0038	AMC3 - Acrylamide Plant AML3 - Equipment Downstream of Reactors Handling Acrylamide					8760 hr/yr
EQT 0039	AMC4 - Acrylamide Plant AML4 - Equipment Downstream of Reactors Handling Acrylamide					8760 hr/yr
EQT 0040	AMC5 - Acrylamide Plant AML5 - Equipment Downstream of Reactors Handling Acrylamide					8760 hr/yr
EQT 0041	SC-AMT1 - Acrylamide Plant AML1- Day Tanks Scrubber SC-AMT1					8760 hr/yr
EQT 0042	SC-AMT2 - Acrylamide Plant AML2- Day Tanks Scrubber SC-AMT2					8760 hr/yr
EQT 0043	SC-AMT3 - Acrylamide Plant AML3- Day Tanks Scrubber SC-AMT3					8760 hr/yr
EQT 0044	SC-AMT4 - Acrylamide Plant AML4- Day Tanks Scrubber SC-AMT4					8760 hr/yr
EQT 0045	SC-AMT5 - Acrylamide Plant AML5- Day Tanks Scrubber SC-AMT5					8760 hr/yr
EQT 0046	SC-AM1 - Acrylamide Plant AML1- Reactors / Scrubber SC-AM1					8760 hr/yr
EQT 0047	SC-AM2 - Acrylamide Plant AML2- Reactors / Scrubber SC-AM2					8760 hr/yr
EQT 0048	SC-AM3 - Acrylamide Plant AML3- Reactors / Scrubber SC-AM3					8760 hr/yr
EQT 0049	SC-AM4 - Acrylamide Plant AML4- Reactors / Scrubber SC-AM4					8760 hr/yr
EQT 0050	SC-AM5 - Acrylamide Plant AML5- Reactors / Scrubber SC-AM5					8760 hr/yr
EQT 0051	SC-AMST1 - Acrylamide Plant - Acrylamide Storage Tanks Scrubber SC-AMST1					8760 hr/yr
EQT 0052	POD01 - Powder Plant - Dissolution Tanks POD01					8760 hr/yr
EQT 0053	POD02 - Powder Plant - Dissolution Tanks POD02					8760 hr/yr
EQT 0054	POD03 - Powder Plant - Dissolution Tanks POD03					8760 hr/yr
EQT 0055	POD04 - Powder Plant - Dissolution Tanks POD04					8760 hr/yr
EQT 0056	POD05 - Powder Plant - Dissolution Tanks POD05					8760 hr/yr
EQT 0057	POD06 - Powder Plant - Dissolution Tanks POD06					8760 hr/yr
EQT 0058	POD07 - Powder Plant - Dissolution Tanks POD07					8760 hr/yr
EQT 0059	POD08 - Powder Plant - Dissolution Tanks POD08					8760 hr/yr
EQT 0060	POD09 - Powder Plant - Dissolution Tanks POD09					8760 hr/yr
EQT 0061	POD10 - Powder Plant - Dissolution Tanks POD10					8760 hr/yr
EQT 0062	POR01 - Powder Plant - Reactors POR01					8760 hr/yr
EQT 0063	POR02 - Powder Plant - Reactors POR02					8760 hr/yr
EQT 0064	POR03 - Powder Plant - Reactors POR03					8760 hr/yr
EQT 0065	POR04 - Powder Plant - Reactors POR04					8760 hr/yr

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INVENTORIES

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Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Flopam Inc						
EQT 0066	POR05 - Powder Plant - Reactors POR05					8760 hr/yr
EQT 0067	POR06 - Powder Plant - Reactors POR06					8760 hr/yr
EQT 0068	POR07 - Powder Plant - Reactors POR07					8760 hr/yr
EQT 0069	POR08 - Powder Plant - Reactors POR08					8760 hr/yr
EQT 0070	POR09 - Powder Plant - Reactors POR09					8760 hr/yr
EQT 0071	POR10 - Powder Plant - Reactors POR10					8760 hr/yr
EQT 0072	POG01 - Powder Plant - Grinders POG01					8760 hr/yr
EQT 0073	POG02 - Powder Plant - Grinders POG02					8760 hr/yr
EQT 0074	POG03 - Powder Plant - Grinders POG03					8760 hr/yr
EQT 0075	POG04 - Powder Plant - Grinders POG04					8760 hr/yr
EQT 0076	POG05 - Powder Plant - Grinders POG05					8760 hr/yr
EQT 0077	POG06 - Powder Plant - Grinders POG06					8760 hr/yr
EQT 0078	POG07 - Powder Plant - Grinders POG07					8760 hr/yr
EQT 0079	POG08 - Powder Plant - Grinders POG08					8760 hr/yr
EQT 0080	POG09 - Powder Plant - Grinders POG09					8760 hr/yr
EQT 0081	POG10 - Powder Plant - Grinders POG10					8760 hr/yr
EQT 0082	POD01A - Powder Plant - Dryers Line A POD01A					8760 hr/yr
EQT 0083	POD01B - Powder Plant - Dryers Line B POD01B					8760 hr/yr
EQT 0084	POD02A - Powder Plant - Dryers Line A POD02A					8760 hr/yr
EQT 0085	POD02B - Powder Plant - Dryers Line B POD02B					8760 hr/yr
EQT 0086	POD03A - Powder Plant - Dryers Line A POD03A					8760 hr/yr
EQT 0087	POD03B - Powder Plant - Dryers Line B POD03B					8760 hr/yr
EQT 0088	POD04A - Powder Plant - Dryers Line A POD04A					8760 hr/yr
EQT 0089	POD04B - Powder Plant - Dryers Line B POD04B					8760 hr/yr
EQT 0090	POD05A - Powder Plant - Dryers Line A POD05A					8760 hr/yr
EQT 0091	POD05B - Powder Plant - Dryers Line B POD05B					8760 hr/yr
EQT 0092	POD06A - Powder Plant - Dryers Line A POD06A					8760 hr/yr
EQT 0093	POD06B - Powder Plant - Dryers Line B POD06B					8760 hr/yr
EQT 0094	POD07A - Powder Plant - Dryers Line A POD07A					8760 hr/yr
EQT 0095	POD07B - Powder Plant - Dryers Line B POD07B					8760 hr/yr
EQT 0096	POD08A - Powder Plant - Dryers Line A POD08A					8760 hr/yr
EQT 0097	POD08B - Powder Plant - Dryers Line B POD08B					8760 hr/yr
EQT 0098	POD09A - Powder Plant - Dryers Line A POD09A					8760 hr/yr
EQT 0099	POD09B - Powder Plant - Dryers Line B POD09B					8760 hr/yr
EQT 0100	POD10A - Powder Plant - Dryers Line A POD10A					8760 hr/yr
EQT 0101	POD10B - Powder Plant - Dryers Line B POD10B					8760 hr/yr
EQT 0102	POB01A1 - Powder Plant - Dust Collector POB01A1					8760 hr/yr
EQT 0103	POB01A2 - Powder Plant - Dust Collector POB01A2					8760 hr/yr
EQT 0104	POB01A3 - Powder Plant - Dust Collector POB01A3					8760 hr/yr

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Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Flopam Inc						
EQT 0105	POB01A4 - Powder Plant - Dust Collector POB01A4					8760 hr/yr
EQT 0106	POB01A5 - Powder Plant - Dust Collector POB01A5					8760 hr/yr
EQT 0107	POB01A6 - Powder Plant - Dust Collector POB01A6					8760 hr/yr
EQT 0108	POB01A7 - Powder Plant - Dust Collector POB01A7					8760 hr/yr
EQT 0109	POB01A8 - Powder Plant - Dust Collector POB01A8					8760 hr/yr
EQT 0110	POB02A1 - Powder Plant - Dust Collector POB02A1					8760 hr/yr
EQT 0111	POB02A2 - Powder Plant - Dust Collector POB02A2					8760 hr/yr
EQT 0112	POB02A3 - Powder Plant - Dust Collector POB02A3					8760 hr/yr
EQT 0113	POB02A4 - Powder Plant - Dust Collector POB02A4					8760 hr/yr
EQT 0114	POB02A5 - Powder Plant - Dust Collector POB02A5					8760 hr/yr
EQT 0115	POB02A6 - Powder Plant - Dust Collector POB02A6					8760 hr/yr
EQT 0116	POB02A7 - Powder Plant - Dust Collector POB02A7					8760 hr/yr
EQT 0117	POB02A8 - Powder Plant - Dust Collector POB02A8					8760 hr/yr
EQT 0118	POB03A1 - Powder Plant - Dust Collector POB03A1					8760 hr/yr
EQT 0119	POB03A2 - Powder Plant - Dust Collector POB03A2					8760 hr/yr
EQT 0120	POB03A3 - Powder Plant - Dust Collector POB03A3					8760 hr/yr
EQT 0121	POB03A4 - Powder Plant - Dust Collector POB03A4					8760 hr/yr
EQT 0122	POB03A5 - Powder Plant - Dust Collector POB03A5					8760 hr/yr
EQT 0123	POB03A6 - Powder Plant - Dust Collector POB03A6					8760 hr/yr
EQT 0124	POB03A7 - Powder Plant - Dust Collector POB03A7					8760 hr/yr
EQT 0125	POB03A8 - Powder Plant - Dust Collector POB03A8					8760 hr/yr
EQT 0126	POB04A1 - Powder Plant - Dust Collector POB04A1					8760 hr/yr
EQT 0127	POB04A2 - Powder Plant - Dust Collector POB04A2					8760 hr/yr
EQT 0128	POB04A3 - Powder Plant - Dust Collector POB04A3					8760 hr/yr
EQT 0129	POB04A4 - Powder Plant - Dust Collector POB04A4					8760 hr/yr
EQT 0130	POB04A5 - Powder Plant - Dust Collector POB04A5					8760 hr/yr
EQT 0131	POB04A6 - Powder Plant - Dust Collector POB04A6					8760 hr/yr
EQT 0132	POB04A7 - Powder Plant - Dust Collector POB04A7					8760 hr/yr
EQT 0133	POB04A8 - Powder Plant - Dust Collector POB04A8					8760 hr/yr
EQT 0134	POB05A1 - Powder Plant - Dust Collector POB05A1					8760 hr/yr
EQT 0135	POB05A2 - Powder Plant - Dust Collector POB05A2					8760 hr/yr
EQT 0136	POB05A3 - Powder Plant - Dust Collector POB05A3					8760 hr/yr
EQT 0137	POB05A4 - Powder Plant - Dust Collector POB05A4					8760 hr/yr
EQT 0138	POB05A5 - Powder Plant - Dust Collector POB05A5					8760 hr/yr
EQT 0139	POB05A6 - Powder Plant - Dust Collector POB05A6					8760 hr/yr
EQT 0140	POB05A7 - Powder Plant - Dust Collector POB05A7					8760 hr/yr
EQT 0141	POB05A8 - Powder Plant - Dust Collector POB05A8					8760 hr/yr
EQT 0142	POB06A1 - Powder Plant - Dust Collector POB06A1					8760 hr/yr
EQT 0143	POB06A2 - Powder Plant - Dust Collector POB06A2					8760 hr/yr

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Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Flopam Inc						
EQT 0144	POB06A3 - Powder Plant - Dust Collector POB06A3					8760 hr/yr
EQT 0145	POB06A4 - Powder Plant - Dust Collector POB06A4					8760 hr/yr
EQT 0146	POB06A5 - Powder Plant - Dust Collector POB06A5					8760 hr/yr
EQT 0147	POB06A6 - Powder Plant - Dust Collector POB06A6					8760 hr/yr
EQT 0148	POB06A7 - Powder Plant - Dust Collector POB06A7					8760 hr/yr
EQT 0149	POB06A8 - Powder Plant - Dust Collector POB06A8					8760 hr/yr
EQT 0150	POB07A1 - Powder Plant - Dust Collector POB07A1					8760 hr/yr
EQT 0151	POB07A2 - Powder Plant - Dust Collector POB07A2					8760 hr/yr
EQT 0152	POB07A3 - Powder Plant - Dust Collector POB07A3					8760 hr/yr
EQT 0153	POB07A4 - Powder Plant - Dust Collector POB07A4					8760 hr/yr
EQT 0154	POB07A5 - Powder Plant - Dust Collector POB07A5					8760 hr/yr
EQT 0155	POB07A6 - Powder Plant - Dust Collector POB07A6					8760 hr/yr
EQT 0156	POB07A7 - Powder Plant - Dust Collector POB07A7					8760 hr/yr
EQT 0157	POB07A8 - Powder Plant - Dust Collector POB07A8					8760 hr/yr
EQT 0158	POB08A1 - Powder Plant - Dust Collector POB08A1					8760 hr/yr
EQT 0159	POB08A2 - Powder Plant - Dust Collector POB08A2					8760 hr/yr
EQT 0160	POB08A3 - Powder Plant - Dust Collector POB08A3					8760 hr/yr
EQT 0161	POB08A4 - Powder Plant - Dust Collector POB08A4					8760 hr/yr
EQT 0162	POB08A5 - Powder Plant - Dust Collector POB08A5					8760 hr/yr
EQT 0163	POB08A6 - Powder Plant - Dust Collector POB08A6					8760 hr/yr
EQT 0164	POB08A7 - Powder Plant - Dust Collector POB08A7					8760 hr/yr
EQT 0165	POB08A8 - Powder Plant - Dust Collector POB08A8					8760 hr/yr
EQT 0166	POB09A1 - Powder Plant - Dust Collector POB09A1					8760 hr/yr
EQT 0167	POB09A2 - Powder Plant - Dust Collector POB09A2					8760 hr/yr
EQT 0168	POB09A3 - Powder Plant - Dust Collector POB09A3					8760 hr/yr
EQT 0169	POB09A4 - Powder Plant - Dust Collector POB09A4					8760 hr/yr
EQT 0170	POB09A5 - Powder Plant - Dust Collector POB09A5					8760 hr/yr
EQT 0171	POB09A6 - Powder Plant - Dust Collector POB09A6					8760 hr/yr
EQT 0172	POB09A7 - Powder Plant - Dust Collector POB09A7					8760 hr/yr
EQT 0173	POB09A8 - Powder Plant - Dust Collector POB09A8					8760 hr/yr
EQT 0174	POB10A1 - Powder Plant - Dust Collector POB10A1					8760 hr/yr
EQT 0175	POB10A2 - Powder Plant - Dust Collector POB10A2					8760 hr/yr
EQT 0176	POB10A3 - Powder Plant - Dust Collector POB10A3					8760 hr/yr
EQT 0177	POB10A4 - Powder Plant - Dust Collector POB10A4					8760 hr/yr
EQT 0178	POB10A5 - Powder Plant - Dust Collector POB10A5					8760 hr/yr
EQT 0179	POB10A6 - Powder Plant - Dust Collector POB10A6					8760 hr/yr
EQT 0180	POB10A7 - Powder Plant - Dust Collector POB10A7					8760 hr/yr
EQT 0181	POB10A8 - Powder Plant - Dust Collector POB10A8					8760 hr/yr
EQT 0182	POB01B1 - Powder Plant - Dust Collector POB01B1					8760 hr/yr

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INVENTORIES

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Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Flopam Inc						
EQT 0183	POB01B2 - Powder Plant - Dust Collector POB01B2					8760 hr/yr
EQT 0184	POB01B3 - Powder Plant - Dust Collector POB01B3					8760 hr/yr
EQT 0185	POB01B4 - Powder Plant - Dust Collector POB01B4					8760 hr/yr
EQT 0186	POB01B5 - Powder Plant - Dust Collector POB01B5					8760 hr/yr
EQT 0187	POB01B6 - Powder Plant - Dust Collector POB01B6					8760 hr/yr
EQT 0188	POB01B7 - Powder Plant - Dust Collector POB01B7					8760 hr/yr
EQT 0189	POB01B8 - Powder Plant - Dust Collector POB01B8					8760 hr/yr
EQT 0190	POB01B9 - Powder Plant - Dust Collector POB01B9					8760 hr/yr
EQT 0191	POB01B10 - Powder Plant - Dust Collector POB01B10					8760 hr/yr
EQT 0192	POB01B11 - Powder Plant - Dust Collector POB01B11					8760 hr/yr
EQT 0193	POB01B12 - Powder Plant - Dust Collector POB01B12					8760 hr/yr
EQT 0194	POB02B1 - Powder Plant - Dust Collector POB02B1					8760 hr/yr
EQT 0195	POB02B2 - Powder Plant - Dust Collector POB02B2					8760 hr/yr
EQT 0196	POB02B3 - Powder Plant - Dust Collector POB02B3					8760 hr/yr
EQT 0197	POB02B4 - Powder Plant - Dust Collector POB02B4					8760 hr/yr
EQT 0198	POB02B5 - Powder Plant - Dust Collector POB02B5					8760 hr/yr
EQT 0199	POB02B6 - Powder Plant - Dust Collector POB02B6					8760 hr/yr
EQT 0200	POB02B7 - Powder Plant - Dust Collector POB02B7					8760 hr/yr
EQT 0201	POB02B8 - Powder Plant - Dust Collector POB02B8					8760 hr/yr
EQT 0202	POB02B9 - Powder Plant - Dust Collector POB02B9					8760 hr/yr
EQT 0203	POB02B10 - Powder Plant - Dust Collector POB02B10					8760 hr/yr
EQT 0204	POB02B11 - Powder Plant - Dust Collector POB02B11					8760 hr/yr
EQT 0205	POB02B12 - Powder Plant - Dust Collector POB02B12					8760 hr/yr
EQT 0206	POB03B1 - Powder Plant - Dust Collector POB03B1					8760 hr/yr
EQT 0207	POB03B2 - Powder Plant - Dust Collector POB03B2					8760 hr/yr
EQT 0208	POB03B3 - Powder Plant - Dust Collector POB03B3					8760 hr/yr
EQT 0209	POB03B4 - Powder Plant - Dust Collector POB03B4					8760 hr/yr
EQT 0210	POB03B5 - Powder Plant - Dust Collector POB03B5					8760 hr/yr
EQT 0211	POB03B6 - Powder Plant - Dust Collector POB03B6					8760 hr/yr
EQT 0212	POB03B7 - Powder Plant - Dust Collector POB03B7					8760 hr/yr
EQT 0213	POB03B8 - Powder Plant - Dust Collector POB03B8					8760 hr/yr
EQT 0214	POB03B9 - Powder Plant - Dust Collector POB03B9					8760 hr/yr
EQT 0215	POB03B10 - Powder Plant - Dust Collector POB03B10					8760 hr/yr
EQT 0216	POB03B11 - Powder Plant - Dust Collector POB03B11					8760 hr/yr
EQT 0217	POB03B12 - Powder Plant - Dust Collector POB03B12					8760 hr/yr
EQT 0218	POB04B1 - Powder Plant - Dust Collector POB04B1					8760 hr/yr
EQT 0219	POB04B2 - Powder Plant - Dust Collector POB04B2					8760 hr/yr
EQT 0220	POB04B3 - Powder Plant - Dust Collector POB04B3					8760 hr/yr
EQT 0221	POB04B4 - Powder Plant - Dust Collector POB04B4					8760 hr/yr

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INVENTORIES

AI ID: 166443 - Flopam Inc - Flopam Facility
Activity Number: PER20090001
Permit Number: 1280-00141-V0
Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Flopam Inc						
EQT 0222	POB04B5 - Powder Plant - Dust Collector POB04B5					8760 hr/yr
EQT 0223	POB04B6 - Powder Plant - Dust Collector POB04B6					8760 hr/yr
EQT 0224	POB04B7 - Powder Plant - Dust Collector POB04B7					8760 hr/yr
EQT 0225	POB04B8 - Powder Plant - Dust Collector POB04B8					8760 hr/yr
EQT 0226	POB04B9 - Powder Plant - Dust Collector POB04B9					8760 hr/yr
EQT 0227	POB04B10 - Powder Plant - Dust Collector POB04B10					8760 hr/yr
EQT 0228	POB04B11 - Powder Plant - Dust Collector POB04B11					8760 hr/yr
EQT 0229	POB04B12 - Powder Plant - Dust Collector POB04B12					8760 hr/yr
EQT 0230	POB05B1 - Powder Plant - Dust Collector POB05B1					8760 hr/yr
EQT 0231	POB05B2 - Powder Plant - Dust Collector POB05B2					8760 hr/yr
EQT 0232	POB05B3 - Powder Plant - Dust Collector POB05B3					8760 hr/yr
EQT 0233	POB05B4 - Powder Plant - Dust Collector POB05B4					8760 hr/yr
EQT 0234	POB05B5 - Powder Plant - Dust Collector POB05B5					8760 hr/yr
EQT 0235	POB05B6 - Powder Plant - Dust Collector POB05B6					8760 hr/yr
EQT 0236	POB05B7 - Powder Plant - Dust Collector POB05B7					8760 hr/yr
EQT 0237	POB05B8 - Powder Plant - Dust Collector POB05B8					8760 hr/yr
EQT 0238	POB05B9 - Powder Plant - Dust Collector POB05B9					8760 hr/yr
EQT 0239	POB05B10 - Powder Plant - Dust Collector POB05B10					8760 hr/yr
EQT 0240	POB05B11 - Powder Plant - Dust Collector POB05B11					8760 hr/yr
EQT 0241	POB05B12 - Powder Plant - Dust Collector POB05B12					8760 hr/yr
EQT 0242	POB06B1 - Powder Plant - Dust Collector POB06B1					8760 hr/yr
EQT 0243	POB06B2 - Powder Plant - Dust Collector POB06B2					8760 hr/yr
EQT 0244	POB06B3 - Powder Plant - Dust Collector POB06B3					8760 hr/yr
EQT 0245	POB06B4 - Powder Plant - Dust Collector POB06B4					8760 hr/yr
EQT 0246	POB06B5 - Powder Plant - Dust Collector POB06B5					8760 hr/yr
EQT 0247	POB06B6 - Powder Plant - Dust Collector POB06B6					8760 hr/yr
EQT 0248	POB06B7 - Powder Plant - Dust Collector POB06B7					8760 hr/yr
EQT 0249	POB06B8 - Powder Plant - Dust Collector POB06B8					8760 hr/yr
EQT 0250	POB06B9 - Powder Plant - Dust Collector POB06B9					8760 hr/yr
EQT 0251	POB06B10 - Powder Plant - Dust Collector POB06B10					8760 hr/yr
EQT 0252	POB06B11 - Powder Plant - Dust Collector POB06B11					8760 hr/yr
EQT 0253	POB06B12 - Powder Plant - Dust Collector POB06B12					8760 hr/yr
EQT 0254	POB07B1 - Powder Plant - Dust Collector POB07B1					8760 hr/yr
EQT 0255	POB07B2 - Powder Plant - Dust Collector POB07B2					8760 hr/yr
EQT 0256	POB07B3 - Powder Plant - Dust Collector POB07B3					8760 hr/yr
EQT 0257	POB07B4 - Powder Plant - Dust Collector POB07B4					8760 hr/yr
EQT 0258	POB07B5 - Powder Plant - Dust Collector POB07B5					8760 hr/yr
EQT 0259	POB07B6 - Powder Plant - Dust Collector POB07B6					8760 hr/yr
EQT 0260	POB07B7 - Powder Plant - Dust Collector POB07B7					8760 hr/yr

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