DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY

Certified Mail No.

Agency Interest No. 248
Activity No.: PER20050011

Mr. Gene Fluharty
Vice President - Manufacturing
Deltech Corporation
11911 Scenic Highway
Baton Rouge, LA 70807

RE: Part 70 Operating Permit Renewal, Deltech Facility, Deltech Corporation, Baton Rouge, East Baton Rouge Parish, Louisiana

Dear Mr. Fluharty:

This is to inform you that the permit renewal 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 _____, 2011, 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.

Done this _____ day of _____, 2006.

Permit No.: 0840-00006-V3

Sincerely,

For Public Notice

Chuck Carr Brown, Ph.D.
Assistant Secretary

CCB/MFC
cc: EPA Region VI

ENVIRONMENTAL **SERVICES**
: PO BOX 4313, BATON ROUGE, LA 70821-4313
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AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

DELTECH FACILITY
AGENCY INTEREST NO.: 248
DELTECH CORPORATION
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

I. BACKGROUND

Deltech Corporation (Deltech) owns and operates a chemical manufacturing plant in Baton Rouge, Louisiana. The Deltech facility is a 50 year old styrene manufacturing complex. The facility was grandfathered and has received several permits reflecting modifications since that time. The primary operation at the Deltech facility is the manufacture of specialty aromatic monomers. These monomers are generally produced in the same method and with the same equipment on a campaign basis and distributed for commerce through inventory of the finished product. A list of Deltech's products includes styrene, methyl styrene, divinyl benzene, diisopropenyl benzene, and tertiary butyl styrene. Deltech also stores and distributes styrene monomer as a terminal operation.

Deltech currently operates under Part 70 Operating Permit No. 0840-00006-V2 issued on January 10, 2005. The initial Title V permit as well as the two following modifications authorized Deltech to install several projects. Some of these projects Deltech has elected not to pursue, others Deltech intends to construct. This renewal reflects these intentions.

This permit renewal allows continuous operation of boiler HB 513 during ozone season since NOx controls were installed on that boiler. Also, this renewal incorporates a general Title V permit issued for two new tanks (MV 817 and MV 818), as well as several changes of tank service issued since the last permit modification.

II. ORIGIN

Deltech Corporation submitted a permit application and Emission Inventory Questionnaire (EIQ) dated November 28, 2005, requesting a Part 70 Operating Permit Renewal.

III. DESCRIPTION

Specialty Monomers Process Description

Deltech produces specialty monomers in several steps. These are alkylation, purification of the alkylate, dehydrogenation of the alkylate, and purification of the dehydrogenate until distribution by several transport media. In several processes, alkylate is produced as a by-product of other manufacturing processes and purchased for use as a feedstock to the alkylate purification step. Other processes, such as 97% styrene manufacture, use material purchased from other processes similar to the crude dehydrogenated alkylate for feedstock to the purified dehydrogenate sequence.

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Deltech operates according to several individual campaigns for the production of all specialty monomers. Individual campaigns are divided according to the two operating units, Methyl Styrene (MS) and Specialty Chemical Process (SCP). The permitted emissions are based upon the following annual production throughput:

Unit	Campaign Designation	Product	Amount (MM LBS)	Operation
MS	MSA	Methyl Styrenes	55	Production
MS	MSB	Styrene	100	Production
MS	MSC	Methyl Styrenes	15	Production
MS	MSD	DiPEB	12	Production
MS	MSE	Styrene, 97 %	35	Reclamation
MS	MSF	T-Butyl Styrene	4	Production
SCP	SCA	Divinyl Benzene	8	Production
SCP	SCB	T-Butyl Styrene	4	Production
Tank Farm	-----	Styrene	100	Terminal
Tank Farm	-----	Toluene	10	Terminal

The emissions from storage tanks, combustion sources, equipment leaks, loading losses, and wastewater operations are not campaign dependent. In the Methyl Styrene unit, three dehydrogenation reactors and distillation trains allow two concurrent campaigns. Only one product is produced at a time in the Specialty Chemical Process unit.

The initial Title V Permit No. 0840-00006-V0 proposed construction of a third alkylation reactor, XD 101C, and a third distillation train in the Methyl Styrene unit. Deltech does not intend to construct this reactor and distillation train. Also, this permit proposed the refurbishment of two existing dehydrogenation reactors (DH1 and DH4) to a newer technology including the burning of reactor vent gases in the furnaces (HF 001 and HF 004). Deltech has routed the reactor vent gases from DH4 to HF 004 but the vent gases from DH1 will remain routed to the flare.

Permit No. 0840-00006-V1 proposed construction of a batch process unit to produce benzoin, myris, and recover gamma butyrolactone (BLO) and methanol. Deltech does not intend to construct this unit. Also, this permit proposed the production of TBEB (tertiary butyl ethylbenzene) and Deltech intends to construct this unit.

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Permit No. 0840-00006-V2 proposed modification of two existing columns in the Specialty Chemical Process unit to separate benzene and toluene from the aromatic lights stream. Deltech intends to make this modification. Also, this permit proposed routing of the alkylation reactor vents (XD 101 A/B) to the dehydrogenation furnaces HF 001, HF 004 in addition to HF 005. Deltech has routed these vents to the boilers (HB 507, HB 512 and HB 513) instead of the furnaces to insure that these vents are properly combusted at all times.

This permit renewal incorporates flue gas recirculation on Boiler HB 513 for NOx control and several changes of tank service issued over the last year. Also, this permit incorporates General Permit No. 3013-V0 issued on November 22, 2005 for two new tanks (MV 817 and MV 818). Additionally, Deltech has capped several groups of sources to increase operational flexibility. The new caps are the MS Drums Cap, SCP Drums Cap, Loading Cap, and Internal Floating Roof Cap. Deltech has also replaced several wastewater storage tanks and treatment tanks with a new source, the Wastewater Treatment System Emissions. The emissions from the MS Drums Cap and SCP Drums Cap have been reconciled to reflect actual operating conditions.

Estimated emissions from the facility in tons per year are as follows:

Pollutant	Permitted	Proposed	Change
PM_{10}	59.61	59.61	-
SO_2	48.32	48.32	-
NOx	230.82	164.22	- 66.6
CO	150.87	150.87	-
VOC	57.79	54.01*	- 3.78

*See Annual Emission Rates Sheet for speciation

The Deltech site is a major source of toxic air pollutants (TAPs) and emits benzene and styrene above their respective minimum emission rate (MER). Therefore, the Deltech facility shall comply with all applicable provisions of the Louisiana Air Toxics Program, LAC 33:III.Chapter 51, regarding these compounds.

The Deltech facility is a chemical manufacturing plant and shall comply with the applicable provisions of New Source Performance Standards (NSPS); the applicable provisions of the Hazardous Organic NESHAP (HON) associated with the Methyl Styrene Unit (MS); and the Miscellaneous Organic Chemical Manufacturing NESHAP (MON) and Louisiana Non-HON equipment leaks associated with the Specialty Chemical Process Unit (SCP).

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IV. TYPE OF REVIEW

This permit was reviewed for compliance with the Louisiana Preconstruction and Part 70 Operating Permit Program. It was also reviewed for compliance with Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and National Emission Standards for Organic Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) does not apply.

The Deltech facility is a major source of toxic air pollutants. The Air Toxics Compliance Plan, No. 92134, was approved on June 5, 1995.

V. CREDIBLE EVIDENCE

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

VI. PUBLIC NOTICE

A notice requesting public comment on the permit was published in The Advocate, Baton Rouge, Louisiana, on Month xx, 2006 and in the Office of Environmental Services Public Notice Mailing List on Month xx, 2006. The draft permit was also submitted to US EPA Region VI. All comments will be considered prior to the final permit decision.

PART 70 SPECIFIC CONDITIONS

DELTECH FACILITY
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This permit is issued under the following conditions:

1. Permittee shall comply with all applicable requirements listed in the attached tables. Failure to comply with any of the federal applicable requirements or compliance monitoring devices, activities, or methods listed in Tables 1, 2, 3, and 4 shall represent a violation of this permit.

2. Permittee shall comply with a streamlined equipment leaks monitoring program. Compliance with the streamlined program in accordance with this specific condition shall serve to comply with each of the applicable fugitive emission monitoring programs being streamlined, as indicated in the following table. Noncompliance with the streamlined program in accordance with this specific condition may subject the permittee to enforcement action for one or more of the applicable fugitive emissions programs.

    a. Permittee shall apply the streamlined program to the combined universe of components subject to any of the programs being streamlined. Any component type which does not require periodic monitoring under the overall most stringent program (Methyl Styrene Unit & Styrene Storage under the HON, and Specialty Chemical Process Unit under the LA Non-HON / MON) shall be monitored as required by the most stringent requirements of any other program being streamlined and shall not be exempted. The streamlined program shall include any exemptions based on size of component available in any of the programs being streamlined.

    b. Permittee shall use leak definitions and monitoring frequency based on the overall most stringent program. Percent leaker performance shall be calculated using the provisions of the overall most stringent program. Annual monitoring shall be defined as once every four quarters. Some allowance may be made in the first year of the streamlined program in order to allow for transition from existing monitoring schedules.

    c. Permittee shall comply with recordkeeping and reporting requirements of the overall most stringent program. Semiannual reports shall be submitted by January 25 and July 25, to cover the periods July 1 through December 31 and January 1 through June 30, respectively. The semiannual reports shall include any monitoring performed within the reporting period.

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Unit or Plant Site	Programs Being Streamlined	Stream Applicability	Overall Most Stringent Program
Methyl Styrene Unit (MS)	40 CFR 63 Sub H - HON LAC 33:III.2122 40 CFR 60 Sub VV 40 CFR 61 Sub J & V	5% VOHAP 10% VOC 10% VOC 10% Benzene	40 CFR 63 Subpart H - HON
Specialty Chemical Process Unit (SCP)	40 CFR 63 Sub FFFF - MON LA Non-HON LAC 33:III.2122 40 CFR 60 Sub VV	5% VOHAP 5% VOTAP 10% VOC 10% VOC	40 CFR 63 Subpart FFFF-MON (effective 5/08) LA Non-HON
Styrene Storage	40 CFR 63 Sub H - HON LAC 33:III.2122	5% VOHAP 10% VOC	40 CFR 63 Subpart H - HON

3. Permittee shall operate the boilers, Emission Points HB 507, HB 512 and HB 513, under a cap, Emission Point BOILER CAP, so that the total heat input shall not exceed 27.1, 157 and 132 MM Btu/hr respectively. Total calculated PM_{10}, SO_2, NOx, CO and VOC emissions for the cap shall not exceed 12.46, 48.0, 115.6, 98.19 and 6.15 TPY respectively. Boiler HB 512 shall burn fuel oil with sulfur content less than or equal to 0.4%. Heat input to the referenced boilers and the cap calculated emissions shall be recorded each month and for the last twelve consecutive months. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total overall heat input and cap calculated emissions above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the total annual heat input and the calculated emissions for the cap shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year.

4. Flare GQ 001 shall comply with New Source Performance Standard (NSPS), 40 CFR 60, Subpart A, General Provisions, Section 60.18(b), paragraphs (c) through (f)-General Control device requirements.

5. Permittee shall operate the condenser, Emission Point AT 513, with cooling water to condense vapors. The condenser exit (product side) temperature monitoring device shall be equipped with a continuous recorder per 40 CFR 63 Subpart G (HON). The maximum daily average exit temperature shall be less than 100 °F to ensure proper condensation. Daily averages of this temperature shall be maintained. Any daily average temperature outside the range established shall be reported in the Periodic Report required under 63.152(c). Records of instrument calibration and maintenance shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

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6. Permittee shall operate the condenser, Emission Point PE 01, with chilled glycol to condense vapors. The condenser exit (product side) temperature monitoring device shall be equipped with a continuous recorder per 40 CFR 63 Subpart G (HON). The maximum daily average exit temperature shall be less than 80 °F to ensure proper condensation. Daily averages of this temperature shall be maintained. Any daily average temperature outside the range established shall be reported in the Periodic Report required under 63.152(c). Records of instrument calibration and maintenance shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

7. Permittee shall comply with the limits of this permit by maintaining the total calculated VOC emissions from the tanks listed below to less than or equal to 15.58 tons per year. These calculated VOC emissions shall be reported under an emissions cap, Emission Point TANK CAP. The overall emissions of the cap shall be calculated based on the tanks throughput and the chemical stored and recorded each month and for the last twelve consecutive months. Records of the total calculated emissions, chemical stored and tank throughput for each month and for the last twelve consecutive months shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. The total overall calculated emissions above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the total annual emissions emitted from the tank cap shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year.

   Tank emissions cap (Emission Point TANK CAP) includes MD 074, MF 126, MF 206, MS 112, MV 320, MV 330, MV 332, MV 340, MV 801, MV 802, MV 803, MV 804, MV 806, MV 807, MV 809, MV 810, MV 812, MV 813, MV 814, MV 815, MV 816, MV 818

8. Permittee shall comply with the limits of this permit by maintaining the total calculated VOC emissions from the tanks listed below to less than or equal to 1.15 tons per year. These calculated VOC emissions shall be reported under an emissions cap, Emission Point IFR CAP. The overall emissions of the cap shall be calculated based on the tanks throughput and the chemical stored and recorded each month and for the last twelve consecutive months. Records of the total calculated emissions, chemical stored and tank throughput for each month and for the last twelve consecutive months shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. The total overall calculated emissions above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the total annual emissions emitted from the tank cap shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year.

Internal Floating Roof emissions cap (Emission Point IFR CAP) includes tanks MV 808, MV 811, MV 817

9. Permittee shall comply with the limits of this permit by maintaining the total calculated VOC emissions from the loading operations listed below to less than or equal to 2.55 tons per year. These calculated VOC emissions shall be reported under an emissions cap, Emission Point LOAD CAP. The overall emissions of the cap shall be calculated based on the throughput of material loaded and recorded each month and for the last twelve consecutive months. Records of the total calculated emissions and throughput of material loaded for each month and for the last twelve consecutive months shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. The total overall calculated emissions above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the total annual emissions emitted from the loading cap shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year.

Loading emissions cap (Emission Point LOAD CAP) includes AS BL and AS LR

10. Permittee shall comply with the limits of this permit by maintaining the total calculated VOC emissions from the tanks listed below to less than or equal to 1.68 tons per year. These calculated VOC emissions shall be reported under an emissions cap, Emission Point MS CAP. The overall emissions of the cap shall be calculated based on the tanks throughput and the chemical stored and recorded each month and for the last twelve consecutive months. Records of the total calculated emissions, chemical stored and tank throughput for each month and for the last twelve consecutive months shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. The total overall calculated emissions above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the total annual emissions emitted from the tank cap shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year.

MS Drums emissions cap (Emission Point MS CAP) includes MD 004N, MD 005, MD 005A, MD 005B, MD 006, MD 006A, MD 008A, MD 012, MD 013, MD 015, MD 016, MD 017A, MD 017B, MD 018, MD 019A, MD 019B, MD 019C, MD 019D, MD 019E, MD 020A, MD 020B, MD 020C, MD 020D, MD 020E, MD 023, MD 060, MD 075, MD 079

11. Permittee shall comply with the limits of this permit by maintaining the total calculated VOC emissions from the tanks listed below to less than or equal to 0.07 tons per year. These calculated VOC emissions shall be reported under an emissions cap, Emission Point SCP CAP. The overall

emissions of the cap shall be calculated based on the tanks throughput and the chemical stored and recorded each month and for the last twelve consecutive months. Records of the total calculated emissions, chemical stored and tank throughput for each month and for the last twelve consecutive months shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. The total overall calculated emissions above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the total annual emissions emitted from the tank cap shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year.

SCP Drums emissions cap (Emission Point SCP CAP) includes MD 321, MD 325, MD 326, MD 327, MD 340, MD 341, MD 359, MD 360, MD 360A, MD 361, MD 362, MD 363, MD 364, MD 366

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1. Failure to comply with any of the state's applicable requirements or compliance monitoring devices, activities, or methods listed in Tables 1, 2, 3, or 4 shall represent a violation of this permit.

2. Permittee shall operate the following as MACT for compliance with LAC 33:III.5109.A:

   a. Methyl Styrene Unit - Permittee shall comply with the applicable provisions of 40 CFR 63, Subpart F – NESHAP from the Synthetic Organic Chemical Manufacturing Industry.

   b. Methyl Styrene Unit - Permittee shall comply with the applicable provisions of 40 CFR 63, Subpart G – NESHAP from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater.

      Process Vents: Group 1 process vent streams from dehydrogenation reactor DH1 shall be controlled by flare GQ 001, dehydrogenation reactors DH4 and DH5 shall be controlled by process heaters HF 004 and HF 005. The condensate stripper vent, the east and west hotwell vents, Emission Points AT 513, E HTWLL, and W HTWLL, each shall be routed through a cooling water condenser. The MS vacuum jet vent system, Emission Point PE 01, shall be routed through a chilled glycol condenser. Group 2 process streams from AT 513 and PE 01 shall comply with monitoring, recordkeeping and reporting requirements.

      Tank Vessels: Group 1 storage vessels shall be controlled by operating and maintaining a fixed roof and an internal floating roof. Group 2 storage vessels shall comply with recordkeeping.

      Transfer Racks: Group 2 loading racks, Emission Point AS LR, shall comply with recordkeeping requirements.

      Wastewater: The Methyl Styrene Unit wastewater streams are collected and routed via closed piping to a settling drum, which has a fixed roof and stripper to remove organics. The organics are routed back to the process. The wastewater streams are Group 2 with recordkeeping and reporting requirements.

   c. Methyl Styrene Unit - Permittee shall comply with the applicable provisions of 40 CFR 63, Subpart H – NESHAP for Equipment Leaks.

   d. Specialty Chemical Process Unit (SCP) - Permittee shall comply with the applicable provisions of 40 CFR 63, Subpart FFFF – NESHAP from the Miscellaneous Organic Chemical Manufacturing for Process Vents, Storage Vessels, Transfer Operations, Wastewater, and Equipment Leaks.

      Process Vents: Group 1 process vent stream from dehydrogenation reactor DH303 shall be controlled by flare GQ 001.

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Wastewater: The SCP Unit wastewater from the dehydrogenation process is collected and routed via closed piping to a settling drum with a fixed roof and then to a stripper to remove organics. The organics are routed back to the process. The water is then recycled to the boilers for reuse. Other process wastewater and contaminated storm water are sent via closed pipe to a wastewater storage tank with a fixed roof and vented to the atmosphere. From there, the water is pumped via closed pipe to the biotreatment system. The wastewater is biologically treated and discharged under an NPDES permit. Recordkeeping requirements shall be those of HON Group 2 wastewater streams.

e. Fugitive emissions from the SCP unit shall comply with the Louisiana Non-HON and the Miscellaneous Organic Chemical Manufacturing NESHAP (MON).

3. The scrubber for the ET and Crude Styrene tanks, Emission Points MV 812 and MV 816, shall operate as indicated below:

Emission Point	Scrubbing Agent	Minimum pH	Minimum Flow
MV 816	diethylbenzene	-	3 gpm

The flow rate shall be monitored and recorded every 4 hours. Permittee shall replace the diethylbenzene scrubbing medium with fresh material when the styrene concentration equals 3%. A report listing the hours that the scrubber operated out of the ranges specified shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year.

4. The facility shall maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HRVOC). HRVOC shall include 1,3-Butadiene, Butene, cis-2-Butene, trans-2-Butene, Ethylene, Propylene, Toluene, Xylene, m/p-Xylene, o-Xylene.

5. It shall be the general duty of owners and/or operators to maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. The written plan presently required by LAC 33:III.2113.A.4 shall be updated within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit.

6. The number of each type of component required to be monitored for each monitoring period under applicable leak detection and repair programs shall be reported to the LDEQ by inclusion with each periodic monitoring report. Fugitive emission piping components may be added to or removed from

the permitted units, without triggering the need to apply for a permit modification, provided:

a. Changes in components involve routine maintenance, or are undertaken to address safety concerns, or involve small piping revisions with no associated emission increases except from the fugitive components themselves;

b. The changes do not involve any associated increase in production rate or capacity, or tie in of new or modified process equipment other than piping components;

c. Actual emissions following the changes will not exceed the emission limits contained in this permit; and

d. The components are promptly incorporated into any applicable leak detection and repair program.

DELTECH FACILITY
DELTECH CORPORATION
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA, AI NO. 248
TABLE 1: APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

Emission Point No.	LAC 33:III Chapter											40 CFR 60							40 CFR 61					40 CFR 63								40 CFR 68	40 CFR 82
	5^	9	11	13	15	21	22	29*	51*	56	59*	A	Dc	K Ka	Kb	VV	NNN	RRR	A	J	V	Y	FF	A	F	G	H	Q	Y	DD DDD	FFFF		
Plant Wide	X	X				X		X	X	X	X	X							X				X	X								X	
MD 602 Gasoline Drum						X			X																								
AT 513 Condensate Stripper Vent						O			X								X								X	X							
PE 01 MS Vacuum Jet Vent						O			X								X								X	X							
T8, T 9, T 9B, T 9C, T 9D, T 10, T 10A, T 10B, T 10C, T 11E Distillation Towers						O			X								X								X	X							
XB 101 Alkylation Furnace			X	X	O																												
XD 101 A/B Reactor Effluent Separator Vent (Alkylation Reactors)									X									O							X	X							
PE 005 Vacuum System (AT 010) Vent						O			X								O								X	X							
E HTWLL , W HTWLL East and West Hotwell Vents									X																X	X							
PE 301 Vacuum System Vent						O			X								X								X	X					X		
AT 302, AT 303, AT 304, AT 305 Distillation Towers						O			X								X								X	X					X		
PE 302, SCP HTWLL Vacuum System Vent and SCP Hotwell Vent						O			X								O														X		
AT 301, AT 305, AT 307 Distillation Towers						O											O														X		
ASF Fugitives						X			X							X				X	X				X		X				X		
COOL TWR Cooling Tower									X																X						O		
MD 008N, MD 011A, MD 014, MD 017, MD 019, MD 020 Surge Control Vessels						O			X																								
MD 394, MD 395 Ethylbenzene Feed Drum and Isobutylene Tank						O			X																						X		
GQ 001 Flare System					O	O			X			X					X	O						X	X	X					X		
T 102, T 105, T 106, T 5, T 5A, T 6A Distillation Towers						O			X								X								X	X							
AT 304 Lights Column						O			X								X														X		
HF 303 Dehydro Furnace			X	X	O																												

X - applicable requirement
O - Exemption criteria met
Blank - does not apply

^Chapter 5 citations are federally enforceable
*State Only regulations

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TABLE 1: APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

Emission Point No.	LAC 33:III Chapter											40 CFR 60							40 CFR 61					40 CFR 63								40 CFR 68	40 CFR 82
	5^	9	11	13	15	21	22	29*	51*	56	59*	A	Dc	K Ka	Kb	VV	NNN	RRR	A	J	V	Y	FF	A	F	G	H	Q	Y	DD DDD	FFFF		
HF 001, HF 004, HF 005 Dehydro Furnaces			X	X	O	O			X				X					O							X	X							
DH1, DH4, DH5 Dehydrogenation Reactors						O			X									O							X	X							
DH303 Dehydrogenation Reactor						O			X									O													X		
HB 507, HB 512, HB 513 Boilers			X	X	O		X		X																X	X				X			
MD 074, MF 206 Polymer Tars / Fuel Oil Storage Tanks						O																											
MF 126, MS 112, MV 801, MV 802, MV 803, MV 804, MV 806, MV 807, MV 809, MV 810, MV 812 (vents thru scrubber MV 816), MV 813, MV 814, MV 815, MV 816, MV 818 Storage Tanks						O			X																X	X							
MV 320, MV 330, MV 340 Monomer Storage Tanks						O																											
MV 332 Aromatic Byproducts Storage Tank						O			X																X	X							
MV 808, MV 811, MV 817 Aromatic Lights, Toluene/Benzene, Ethylbenzene Storage Tanks						X			X						X							X			X	X							
AS BL Barge Loading									X																				O				
AS LR Loading Racks									X																X	X					X		
MD 004N, MD 005, MD 006, MD 006A, MD 015, MD 016, MD 017A, MD 019A, MD 019B, MD 019C, MD 019D, MD 019E, MD 020A, MD 020B, MD 020C, MD 020D, MD 020E, MD 023, MD 075, MD 079 Surge Control Vessels and Bottom Receivers						O			X																								
MD 012, MD 013 Inhibitor Drums						O			X																								
MD 005A, MD 005B, MD 008A, MD 017B, MD 018, MD 060 Surge Control Vessels and Bottom Receivers						O			X																								
MD 321, MD 325, MD 326, MD 327, MD 340, MD 341, MD 359, MD 360, MD 360A, MD 361, MD 362, MD 363, MD 364, MD 366 Storage Tanks						O			X																						X		
MS 404, MS 405, MS 406, MS 407, MS 412, MS 413 Biotreatment Feed Tanks						O			X														X		X	X					X		
Vapor Degreasers						O																											
U-CFC Ozone Depleting Materials (ODM)																																	O

X - applicable requirement
O - Exemption criteria met
Blank - does not apply

^Chapter 5 citations are federally enforceable
*State Only regulations

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
Plant Wide	Rules and Regulations for the Fee System of the Air Quality Control Programs LAC 33:III.Chapter 2	Permittee shall pay annual fees per the requirements of LAC 33.III.209	
	Nonattainment New Source Review Procedures LAC 33:III.504	Applicable - This facility is a major source under this program. Facility shall comply with all requirements.	
	Emission Inventory (EI) LAC 33:III.919	Submit EI by March 31st of each year for the period January 1st to December 31st of the previous year	
	Housekeeping, LAC 33:III.2113	Best practical housekeeping and maintenance practices shall be maintained at the highest possible standards to reduce the quantity of organic compounds emitted.	Plan to be kept on site
	Control of Emissions from Odorous Substance LAC 33:III.2901	The facility shall not discharge an odorous substance which causes a perceived odor intensity of six or greater on the specified eight point butanol scale when determined by the department's test method. (Method 41)	
	Toxic Air Pollutant Emission Control Program LAC 33:III.5107 and 5109	Impact of Toxic Air Pollutant (TAP) emissions shall not exceed the Louisiana Toxic Air Pollutant Ambient Air Standards. Submit Toxic Emission Data Inventory (TEDI) report by July 1st each year for the preceding calendar year. Submit discharge report as required.	
	Prevention of Air Pollution Emergency Episodes LAC 33:III.5609	Prepare standby plans for the reduction of emissions during periods of air pollution alert, warning and emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in Tables 5, 6 and 7	
	Chemical Accident Prevention and Minimization of Consequences LAC 33:III.Chapter 59	Comply with sections 5901, 5907, 5911, and 5913 according to the dates specified in Chapter 59.	
	NSPS Subpart A – General Provisions 40 CFR 60.1 – 60.19	All affected (NSPS) stationary sources shall comply with applicable provisions of this Subpart.	
	NESHAP Subpart A – General Provisions 40 CFR 61.1 – 61.19	All affected (NESHAP) stationary sources shall comply with applicable provisions of this Subpart.	

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
Plant Wide (Continued)	NESHAP FF – National Emission Standard for Benzene Waste Operations 40 CFR 61.342	Recordkeeping and reporting only. Maintain records and report as required by 40 CFR 61.355(a)(4) or (5)	Total annual benzene quantity from facility waste < 10 Mg/yr
	NESHAP Subpart A – General Provisions 40 CFR 63.1 – 63.15	All affected (NESHAP-HON/MON) stationary sources shall comply with applicable provisions of this Subpart.	
	Chemical Accident Prevention 40 CFR 68	*Comply with all applicable requirements in Part 68.*	*Deltech will exceed the* threshold quantity for isobutylene (2-methyl propene) with the addition of TBEB production
MD 602 Gasoline Drum	Storage of Volatile Organic Compounds LAC 33:III 2103	Storage tank shall be designed and equipped with a submerged fill pipe or a vapor loss control system as defined in LAC 33:III.2103.E. Storage tank is equipped with a submerged fill pipe. (LAC 33:III.2103.A)	Gasoline vapor pressure > 1.5 psia Tank capacity = 1,023 gals
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Storage tank is equipped with a submerged fill pipe.	Determined as MACT
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Not Applicable – Tank constructed prior to applicability date (June 11, 1973)	Tank was constructed in 1969
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Not Applicable - Tank constructed prior to applicability date (May 18, 1978)	Tank was constructed in 1969
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	Not Applicable – Tank constructed prior to applicability date (July 23, 1984)	Tank was constructed in 1969
	NESHAP (HON) Subpart G for Storage Vessels 40 CFR 63. 119	Not Applicable – This tank is not part of a chemical manufacturing process unit regulated under the HON. [40 CFR 63.100(g)(1)]	

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
AT 513 Condensate Stripper Vent	Waste Gas Disposal LAC 33:III.2115	Exempt. The waste stream has a combined weight of VOC less than 100 lbs in any continuous 24-hour period. (LAC 33:III.2115.H.1.c)	
	Limiting VOC Emissions from SOCMI Reactor Processes and Distillation Operations LAC 33:III.2147	Exempt – Subject to the Hazardous Organic NESHAP (HON) (LAC 33:III.2147.A.2.g)	
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subparts F and G, 40 CFR 63.100, 113(a)(3) and 113(d)	Determined as MACT
	NSPS Subpart NNN – Distillation Operations 40 CFR 60.660	Process vent is required to comply only with the HON for continuous monitoring of recovery device operating parameters and the associated testing, reporting and recordkeeping. [63.110(d)(5)(ii)(C)]	TRE > 1.0
	NSPS Subpart RRR – Reactor Processes 40 CFR 60.700	Not Applicable – Source does not meet the definition of a reactor process. (40 CFR 60.701)	
	NESHAP (HON) Subparts F and G for Process Vents 40 CFR 63.100, 113(a)(3) and 113(d)	Group 2 process vent. Monitoring, TRE calculation, reporting and recordkeeping are required. Daily average temperature on condenser outlet (product side) shall be maintained < 100°F as indicated in the Part 70 Specific Condition No. 5	TRE >1 but <=4
PE 01 MS Vacuum Jet Vent	Waste Gas Disposal LAC 33:III.2115	Exempt. The waste stream has a combined weight of VOC less than 100 lbs in any continuous 24-hour period. (LAC 33:III.2115.H.1.c)	This vent services ten distillation columns (T 8, T 9, T 9B, T 9C, T 9D, T 10, T 10A, T 10B, T 10C, T 11E)
	Limiting VOC Emissions from SOCMI Reactor Processes and Distillation Operations LAC 33:III.2147	Exempt – Subject to the Hazardous Organic NESHAP (HON) (LAC 33:III.2147.A.2.g)	
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Group 2 HON process vents meeting the requirements of 40 CFR 63.100, 113(a)(3) and 113(d) are routed to this source. Only monitoring is required.	Determined as MACT

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
PE 01 MS Vacuum Jet Vent (Continued)	NSPS Subpart NNN – Distillation Operations 40 CFR 60.660	The distillation units serviced by this condenser are required to comply only with the HON for continuous monitoring of recovery device operating parameters and the associated testing, reporting and recordkeeping. [63.110(d)(5)(ii)(C)]	TRE > 1.0
	NSPS Subpart RRR – Reactor Processes 40 CFR 60.700	Not Applicable – Source does not meet the definition of a reactor process. (40 CFR 60.701)	
	NESHAP (HON) Subparts F and G for Process Vents 40 CFR 63.100, 113(a)(3) and 113(d)	Comply with 63.114(b)(2) Daily average temperature on condenser outlet (product side) shall be maintained < 80°F as indicated in the Part 70 Specific Condition No. 6	TRE >1 but <=4
T 8, T 9, T 9B, T 9C, T 9D, T 10, T 10A, T 10B, T 10C, T 11E Distillation Towers	Waste Gas Disposal LAC 33:III.2115	Exempt. The waste stream has a combined weight of VOC less than 100 lbs in any continuous 24-hour period. (LAC 33:III.2115.H.1.c)	Distillation columns vent thru PE 01
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subparts F and G, 40 CFR 63.100, 113(a)(3) and 113(d)	Determined as MACT
	NSPS Subpart NNN – Distillation Operations 40 CFR 60.660	Process vent is required to comply only with the HON for continuous monitoring of recovery device operating parameters and the associated testing, reporting and recordkeeping. [63.110(d)(5)(ii)(C)]	TRE > 1.0
	NESHAP (HON) Subparts F and G for Process Vents 40 CFR 63.100, 113(a)(3) and 113(d)	Group 2 process vent. Monitoring, TRE calculation, reporting and recordkeeping are required. Temperature on condenser outlet (product side) shall be maintained < 80°F as indicated in the Part 70 Specific Condition No. 6	TRE >1 but <=4

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
XB 101 Alkylation Furnace	Control of Emissions of Smoke LAC 33:III.1101	The emission of smoke shall be controlled so that the shade or appearance of the emission is not darker than 20 percent average opacity. (LAC 33:III.1101.B)	
	Emissions from Fuel Burning Equipment LAC 33:III.1313	Emissions of particulate matter to the atmosphere shall not exceed 0.6 pounds per 10^6 BTU of heat input. (LAC 33:III.1313.C)	Calculated emissions for the furnace is 0.0686 lb/MM BTU
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Discharge gases shall not exceed 2000 ppmv for 3 hr avg. Units emitting less than 250 TPY may be exempted by the administrative authority (LAC 33:III.1503.C)	Furnace is < 250 tpy
	NSPS Subpart D – Fossil-Fuel-Fired Steam Generators 40 CFR 60.40	Not Applicable – The heat input rate is < 250 MM BTU/hr. [40 CFR 60.40(a)]	Furnace was constructed in 1982
	NSPS Subpart Db – Industrial-Commercial-Institutional Steam Generating Units 40 CFR 60.40b	Not Applicable – The furnace was constructed prior to the applicability date of June 19, 1984. [40 CFR 60.40b(a)]	Furnace was constructed in 1982
	NSPS Subpart Dc – Small Industrial-Commercial-Institutional Steam Generating Units 40 CFR 60.40c	Not Applicable – The furnace was constructed prior to the applicability date of June 9, 1989. [40 CFR 60.40c(a)]	Furnace was constructed in 1982

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
XD 101 A/B Reactor Effluent Separator Vent (Alkylation Reactors)	Waste Gas Disposal LAC 33:III.2115	Not Applicable – This vent does not emit VOC.	The alkylation reactors XD 101A/B vent to the boilers. During startup, reactors will vent to flare GQ 001 (144 hours per year). When regenerating catalyst, reactors vent to the atmosphere and vent CO only. Regenerating is every other week.
	Limiting VOC Emissions from SOCMI Reactor Processes and Distillation Operations LAC 33:III.2147	Not Applicable – This vent does not emit VOC.	
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subparts F and G, 40 CFR 63.100, 113(a)(3) and (e)	
	NSPS Subpart NNN – Distillation Operations 40 CFR 60.660	Not Applicable – Units meet the definition of a reactor.	
	NSPS Subpart RRR – Reactor Processes 40 CFR 60.700	Exempt – Reactors were constructed prior to applicability date of June 29, 1990.	Reactors meet the definition of a reactor process due to overhead hydrogen stream.
	NESHAP (HON) Subparts F and G for Process Vents 40 CFR 63.100, 113(a)(3) and (e)	Group 2 process vent. TRE calculation, reporting and recordkeeping are required.	TRE > 4.0
PE 005 Vacuum System (AT 010) Vent	Waste Gas Disposal LAC 33:III.2115	Exempt. The waste stream has a combined weight of VOC less than 100 lbs in any continuous 24-hour period. (LAC 33:III.2115.H.1.c)	
	Limiting VOC Emissions from SOCMI Reactor Processes and Distillation Operations LAC 33:III.2147	Exempt – Subject to the Hazardous Organic NESHAP (HON). (LAC 33:III.2147.A.2.g)	
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subparts F and G, 40 CFR 63.100, 113(a)(3) and 113(e)	Determined as MACT
	NSPS Subpart NNN – Distillation Operations 40 CFR 60.660	Exempt – No construction, modification, or reconstruction after 12/30/83.	

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EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
PE 005 Vacuum System (AT 010) Vent (Continued)	NSPS Subpart RRR – Reactor Processes 40 CFR 60.700	Not Applicable – Source does not meet the definition of a reactor process. (40 CFR 60.701)	
	NESHAP (HON) Subparts F and G for Process Vents *40 CFR 63.100, 113(a)(3) and 113(e)*	Group 2 process vent. TRE calculation, reporting and recordkeeping are required.	TRE >4.0
E HTWLL, W HTWLL East and West Hotwell Vents	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subparts F and G, 40 CFR 63.100 and 113(f)	Determined as MACT
	NSPS Subpart NNN – Distillation Operations 40 CFR 60.660	Not Applicable – Source does not meet the definition of a distillation operation. (40 CFR 60.661)	
	NSPS Subpart RRR – Reactor Processes 40 CFR 60.700	Not Applicable – Source does not meet the definition of a reactor process. (40 CFR 60.701)	
	NESHAP (HON) Subparts F and G for Process Vents 40 CFR 63.100 and 113(f)	Group 2 process vent. Maintain flow rate <0.005 m^3/min. Flow rate calculation, reporting and recordkeeping are required.	Flow <0.005 m^3/min
PE 301 Vaccum System Vent	Waste Gas Disposal LAC 33:III.2115	Exempt – The waste stream has a combined weight of VOC less than 100 lbs in any continuous 24-hour period. (LAC 33:III.2115.H.1.c)	This vent services four distillation columns from the SCP unit (AT 302, AT 303, AT 304 and AT 305)
	Limiting VOC Emissions from SOCMI Reactor Processes and Distillation Operations LAC 33:III.2147	*Exempt – Subject to the Hazardous Organic NESHAP* (HON). (LAC 33:III.2147.A.2.g)	*Applies to AT 302 and AT* 303 when separating benzene and toluene
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Group 2 HON/MON process vents meeting the requirements of 40 CFR 63.100 & 113(a)(3) / 63.2455 are routed to this source.	HON applies to AT 302 and AT 303 when separating benzene and toluene. MON applies to AT 302, AT 303, AT 304 & AT 305 when producing DVB or TBS
	NSPS Subpart NNN – Distillation Operations 40 CFR 60.660	Calculated TRE > 8.0. TRE calculation, reporting and recordkeeping are required. [40 CFR 60.660(c)(4)]	Equipment installed in 1960. Equipment will be modified (AT 302 and AT 303)

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
PE 301 Vaccum System Vent (Continued)	NSPS Subpart RRR – Reactor Processes 40 CFR 60.700	Not Applicable – Source does not meet the definition of a reactor process. (40 CFR 60.701)	
	NESHAP (HON) Subpart F and G for Process Vents 40 CFR 63. 100 and 113	Group 2 HON process vents meeting the requirements of 40 CFR 63.100 and 113(a)(3) are routed to this source.	Applies to AT 302 and AT 303 when separating benzene and toluene
	NESHAP (MON) Subpart FFFF for Continuous Process Vents 40 CFR 63.2455	Group 2 MON process vents meeting the requirements of 40 CFR 63.2455 are routed to this source.	Applies to AT 302, AT 303, AT 304 & AT 305 when producing DVB or TBS
AT 302, AT 303, AT 304, AT 305 Distillation Towers	Waste Gas Disposal LAC 33:III.2115	Exempt – The waste stream has a combined weight of VOC less than 100 lbs in any continuous 24-hour period. (LAC 33:III.2115.H.1.c)	Distillation columns venting thru PE 301 AT 305 can vent either to PE 301 or PE 302 AT 304 will vent to flare when making TBEB
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subparts F and G, 40 CFR 63.100, 113(a)(3) and 113(e) when separating benzene and toluene. Comply with NESHAP (MON) Subpart FFFF, 40 CFR 63.2455 (b) when producing DVB or tBS	
	NSPS Subpart NNN – Distillation Operations 40 CFR 60.660	Calculated TRE > 8.0. TRE calculation, reporting and recordkeeping are required. [40 CFR 60.660(c)(4)]	Equipment will be modified (AT 302 and AT 303)
	NESHAP (HON) Subpart F and G for Process Vents, 40 CFR 63. 100, 113(a)(3) and 113(e)	Group 2 process vent. TRE calculation, reporting and recordkeeping are required.	TRE >4.0 Applies to AT 302 and AT 303 when separating benzene and toluene
	NESHAP (MON) Subpart FFFF for Continuous Process Vents 40 CFR 63.2455	Group 2 process vent. TRE calculation, reporting and recordkeeping are required.	TRE >5.0 Applies to AT 302, AT 303, AT 304 & AT 305 when producing DVB or TBS
PE 302, SCP HTWLL Vacuum System Vent and SCP Hotwell Vent	Waste Gas Disposal LAC 33:III.2115	Exempt – The waste stream has a combined weight of VOC less than 100 lbs in any continuous 24-hour period. (LAC 33:III.2115.H.1.c)	PE 302 services three distillation columns from the SCP unit (AT 301, AT 305 & AT 307)
	Limiting VOC Emissions from SOCMI Reactor Processes and Distillation Operations LAC 33:III.2147	Not Applicable – The SCP unit does not produce any of the products listed in LAC 33:III.2199.Appendix A, Table 8 *(SOCMI Chemicals)*	SCP produces Divinyl Benzene

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
PE 302, SCP HTWLL Vacuum System Vent and SCP Hotwell Vent (Continued)	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Group 2 MON process vent meeting the requirements of 40 CFR 63.2455 is routed to this source.	Applicable only to SCP HTWLL, PE 302 does not emit any TAP
	NSPS Subpart NNN – Distillation Operations 40 CFR 60.660	Exempt – Distillation columns were constructed prior to applicability date of December 30, 1983.	Equipment installed in 1960
	NSPS Subpart RRR – Reactor Processes 40 CFR 60.700	Not Applicable – Source does not meet the definition of a reactor process. (40 CFR 60.701)	
	NESHAP (HON) Subpart G for Process Vents, 40 CFR 63.113	Not Applicable – Not part of a chemical manufacturing process unit regulated under the HON. [40 CFR 63.100(i)(1)]	SCP produces Divinyl Benzene
	NESHAP (MON) Subpart FFFF for Continuous Process Vents 40 CFR 63.2455	Group 2 MON process vents meeting the requirements of 40 CFR 63.2455 are routed to this source.	
AT 301, AT 305, AT 307 Distillation Towers	Waste Gas Disposal LAC 33:III.2115	Exempt – The waste stream has a combined weight of VOC less than 100 lbs in any continuous 24-hour period. (LAC 33:III.2115.H.1.c)	Distillation columns venting thru PE 302 AT 305 can vent either to PE 301 or PE 302
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Not Applicable - These columns do not emit any TAPs.	
	NSPS Subpart NNN – Distillation Operations 40 CFR 60.660	Exempt – Distillation columns were constructed prior to applicability date of December 30, 1983.	Equipment installed in 1960
	NESHAP (HON) Subpart G for Process Vents, 40 CFR 63.113	Not Applicable – Not part of a chemical manufacturing process unit regulated under the HON. [40 CFR 63.100(i)(1)]	SCP produces Divinyl Benzene
	NESHAP (MON) Subpart FFFF for Continuous Process Vents 40 CFR 63.2455	Group 2 process vent. TRE calculation, reporting and recordkeeping are required.	TRE >5.0
ASF Fugitives	Control of Emission of Organic Compounds– Pumps and Compressors LAC 33:III.2111	All rotary pumps and compressors handling volatile organic compounds having a true VP ≥1.5 psia at handling conditions shall be equipped with mechanical seals or equivalent equipment or other means as may be approved by the administrative authority.	

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
ASF Fugitives (Continued)	LAC 33:III.5109 LAC 33:III.2122 NSPS 40 CFR 60 Subpart VV NESHAP 40 CFR 61 Subparts J & V NESHAP (HON) 40 CFR 63 Subparts F & H NESHAP (MON) 40 CFR 63 Subpart FFFF	Comply with the Louisiana Consolidated Fugitive Emission Program in accordance with the streamlining provisions in the Part 70 Specific Condition No.2.	The Methyl Styrene (MS) Plant and Styrene Storage are under the HON; the Specialty Chemical Plant (SCP) is under the LA Non-HON and will be under the MON (May 08)
COOL TWR Cooling Tower	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subpart F, 40 CFR 63.104	Determined as MACT
	NESHAP (HON) Subpart F for Heat Exchange Systems 40 CFR 63.104	Monitor influent and effluent of cooling tower in order to detect benzene, cumene, ethyl benzene, styrene, toluene and xylene leak in accordance with 63.104(b).	
	NESHAP Subpart Q for Industrial Processing Cooling Towers 40 CFR 63.400	Not Applicable – No chromium based water treatment chemicals used after 9/08/94.	
	NESHAP (MON) Subpart FFFF for Heat Exchange Systems 40 CFR 63.2490	Exempt – The heat exchange system is operated with the minimum pressure on the cooling water side at least 35 kPa (5.1 psia) greater than the maximum pressure on the process side.	
MD 008N, MD 011A, MD 014, MD 017, MD 019, MD 020 Surge Control Vessels	Storage of Volatile Organic Compounds LAC 33:III.2103	Exempt - Tank capacity > 250 and < 40,000 gals. However, vapor pressure < 1.5 psia	Tank capacities range from 1,990 to 19,729 gals Tanks vent through flare GQ 001
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Since the capacity of each vessel is < 75 m^3 (20,000 gals), no further control is required per 40 CFR 63.170, Sub H Table 2.	Determined as MACT
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Not Applicable – Tanks do not store Petroleum Liquids.	

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EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
MD 008N, MD 011A, MD 014, MD 017, MD 019, MD 020 Surge Control Vessels (Continued)	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	Not Applicable – Tanks constructed prior to applicability date (July 23, 1984). Also, tanks capacity < 75 m^3 (20,000 gals).	Tanks were constructed in 1953
	NESHAP (HON) Subparts F and H for Surge Control Vessels and Bottom Receivers 40 CFR 63.100 and 170	Not Applicable – The capacity of each vessel is < 75 m^3 (20,000 gals). (40 CFR 63.170, Sub H Table 2)	
MD 394, MD 395 Ethylbenzene Feed Drum and Isobutylene Tank	Storage of Volatile Organic Compounds LAC 33:III.2103	Exempt – MD 394: Tank capacity > 250 and < 40,000 gals. However, vapor pressure < 1.5 psia. MD 395: Vapor pressure of liquid stored > 1.5 psia. However, tank is a pressure tank.	Tank capacities: MD 394 = 1,500 gals MD 395 = 12,000 gals Tanks vent to flare
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Feed drum MD 394 contains ethylbenzene. However, total emissions (facility wide) are less than the minimum emission rate (MER). No further control is required.	MD 395 does not emit any TAP
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Not Applicable – Tank does not store Petroleum Liquids.	
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Not Applicable – Tank does not store Petroleum Liquids.	
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	Not Applicable – Tank capacity < 75 m^3 (20,000 gals).	Tanks were constructed in 2003
	NESHAP (HON) Subpart G for Storage Vessels 40 CFR 63.119	Not Applicable – TBEB is not regulated under the HON. [40 CFR 63.100(b)]	
	NESHAP (MON) Subpart FFFF for Storage Vessels 40 CFR 63.2550	MD 394: Group 2 storage vessel. Recordkeeping provisions as per 40 CFR 63.2525 MD 395: Exempt - Tank is a pressure tank.	TBEB – tertiary butyl ethylbenzene

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EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
GQ 001 Flare System	Smoke from Flaring LAC 33:III.1105	Not Applicable – Flare is not used in connection with pressure relief valve releases for control over process upsets. (LAC 33:III.1105)	No pressure relief valves vented to flare
	Emissions Limits LAC 33:III.1311.B	Not Applicable – The flare combusts gaseous fuels only. Gaseous fuels are not included in the definition of "Process Weight". (LAC 33:III.111)	
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt – Emissions of sulfur dioxide are kept below 2000 ppmv. Units emitting < 250 TPY of sulfur compounds may be exempted. (LAC 33:III.1503.C)	
	Waste Gas Disposal LAC 33:III.2115	Exempt – The vent stream from the individual sources serviced by this control system contains less than 100 lbs of VOC during a continuous 24-hour period. (LAC 33:III.2115.H.1.c)	
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Flare shall comply with applicable HON provisions.	Determined as MACT
	NSPS Subpart A – General Control Device Requirements 40 CFR 60.18	The flare shall be operated in accordance with the requirements of 40 CFR 60.18(b) for non-assisted flares.	
	NSPS Subpart VV–Standards of Performance for Equipment Leaks of VOC in SOCMI 40 CFR 60.480	Not Applicable – No pressure relief valves vent to flare.	
	NSPS Subpart NNN – SOCMI Distillation Operations 40 CFR 60.660	A heat sensing device and a flow indicator shall be operated on the flare to comply with 40 CFR 60.663(b).	Distillation units routed through flare: T 102, T105, T 106, T 5, T 5A, T 6A only during startup AT 304 will vent to flare when making TBEB
	NSPS Subpart RRR – Reactor Processes 40 CFR 60.700	Exempt – Reactors were constructed prior to applicability date of June 29, 1990, except DH5. However, DH5 is a Group 1 process vent and is required to comply only with the HON. [40 CFR 63.110(d)(7)]	Reactors routed thru flare: Alkylation reactors XD 101 A/B (startup). Dehydro reactors DH303 & DH1 (all year), DH4 & DH5 (startup)

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EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
GQ 001 Flare System (Continued)	NESHAP Subpart FF – National Emission Standard for Benzene Waste Operations 40 CFR 61.342	No benzene operations that require control. Total annual benzene quantity from facility waste is less than 10 Mg/yr. [40 CFR 61.342(a)]	
	NESHAP (HON) Subpart A - General Provisions, 40 CFR 63.11	Comply with Subpart A, 40 CFR 63.11(b) – General Provisions for control devices.	
	NESHAP (HON) Subparts F and G for Process Vents 40 CFR 63.100 and 113	The flare shall comply with the provisions in 40 CFR 63.11(b) of Subpart A in accordance with 63.116(a).	Control device for Group 1 process vents DH1 (all year), DH4 & DH5 during startup/malfunction Group 2 process vents routed through flare only during startup: Alkylation reactors XD 101A/B; Distillation Towers T 102, T 105, T 106, T 5, T 5A & T 6A
	NESHAP (MON) Subpart FFFF for Continuous Process Vents 40 CFR 63.2455	The flare shall meet the performance requirements in 40 CFR 63.11(b) (General Provisions) in accordance with 63.987 [40 CFR 63.2450(e)]	Control device for Group 1 process vent DH303 Group 2 process vent routed through flare: AT 304 will vent to flare when making TBEB
T 102, T 105, T 106, T 5, T 5A, T 6A Distillation Towers	Waste Gas Disposal LAC 33:III.2115	Exempt – The waste stream has a combined weight of VOC less than 100 lbs in any continuous 24-hour period. (LAC 33:III.2115.H.1.c)	Columns vent to boilers, they vent to the flare only during startup
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subparts F and G, 40 CFR 63.100, 113(a)(3) and 113(e)	Determined as MACT
	NSPS Subpart NNN – Distillation Operations 40 CFR 60.660	Comply with 40 CFR 60.662(a) or (b) by combusting the emissions in a boiler or flare meeting the requirements of 60.18	
	NESHAP (HON) Subparts F and G for Process Vents 40 CFR 63.100, 113(a)(3) and 113(e)	Group 2 process vent. TRE calculation, reporting and recordkeeping are required.	TRE > 4.0

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EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
AT 304 Lights Column	Waste Gas Disposal LAC 33:III.2115	Exempt. The waste stream has a combined weight of VOC less than 100 lbs in any continuous 24-hour period. (LAC 33:III.2115.H.1.c)	AT 304 will vent to flare GQ 001 when making TBEB and will vent to PE 301 when making DVB or TBS
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	AT 304 emits ethylbenzene. However, total emissions (facility wide) are less than the minimum emission rate (MER). No further control is required.	
	NSPS Subpart NNN – Distillation Operations 40 CFR 60.660	Comply with 40 CFR 60.662(b) by combusting the emissions in a flare meeting the requirements of 60.18.	TRE > 4.0
	NESHAP (HON) Subpart G for Process Vents 40 CFR 63.113	Not Applicable – TBEB is not regulated under the HON. [40 CFR 63.100(b)]	TBEB – tertiary butyl ethylbenzene
	NESHAP (MON) Subpart FFFF for Continuous Process Vents 40 CFR 63.2455	Group 2 process vent. TRE calculation, reporting and recordkeeping are required.	TRE >5.0
HF 303 Dehydro Furnace	Control of Emission of Smoke LAC 33:III.1101	The emission of smoke shall be controlled so that the shade or appearance of the emission is not darker than 20 percent average opacity. (LAC 33:III.1101.B)	
	Emissions from Fuel Burning Equipment LAC 33:III.1313	Emissions of particulate matter to the atmosphere shall not exceed 0.6 pounds per 10^6 BTU of heat input. (LAC 33:III.1313.C)	Calculated emissions for the furnace is < 0.01 lb/MM BTU
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt - Flue gases shall not exceed 2000 ppmv for 3 hr avg. Units emitting < 250 tpy may be exempted. (LAC:III.1503.C)	Furnace is < 250 tpy
	Waste Gas Disposal LAC 33:III.2115	Not Applicable – The unit burns natural gas. No waste gas streams enter the unit.	
	NSPS Subpart D – Fossil-Fuel-Fired Steam Generators 40 CFR 60.40	Not Applicable – The heat input rate is < 250 MM BTU/hr. [40 CFR 60.40(a)]	Furnace modified in 1997 Furnace heat input rate is 7.6 MM BTU/hr

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EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
HF 303 Dehydro Furnace (Continued)	NSPS Subpart Db – Industrial-Commercial-Institutional Steam Generating Units 40 CFR 60.40b	Not Applicable – The heat input rate is <100 MM BTU/hr. [40 CFR 60.40b(a)]	Furnace modified in 1997 Furnace heat input rate is 7.6 MM BTU/hr
	NSPS Subpart Dc – Small Industrial-Commercial-Institutional Steam Generating Units 40 CFR 60.40c	Not Applicable – The heat input rate is < 10 MM BTU/hr. [40 CFR 60.40c(a)]	Furnace modified in 1997 Furnace heat input rate is 7.6 MM BTU/hr
HF 001, HF 004, HF 005 Dehydro Furnaces	Control of Emission of Smoke LAC 33:III.1101	The emission of smoke shall be controlled so that the shade or appearance of the emission is not darker than 20 percent average opacity. (LAC 33:III.1101.B)	
	Emissions from Fuel Burning Equipment LAC 33:III.1313	Emissions of particulate matter to the atmosphere shall not exceed 0.6 pounds per 10^6 BTU of heat input. (LAC 33:III.1313.C)	Calculated emissions for the Furnaces are < 0.01 lb/MM BTU
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt – Flue gases shall not exceed 2000 ppmv for 3hr avg. Units emitting < 250 tpy may be exempted. (LAC:III.1503.C)	Furnaces are < 250 tpy
	Waste Gas Disposal LAC 33:III.2115	Exempt – The vent stream from the individual sources serviced by this control system contains less than 100 lbs of VOC during a continuous 24-hour period. (LAC 33:III.2115.H.1.c)	
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Furnaces shall comply with applicable HON provisions.	Determined as MACT
	NSPS Subpart D – Fossil-Fuel-Fired Steam Generators 40 CFR 60.40	Not Applicable – The heat input rate is < 250 MM BTU/hr. [40 CFR 60.40(a)]	Construction dates: HF 001: 1967 HF 004: 1963 HF 005: 1997 Heat Input Rates: HF 001: 66.0 MMBtu/hr HF 004: 66.0 MMBtu/hr HF 005: 47.8 MMBtu/hr
	NSPS Subpart Db – Industrial-Commercial-Institutional Steam Generating Units 40 CFR 60.40b	Not Applicable – The heat input rate is <100 MM BTU/hr. [40 CFR 60.40b(a)]	
	NSPS Subpart Dc – Small Industrial-Commercial-Institutional Steam Generating Units 40 CFR 60.40c	Comply with the reporting and recordkeeping requirements stated in §60.48c	

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HF 001, HF 004, HF 005 Dehydro Furnaces (Continued)	NSPS Subpart RRR – Reactor Processes 40 CFR 60.700	Exempt – Reactor DH4 was constructed prior to applicability date of June 29, 1990, except DH5. However, DH5 is a Group 1 process vent and is required to comply only with the HON. [40 CFR 63.110(d)(7)]	Reactors DH4 and DH5 are routed to furnaces HF 004 and HF 005
	NESHAP (HON) Subparts F and G for Process Vents 40 CFR 63.100 and 113	Process vent streams are introduced with the primary fuel. Therefore, the furnaces are exempt from monitoring and performance testing in accordance with 63.114(a)(3) and 116(b)(2).	Control device (HF 004 and HF 005) for Group 1 process vent streams from DH4 and DH5 reactors
DH1, DH4, DH5, DH303 Dehydrogenation Reactors	Waste Gas Disposal LAC 33:III.2115	Exempt. The waste stream has a combined weight of VOC less than 100 lbs in any continuous 24-hour period. (LAC 33:III.2115.H.1.c)	Group 1 process vents. DH4 and DH5 vent to HF 004 and HF 005 respectively. DH4 and DH5 will vent to flare GQ 001 only during startup or malfunction. DH1 & DH303 vent only to the flare
	Limiting VOC Emissions from SOCMI Reactor Processes and Distillation Operations LAC 33:III.2147	Exempt – Subject to the Hazardous Organic NESHAP (HON). (LAC 33:III.2147.A.2.g)	
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subparts F and G, 40 CFR 63.100, 113(a)(1), 113(a)(2) and (b) Comply with NESHAP (MON) Subpart FFFF, 40 CFR 63.2455	HON applies to DH1, DH4, and DH5 MON applies to DH303
	NSPS Subpart RRR – Reactor Processes 40 CFR 60.700	Exempt – Reactors were constructed prior to applicability date of June 29, 1990, except DH5. However, DH5 is a Group 1 process vent and is required to comply only with the HON. [40 CFR 63.110(d)(7)]	
	NESHAP (HON) Subparts F and G for Process Vents 40 CFR 63.100, 113(a)(1), 113(a)(2) and (b)	The final control device for DH4 and DH5 is furnaces HF 004 and HF 005 respectively. The furnaces shall achieve a 98% or greater HAP removal efficiency. The final control device for DH1 (all year), DH4 and DH5 (startup or malfunction) is the flare.	Applies to DH1, DH4, DH5
	NESHAP (MON) Subpart FFFF for Continuous Process Vents 40 CFR 63.2455	The final control device for DH303 is the flare.	Applies to DH303

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EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
BOILER CAP	Boiler Cap includes the following Emission Points: HB 507, HB 512 and HB 513		
HB 507, HB 512, HB 513 Boilers	Control of Emission of Smoke LAC 33:III.1101	The emission of smoke shall be controlled so that the shade or appearance of the emission is not darker than 20 percent average opacity. (LAC 33:III.1101.B)	
	Emissions from Fuel Burning Equipment LAC 33:III.1313	Emissions of particulate matter to the atmosphere shall not exceed 0.6 pounds per 10^6 BTU of heat input. (LAC 33:III.1313.C)	Calculated emissions for the boilers are < 0.01 lb/MM BTU.
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt – Flue gases shall not exceed 2000 ppmv for 3-hr avg. Units emitting < 250 tpy may be exempted. (LAC:III.1503.C)	Boilers are < 250 tpy
	Control of Emissions of Nitrogen Oxides LAC 33:III.2201	HB 507 is exempt from Chapter 22 since boiler capacity is less than 80 MM Btu/hr. (LAC 33:III.2201.C.1) HB 512 and HB 513 are controlled via flue gas recirculation.	HB 507: 27.1 MMBtu/hr HB 512: 157 MMBtu/hr HB 513: 132 MMBtu/hr
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Group 2 HON process vents meeting the requirements of 40 CFR 63.100 & 113(a)(3) are routed to this source.	Group 2 vents routed to boilers: Alkylation reactors XD 101A/B; Distillation Towers T 102, T 105, T 106, T 5, T 5A & T 6A
	NSPS Subpart D – Fossil-Fuel-Fired Steam Generators, 40 CFR 60.40	Not Applicable – The heat input rate is < 250 MM BTU/hr. [40 CFR 60.40(a)]	Largest boiler heat input rate is 157 MM BTU/hr
	NSPS Subpart Db – Industrial-Commercial-Institutional Steam Generating Units 40 CFR 60.40b	Not Applicable – The boilers were constructed prior to the applicability date of June 19, 1984. [40 CFR 60.40b(a)]	Boilers were constructed between 1959 and 1973
	NSPS Subpart Dc – Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60.40c	Not Applicable – The boilers were constructed prior to the applicability date of June 9, 1989. [40 CFR 60.40c(a)]	Boilers were constructed between 1959 and 1973
	NESHAP (HON) Subparts F and G for Process Vents, 40 CFR 63.100 and 113(a)(3)	Group 2 HON process vents meeting the requirements of 40 CFR 63.100 and 113(a)(3) are routed to this source.	
	NESHAP Subpart DDDDD for Industrial, Commercial, and Institutional Boilers and Process Heaters 40 CFR 63.7506(b)	The boilers listed in 40 CFR 63.7506(b) are subject to only the initial notification requirements in 63.9(b) and are not subject to any other requirements of Subpart DDDDD or 40 CFR 63 Subpart A. [40 CFR 63.7506(b)]	Boilers HB 507 & HB 512 are existing large liquid fuel units. Boiler HB 513 is an existing gaseous fuel unit

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EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
TANK CAP	Tank Cap includes the following Emission Points: MD 074, MF 126, MF 206, MS 112, MV 320, MV 330, MV 332, MV 340, MV 801, MV 802, MV 803, MV 804, MV 806, MV 807, MV 809, MV 810, MV 812, MV 813, MV 814, MV 815, MV 816, MV 818		
MD 074, MF 206 Polymer Tars / Fuel Oil Storage Tanks	Storage of Volatile Organic Compounds LAC 33:III 2103	Exempt – MD 074: Tank capacity > 250 and < 40,000 gals. However, vapor pressure < 1.5 psia. MF 206: Tank capacity > 40,000 gals. However, vapor pressure of liquid stored < 1.5 psia.	Tank capacities: MD 074 = 10,000 gals MF 206 = 88,000 gals
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Not Applicable – These tanks do not store any TAPs.	
	NSPS 40 CFR 60 Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS 40 CFR 60 Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	Not Applicable – Tanks constructed prior to applicability date (July 23, 1984)	Tank MD 074 was constructed in 1978 Tank MF 206 was constructed in 1969
	NESHAP (HON) Subpart G for Storage Vessels 40 CFR 63. 119	Not Applicable - These tanks do not store any OHAPs.	
MF 126, MS 112, MV 801, MV 802, MV 803, MV 804, MV 806, MV 807, MV 809, MV 810, MV 812 (vents thru vent scrubber MV 816), MV 813, MV 814, MV 815, MV 816, MV 818 Storage Tanks	Storage of Volatile Organic Compounds LAC 33:III.2103	Exempt – Tank capacity > 40,000 gals (only MS 112 < 40,000 gals). However, vapor pressure of liquid stored < 1.5 psia.	Tank capacities range from 22,298 to 3,371,000 gals
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subparts F and G, 40 CFR 63.100 and 119(a)(3)	Determined as MACT

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MF 126, MS 112, MV 801, MV 802, MV 803, MV 804, MV 806, MV 807, MV 809, MV 810, MV 812 (vents thru vent scrubber MV 816), MV 813, MV 814, MV 815, MV 816, MV 818 Storage Tanks (Continued)	NSPS 40 CFR 60 Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS 40 CFR 60 Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	Not Applicable – All tanks constructed prior to applicability date (July 23, 1984), except MV 818. However, vapor pressure of liquid stored in MV 818 < 0.5 psia.	Tanks were constructed between 1953 and 1973 MV 818 will be constructed
	NESHAP (HON) Subparts F and G for Storage Vessels 40 CFR 63.100 and 119(a)(3)	Group 2 storage vessel. Recordkeeping provisions as per 40 CFR 63.123(a)	Vapor pressure < 5.2 kPa (0.75 psia)
MV 320, MV 330, MV 340 Monomer Storage Tanks	Storage of Volatile Organic Compounds LAC 33:III.2103	Exempt – MV 320 and MV 330: Tank capacity > 250 and < 40,000 gals. However, vapor pressure < 1.5 psia. MV 340: Tank capacity > 40,000 gals. However, vapor pressure of liquid stored < 1.5 psia.	Tank capacities: MV 320 = 23,793 gals MV 330 = 23,793 gals MV 340 = 56,398 gals
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Not Applicable - These tanks do not store any TAPs.	
	NSPS 40 CFR 60 Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS 40 CFR 60 Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	Not Applicable – Tanks constructed prior to applicability date (July 23, 1984). No reconstruction or modification.	Tanks were constructed between 1963 and 1970

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MV 320, MV 330, MV 340 Monomer Storage Tanks (Continued)	NESHAP (HON) Subpart G for Storage Vessels 40 CFR 63.119	Not Applicable – Not part of a chemical manufacturing process unit regulated under the HON. [40 CFR 63.100(g)(1)]	SCP produces Divinyl Benzene
	NESHAP (MON) Subpart FFFF for Storage Vessels 40 CFR 63.2550	Exempt – Tanks do not store any HAPs.	
MV 332 Aromatic Byproducts Storage Tank	Storage of Volatile Organic Compounds LAC 33:III.2103	Exempt – Tank capacity > 250 and < 40,000 gals. However, vapor pressure < 1.5 psia	Tank capacity = 10,575 gals
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subparts F and G, 40 CFR 63.100 and 119(a)(3)	Determined as MACT
	NSPS 40 CFR 60 Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Not Applicable – Tank does not store Petroleum Liquids.	
	NSPS 40 CFR 60 Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Not Applicable – Tank does not store Petroleum Liquids.	
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	Not Applicable – Tank constructed prior to applicability date (July 23, 1984). No reconstruction or modification.	Tank was constructed in 1963
	NESHAP (HON) Subparts F and G for Storage Vessels 40 CFR 63.100 and 119(a)(3)	Group 2 storage vessel. Recordkeeping provisions as per 40 CFR 63.123(a)	Vapor pressure < 13.1 kPa (1.9 psia)

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IFR CAP	Internal Floating Roof Cap includes the following Emission Points: MV 808, MV 811 and MV 817		
MV 808, MV 811, MV 817 Aromatic Lights, Toluene / Benzene, Ethylbenzene Storage Tanks	Storage of Volatile Organic Compounds LAC 33:III.2103	Storage vessel > 40,000 gals and vapor pressure >1.5 psia must be equipped with a submerged fill pipe and IFR, EFR or vapor loss control system. Tanks are equipped with an internal floating roof with dual seals. (LAC 33:III.2103.B)	Tank capacities: MV 808 = 108,928 gals MV 811 = 845,968 gals MV 817 = 846,000 gals
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subparts F and G, 40 CFR 63.100, 119(a)(1) and 119(b)	Determined as MACT
	NSPS 40 CFR 60 Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Not Applicable – Tank does not store Petroleum Liquids.	
	NSPS 40 CFR 60 Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Not Applicable – Tank does not store Petroleum Liquids.	
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	Storage vessel subject to Kb and the HON. Tank is a Group 1 storage vessel and is required to comply only with the HON. [40 CFR 63.110(b)(1)]	
	NESHAP Subpart Y – National Emission Standard for Benzene Emissions From Benzene Storage Vessels 40 CFR 61.270	Storage vessel subject to Subpart Y and the HON. Tank is a Group 1 storage vessel and is required to comply only with the HON. [40 CFR 63.110(b)(2)]	
	NESHAP (HON) Subparts F and G for Storage Vessels 40 CFR 63.100, 119(a)(1) and (b)	Tank shall be equipped with an internal floating roof. The IFR shall comply with the requirements specified in 63.119(b)(1) through (b)(6).	Group 1 storage vessel

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LOAD CAP	Loading Cap includes the following Emission Points: AS BL and AS LR		
AS BL Barge Loading	Control of Emission of Organic Compounds - Marine Vapor Recovery LAC 33:III.2108	Not Applicable – Uncontrolled emissions of VOC less than 100 tons/year. Also, vapor pressure of material loaded into barges is less than 1.5 psia at the loading temperature.	
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Vapor pressure of material loaded is less than 1.5 psia. No further control is required per 40 CFR 63.560(d)(1).	Determined as MACT
	NESHAP Subpart BB – Benzene Transfer Operations 40 CFR 61.300	Not Applicable – Benzene is not loaded at this facility.	
	NESHAP (HON) Subpart G for Transfer Operations 40 CFR 63.126	Not Applicable – Applies only to tank trucks and railcars per definition in 40 CFR 63.101.	
	NESHAP Subpart Y for Marine Tank Vessel Loading Operations 40 CFR 63.560	Exempt – Loading operation with vapor pressure less than 1.5 psia at standard conditions. [40 CFR 63.560(d)(1)]	
AS LR Loading Racks	Control of Emission of Organic Compounds - Volatile Organic Compounds – Loading LAC 33:III.2107	Not Applicable – Vapor pressure of material loaded is less than 1.5 psia at the loading conditions.	
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subparts F and G, 40 CFR 63.100 and 126(c).	Determined as MACT
	NESHAP Subpart BB – Benzene Transfer Operations 40 CFR 61.300	Not Applicable – Benzene is not loaded at this facility.	
	NESHAP (HON) Subparts F and G for Transfer Operations 40 CFR 63.100 and 126(c)	Group 2 transfer rack. Recordkeeping provisions as per 40 CFR 63.130(f)	Vapor pressure of material loaded < 1.5 psia
	NESHAP (MON) Subpart FFFF for Transfer Racks 40 CFR 63.2475	Group 2 transfer rack. Recordkeeping provisions as per 40 CFR 63.2525(b)	

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
MS CAP	MS Drums Cap includes the following Emission Points: MD 004N, MD 005, MD 005A, MD 005B, MD 006, MD 006A, MD 008A, MD 012, MD 013, MD 015, MD 016, MD 017A, MD 017B, MD 018, MD 019A, MD 019B, MD 019C, MD 019D, MD 019E, MD 020A, MD 020B, MD 020C, MD 020D, MD 020E, MD 023, MD 060, MD 075, MD 079		
MD 004N, MD 005, MD 006, MD 006A, MD 015, MD 016, MD 017A, MD 019A, MD 019B, MD 019C, MD 019D, MD 019E, MD 020A, MD 020B, MD 020C, MD 020D, MD 020E, MD 023, MD 075, MD 079 Surge Control Vessels and Bottom Receivers	Storage of Volatile Organic Compounds LAC 33:III 2103	Exempt - Tank capacity > 250 and < 40,000 gals. However, vapor pressure < 1.5 psia	Tank capacities range from 1,190 to 19,830 gals except MD 075 & MD 079 (214 gals each)
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Since the capacity of each vessel is < 75 m^3 (20,000 gals), no further control is required per 40 CFR 63.170, Sub H Table 2.	Determined as MACT
	NSPS 40 CFR 60 Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS 40 CFR 60 Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	Not Applicable – Tanks constructed prior to applicability date (July 23, 1984). Also, tanks capacity < 75 m^3 (20,000 gals).	Tanks were constructed between 1953 and 1960 except MD 075 & MD 079 constructed in 1983
	NESHAP (HON) Subparts F and H for Surge Control Vessels and Bottom Receivers 40 CFR 63.100 and 170	Not Applicable – The capacity of each vessel is < 75 m^3 (20,000 gals). (40 CFR 63.170, Sub H Table 2)	Vapor pressure < 13.1 kPa (1.9 psia)
MD 012, MD 013 Inhibitor Drums	Storage of Volatile Organic Compounds LAC 33:III 2103	Exempt - Tank capacity > 250 and < 40,000 gals. However, vapor pressure < 1.5 psia	Tank capacities: MD 012 = 1,000 gals MD 013 = 5,500 gals
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Tanks are filled from the bottom of the tank to minimize emissions during filling.	Determined as MACT

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
MD 012, MD 013 Inhibitor Drums *(Continued)*	NSPS 40 CFR 60 Subpart K - Standards of Performance for Storage Vessels for Petroleum *Liquids 40 CFR 60.110*	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS 40 CFR 60 Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	Not Applicable – Tanks constructed prior to applicability date (July 23, 1984)	Tanks were constructed in 1953 and 1954
	NESHAP (HON) Subpart G for Storage Vessels 40 CFR 63.119	Not Applicable – Tank capacity < 38 m^3 (10,070 gallons). (40 CFR 63.101)	
MD 005A, MD 005B, MD 008A, MD 017B, MD 018, MD 060 Surge Control Vessels and Bottom Receivers	Storage of Volatile Organic Compounds LAC 33:III 2103	Exempt - Tank capacity > 250 and < 40,000 gals. However, vapor pressure < 1.5 psia	Tank capacities range from 24,290 to 26,247 gals
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Since the vapor pressure of each vessel is < 13.1 kPa (1.9 psia), no further control is required per 40 CFR 63.170, Sub H Table 2.	Determined as MACT
	NSPS 40 CFR 60 Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS 40 CFR 60 Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	Not Applicable – Tanks constructed prior to applicability date (July 23, 1984)	Tanks were constructed in between 1953 and 1955 except MD 060 constructed in 1978
	NESHAP (HON) Subparts F and H for Surge Control Vessels and Bottom Receivers 40 CFR 63.100 and 170	Not Applicable – Vessel capacities range from 75 to 151 m^3 (20,000 – 40,000 gals). However, vapor pressure < 13.1 kPa (1.9 psia). No further control is required. (40 CFR 63.170, Sub H Table 2)	

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TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
SCP CAP	SCP Drums Cap includes the following Emission Points: MD 321, MD 325, MD 326, MD 327, MD 340, MD 341, MD 359, MD 360, MD 360A, MD 361, MD 362, MD 363, MD 364, MD 366		
MD 321, MD 325, MD 326, MD 327, MD 340, MD 341, MD 359, MD 360, MD 360A, MD 361, MD 362, MD 363, MD 364, MD 366 Storage Tanks	Storage of Volatile Organic Compounds LAC 33:III 2103	Exempt - Tank capacity > 250 and < 40,000 gals. However, vapor pressure < 1.5 psia	Tank capacities range from 312 to 20,464 gals
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Tanks emit ethylbenzene and naphthalene. However, total emissions (facility wide) of each individual TAP are less than the minimum emission rate (MER). No further control is required.	
	NSPS 40 CFR 60 Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS 40 CFR 60 Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	Not Applicable – Tanks constructed prior to applicability date (July 23, 1984). Applicable only to MD 366. However, tank is exempt because the capacity is less than 75 m^3 (20,000 gals).	Tanks were constructed between 1953 and 1970, except MD 366 constructed in 1989
	NESHAP (HON) Subpart G for Storage Vessels 40 CFR 63.119	Not Applicable – Not part of a chemical manufacturing process unit regulated under the HON. [40 CFR 63.100(g)(1)]	SCP produces Divinyl Benzene
	NESHAP (MON) Subpart FFFF for Storage Vessels 40 CFR 63.2550	Group 2 storage vessel. Recordkeeping provisions as per 40 CFR 63.2525	Vapor pressure < 6.9 kPa (1.0 psia)

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EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
WWT	Wastewater Treatment System includes the following Emission Points: MS 404, MS 405, MS 406, MS 407, MS 412, MS 413		
MS 404, MS 405, MS 406, MS 407, MS 412, MS 413 Biotreatment Feed Tanks	Storage of Volatile Organic Compounds LAC 33:III.2103	Exempt – Tank capacity > 250 and < 40,000 gals. However, vapor pressure < 1.5 psia.	Tank capacities range from 20,000 to 40,000 gals
	Limiting VOC Emissions from Industrial Wastewater LAC 33:III.2153	Not Applicable – Wastewater stream does not meet definition of affected volatile organic compound (VOC) wastewater as per LAC 33:III.2153.A	
	Comprehensive Toxic Air Pollutant (TAP) Emission Control Program LAC 33:III.5109	Comply with NESHAP (HON) Subparts F and G, 40 CFR 63.100 and 132(a)(3).	Determined as MACT
	NSPS 40 CFR 60 Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS 40 CFR 60 Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	Not Applicable – Tanks do not store Petroleum Liquids.	
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	Not Applicable – Tanks constructed prior to applicability date (July 23, 1984). No reconstruction or modification.	Tanks were constructed in 1977
	NESHAP Subpart FF – National Emission Standard for Benzene Waste Operations 40 CFR 61.342	Facility with less than 10 Mg/yr does not have to comply with the standard requirements in 61.342(b) and (c). Only recordkeeping and reporting are required. [40 CFR 61.342(a)]	Total annual benzene quantity from facility waste < 10 Mg/yr
	NESHAP (HON) Subparts F and G for Process Wastewater 40 CFR 63.100 and 132(a)(3)	Group 2 wastewater. Recordkeeping and reporting are required.	Wastewater stream HAP concentration <1000 ppm
	NESHAP (MON) Subpart FFFF for Process Wastewater 40 CFR 63.2485	Group 2 wastewater. Recordkeeping provisions as per 40 CFR 63.2525	Wastewater stream HAP concentration <1000 ppm

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EMISSION POINT	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/PROVISION	NOTES
Vapor Degreasers	Vapor Degreasers LAC 33:III.2125	Exempt – Vapor degreaser emits less than 100 lbs (45 kg) of VOC in any consecutive 24-hour period. Total emissions from all the vapor degreasers at the facility combined are less than 100 tons/year of VOC, uncontrolled. (LAC 33:III.2125.D)	
	NESHAP Subpart T for Halogenated Solvent Cleaning 40 CFR 63.460	Not Applicable – No halogenated HAP solvent is used. [40 CFR 63.460(a)]	
U-CFC Ozone Depleting Materials (ODM)	Clean Air Act Section 608	Effective 7/1/92, Class I or Class II refrigerants used in appliances or industrial process refrigeration systems may not be knowingly vented, releases, or disposed in a manner that allows them to enter the environment. Deminimus releases, however, associated with good faith attempts or recover or safely dispose of these refrigerants are not prohibited. (CAA Section 608)	
	Nonessential Products Ban: Class I Ozone Depleting Substances 40 CFR 82 Subpart C	Exempt. This regulation applies to the seller and distributor of nonessential products containing Class I substances. (40 CFR 82.64)	Deltech is a commercial purchaser.
	Labeling for Ozone Depleting Substances 40 CFR 82 Subpart E	Containers and products meeting the applicability criteria shall be labeled with specific warning statements prior to shipment, effective: 1) 5/15/93 for containers containing Class I or Class II substances. 2) 5/15/93 for products containing or manufactured with Class I substances. 3) January 1, 2015 for products containing or manufactured with Class II substances (40 CFR 82.106)	Few containers will be shipped from Deltech that contain Class I or Class II substances, and that those that do occur will generally be wastes or recyclable materials. An example would include waste 1,1,1-trichloroethane. Recycled materials will be handled by trained technicians in accordance with the requirements.

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TABLE 3: COMPLIANCE MONITORING DEVICES, ACTIVITIES, OR METHODS

EMISSION POINT	APPLICABLE COMPLIANCE REQUIREMENT	MONITORING, REPORTING & RECORDKEEPING (MRR) *METHOD/PROVISIONS*	NOTES
Plant Wide	LAC 33:III.919 Emission Inventory	Submit emission inventory data per requirements of 919 by March 31 for the previous calendar year.	Maintain records for a period of 5 years.
	Toxic Air Pollutant Emission Control Program LAC 33:III.5107	Submit TEDI report by July 1st each year for the preceding calendar year. Submit discharges reports as required.	Reporting
	Chemical Accident Prevention and Minimization of Consequences – LAC 33:III.Chapter 59 Chemical Accident Prevention - 40 CFR 68	Submit a Risk Management Plan by the specified date.	Reporting
	NESHAP FF – National Emission Standard for Benzene Waste Operations 40 CFR 61.356 and 61.357	Maintain records of each waste stream subject to this subpart and applicable control. Submit initial and /or annual report.	Recorkeeping/ Reporting
	NESHAP for Source Categories Subpart G, 40 CFR 63.151 and 152	Shall comply with all the applicable requirements in 40 CFR 63.151(b), 152(a), (b) and (c)	Reporting
	NESHAP for Source Categories Subpart FFFF, 40 CFR 63.2520	Shall comply with all the applicable requirements in 40 CFR 63.2520(a) & (b)	Reporting
MD 602, MD 008N, MD 011A, MD 014, MD 017, MD 019, MD 020, MD 394, MD 395, MD 074, MF 126, MF 206, MS 112, MV 320, MV 330, MV 332, MV 340, MV 801, MV 802, MV 803, MV 804, MV 806, MV 807, MV 809, MV 810, MV 812, MV 813, MV 814, MV 815, MV 816, MV 818, MV 808, MV 811, MV 817, MD 004N, MD 005, MD 005A, MD 005B, MD 006, MD 006A, MD 008A, MD 012, MD 013, MD 015, MD 016, MD 017A, MD 017B, MD 018, MD 019A, MD 019B, MD 019C, MD 019D, MD 019E, MD 020A, MD 020B, MD 020C, MD 020D, MD 020E, MD 023, MD 060, MD 075, MD 079, MD 321, MD 325, MD 326, MD 327, MD 340, MD 341, MD 359, MD 360, MD 360A, MD 361, MD 362, MD 363, MD 364, MD 366, MS 404, MS 405, MS 406, MS 407, MS 412, MS 413 Storage Tanks	Storage of Volatile Organic Compounds LAC 33:III.2103.I	Maintain records to verify compliance with or exemption from LAC 33:III.2103	Part 70 requires records to be kept for 5 years

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TABLE 3: COMPLIANCE MONITORING DEVICES, ACTIVITIES, OR METHODS

EMISSION POINT	APPLICABLE COMPLIANCE REQUIREMENT	MONITORING, REPORTING & RECORDKEEPING (MRR) METHOD/PROVISIONS	NOTES
MF 126, MS 112, MV 801, MV 802, MV 803, MV 804, MV 806, MV 807, MV 809, MV 810, MV 812, MV 813, MV 814, MV 815, MV 816, MV 818, MV 332 Storage Tanks	NESHAP (HON) Subpart G for Storage Vessels 40 CFR 63.119(a)(3)	Recordkeeping per 40 CFR 63.123(a): 1-Keep accessible records showing the dimensions of the storage vessels 2-Analysis showing the capacity of the storage vessel Records shall be kept as long as the storage vessel retains Group 1 or Group 2 status and is in operation	Group 2 storage vessels
MD 321, MD 325, MD 326, MD 327, MD 340, MD 341, MD 359, MD 360, MD 360A, MD 361, MD 362, MD 363, MD 364, MD 366, MD 394 Storage Tanks	NESHAP (MON) Subpart FFFF for Storage Vessels 40 CFR 63.2550	Records of each operating scenario per 40 CFR 63.2525(b): 1-Dimensions of the storage tank 2-Capacity of the storage tank 3-Identification of the liquid stored	Group 2 storage vessels
MV 808, MV 811, MV 817 Aromatic Lights, Toluene/Benzene, Ethylbenzene Storage Tanks	NESHAP (HON) Subpart G for Storage Vessels 40 CFR 63.119(b)	Tanks are equipped with an Internal Floating Roof: Monitoring per 40 CFR 63.120 (a)(1) through (a)(7). Reporting per 40 CFR 63.122 (a), (d) & (h) Recordkeeping per 40 CFR 63.123(a) & (c)	Group 1 storage vessels
AT 513, PE 01 Condensate Stripper Vent, MS Vacuum Jet Vent	NESHAP (HON) Subpart G for Process Vents 40 CFR 63.113(d)	Monitoring per 40 CFR 63.114(b)(2), TRE calculation per 63.115, and the applicable reporting and recordkeeping per 63.117 and 63.118 AT 513: Temperature on condenser outlet (product side) shall be maintained < 100°F as indicated in the Part 70 Specific Condition No. 5 PE 01: Temperature on condenser outlet (product side) shall be maintained < 80°F as indicated in the Part 70 Specific Condition No. 6 Report in the Periodic Report under 63.152(c) any average temperature outside the range established.	Group 2 process vent TRE > 1.0 and <= 4.0 PE 01 services ten distillation columns (T 8, T 9, T 9B, T 9C, T 9D, T 10, T 10A, T 10B, T 10C, T 11E)
XD 101A/B, PE 005 Alkylation Reactors, Vacuum System (AT 010) Vent	NESHAP (HON) Subpart G for Process Vents CFR 40 63.113(e)	TRE calculations per 40 CFR 63.115. Reporting and recordkeeping provisions per 63.117(b), 63.118(c) and (h)	Group 2 process vent TRE > 4.0

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EMISSION POINT	APPLICABLE COMPLIANCE REQUIREMENT	MONITORING, REPORTING & RECORDKEEPING (MRR) METHOD/PROVISIONS	NOTES
EHTWLL, WHTWLL East and West Hotwell Vents	NESHAP (HON) Subpart G for Process Vents 40 CFR 63.113(f)	Flow rate calculations per 40 CFR 63.115. Reporting and recordkeeping provisions per 63.117(c), 63.118(d) and (i)	Group 2 process vent Flow rate < 0.005 m^3/min
PE 301 Vacuum System Vent	NESHAP (HON) Subpart G for Process Vents CFR 40 63.113(e)	TRE calculations per 40 CFR 63.115. Reporting and recordkeeping provisions per 63.117(b), 63.118(c) and (h)	Group 2 process vent TRE > 4.0 Applies to columns AT 302 & AT 303 when separating benzene and toluene
	NESHAP (MON) Subpart G for Process Vents CFR 40 63.2455	TRE calculations per 40 CFR 63.115(d) as specified in 63.2455(b). Reporting and recordkeeping provisions per 63.2520 and 63.2525	Group 2 process vent TRE > 5.0 Applies to columns AT 302, AT 303, AT 304 & AT 305 when producing DVB or TBS
PE 302 Vacuum System Vent	NESHAP (MON) Subpart G for Process Vents CFR 40 63.2455	TRE calculations per 40 CFR 63.115(d) as specified in 63.2455(b). Reporting and recordkeeping provisions per 63.2520 and 63.2525	Group 2 process vent TRE > 5.0 Applies to columns AT 301, AT 305, AT 307
T 102, T 105, T 106, T 5, T 5A, T 6A Distillation Towers	NESHAP (HON) Subpart G for Process Vents CFR 40 63.113(e)	TRE calculations per 40 CFR 63.115. Reporting and recordkeeping provisions per 63.117(b), 63.118(c) and (h)	Group 2 process vent TRE > 4.0 Columns vent to boilers. Columns vent to flare only during startup
AS-F Fugitives	Leak Detection and Repair (LDAR) Program	MRR per overall most stringent program listed in the LA Consolidated Fugitive Emission Program in accordance with the streamlining provisions in the Part 70 Specific Condition No. 2	The Methyl Styrene (MS) Plant and Styrene Storage are under the HON; the Specialty Chemical Plant (SCP) is under the LA Non-HON and will be under the MON (May 08)
COOL TWR Cooling Tower	NESHAP Subpart F for Heat Exchange Systems 40 CFR 63.104	Monitor cooling water quarterly to detect leaks. Keep records of test results, leaks and repair actions. Report delay of repair leaks in the next semi-annual report. [63.104(f)(2)]	

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EMISSION POINT	APPLICABLE COMPLIANCE REQUIREMENT	MONITORING, REPORTING & RECORDKEEPING (MRR) METHOD/PROVISIONS	NOTES
GQ 001 Flare	NSPS Subpart A 40 CFR 60.18(b)	Flare to meet the requirements in 60.18(b) for non-assisted flares: There will be no visible emissions exceeding a total of 5 minutes during any 2-hour period. A flame will be present at all times. The heating value of combustion gas will be equal or greater than 200 Btu/scf. The exit velocity will be less than 60 ft/sec except as allowed in 40 CFR 60.18(b)(4)(ii) and (iii). Maintain a heat sensing device and a flow indicator on the flare per 60.663(b). Keep records of vent stream flow to the flare and records of all periods when vent stream is diverted from the flare or has no flow rate per 60.665(d). Keep records of the flare pilot flame monitoring and all periods when the pilot flame is absent per 60.665(f). Submit semiannual reports when the vent stream is diverted or has no flow rate per 60.665(l)(2). Submit semiannual reports when the pilot flame is absent per 60.665(l)(4).	Flare is used to comply with NSPS Subpart NNN – Distillation Operations
	NESHAP (HON) Subpart G for Process Vents 40 CFR 63.113(a)(1)	Flare to meet the requirements in 63.11(b) for non-assisted flares. MRR per 40 CFR 63.114, 63.117 and 63.118 A device capable of continuously detecting the presence of a flame as required by 63.114(a)(2). Hourly records of monitor continuously operating and pilot flame continuously present during each hour. Record the times and durations of all periods when all pilot flames are absent or the monitor is not operating as required in Table 3 of Part 63, Sub G, App Report in the Periodic Report required by 63.152(c) the times and durations of all periods when all pilot flames of a flare are absent.	Control device for HON Group 1 process vents DH1 (all year), DH4 and DH5 (startup, shutdown or malfunction)
	NESHAP (MON) Subpart G for Process Vents CFR 40 63.2455	Flare to meet the requirements in 63.11(b) for non-assisted flares as required in 63.987 MRR per 40 CFR 63.987(c), 63.998(a)(1) and 63.999(a)	Control device for MON Group 1 process vent DH303

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EMISSION POINT	APPLICABLE COMPLIANCE REQUIREMENT	MONITORING, REPORTING & RECORDKEEPING (MRR) *METHOD/PROVISIONS*	NOTES
XB 101, HF 303, HF 001, HF 004, HF 005, HB 507, HB 512, HB 513 Furnaces & Boilers	Control of Emission of Smoke LAC 33:III.1101	Weekly visual observation for opacity without a qualified observer. If visible emission observed for more than six minutes, record as opacity exceedance. These records shall be kept on site and made available upon request.	Part 70 requires records to be kept for 5 years
GQ 001, XB 101, HF 303, HF 001, HF 004, HF 005, HB 507, HB 512, HB 513 Flare, Furnaces & Boilers	Emission Standards for Sulfur Dioxide LAC 33:III.1513	Record and retain at the site for at least two years the data required to demonstrate compliance with or exemption from LAC 33:III.1503. Data shall be made available on request. Quarterly reports of three-hour excess emissions and prompt reports of emergency occurrences in accordance with LAC 33:III.927 shall be made.	Part 70 requires records to be kept for 5 years
HF 004, HF 005 Dehydro Furnaces	NESHAP (HON) Subpart G for Process Vents 40 CFR 63.113(a)(2)	Exempt from monitoring per 40 CFR 63.114(a)(3). The vent streams are mixed with natural gas prior to being introduced into the furnaces.	Furnaces receive Group 1 process vent streams from reactors DH4 and DH5
BOILER CAP HB 507, HB 512, HB 513	Part 70 Specific Condition No. 3	Monitoring Continuously measure gas, tar and fuel oil inputs to boilers Recordkeeping Record monthly input totals for all boilers, calculate and record emissions of the cap each month and for the last 12 consecutive months Reporting Submit annual report of total emissions	
TANK CAP MD 074, MF 126, MF 206, MS 112, MV 320, MV 330, MV 332, MV 340, MV 801, MV 802, MV 803, MV 804, MV 806, MV 807, MV 809, MV 810, MV 812, MV 813, MV 814, MV 815, MV 816, MV 818	Part 70 Specific Condition No. 7	Monitoring Measure chemical throughput to tanks Recordkeeping Record monthly throughput totals for all tanks, calculate and record emissions of the cap each month and for the last 12 consecutive months Reporting Submit annual report of total emissions	

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TABLE 3: COMPLIANCE MONITORING DEVICES, ACTIVITIES, OR METHODS

EMISSION POINT	APPLICABLE COMPLIANCE REQUIREMENT	MONITORING, REPORTING & RECORDKEEPING (MRR) METHOD/PROVISIONS	NOTES
IFR CAP MV 808, MV 811, MV 817	Part 70 Specific Condition No. 8	Monitoring Measure chemical throughput to tanks Recordkeeping Record monthly throughput totals for all tanks, calculate and record emissions of the cap each month and for the last 12 consecutive months Reporting Submit annual report of total emissions	
LOAD CAP AS BL, AS LR	Part 70 Specific Condition No. 9	Monitoring Measure chemical throughput of material loaded Recordkeeping Record monthly throughput totals of material loaded, calculate and record emissions of the cap each month and for the last 12 consecutive months Reporting Submit annual report of total emissions	
AS LR Loading Racks	NESHAP (HON) Subpart G for Transfer Operations 40 CFR 63.126(c)	Recordkeeping per 40 CFR 63.130(f): Record, update annually, and maintain the following information on site: 1-Analysis demonstrating the design and actual annual throughput of the transfer rack 2-Analysis documenting the weight-percent organic HAPs in the liquid loaded 3-Analysis documenting the annual rack weighted average HAP partial pressure of the transfer rack	Group 2 transfer rack
	NESHAP (MON) Subpart FFFF for Transfer Racks 40 CFR 63.2475	Keep records of the following information as part of an operating scenario per 63.2525(b): 1-Design and actual throughput of the transfer rack 2- Weight-percent HAP of liquid loaded 3- Annual rack-weighted average HAP partial pressure	Group 2 transfer rack

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TABLE 3: COMPLIANCE MONITORING DEVICES, ACTIVITIES, OR METHODS

EMISSION POINT	APPLICABLE COMPLIANCE REQUIREMENT	MONITORING, REPORTING & RECORDKEEPING (MRR) METHOD/PROVISIONS	NOTES
MS CAP MD 004N, MD 005, MD 005A, MD 005B, MD 006, MD 006A, MD 008A, MD 012, MD 013, MD 015, MD 016, MD 017A, MD 017B, MD 018, MD 019A, MD 019B, MD 019C, MD 019D, MD 019E, MD 020A, MD 020B, MD 020C, MD 020D, MD 020E, MD 023, MD 060, MD 075, MD 079	Part 70 Specific Condition No. 10	Monitoring Measure chemical throughput to tanks Recordkeeping Record monthly throughput totals for all tanks, calculate and record emissions of the cap each month and for the last 12 consecutive months Reporting Submit annual report of total emissions	
SCP CAP MD 321, MD 325, MD 326, MD 327, MD 340, MD 341, MD 359, MD 360, MD 360A, MD 361, MD 362, MD 363, MD 364, MD 366	Part 70 Specific Condition No. 11	Monitoring Measure chemical throughput to tanks Recordkeeping Record monthly throughput totals for all tanks, calculate and record emissions of the cap each month and for the last 12 consecutive months Reporting Submit annual report of total emissions	
WWT MS 404, MS 405, MS 406, MS 407, MS 412, MS 413 Biotreatment Feed Tanks	NESHAP (HON) Subpart G for Process Wastewater 40 CFR 63.132(a)(3) NESHAP (MON) Subpart FFFF for Process Wastewater 40 CFR 63.2485	Reporting and recordkeeping per 40 CFR 63.146(b)(1) and 63.147(b)(8): 1-Process unit identification and description 2-Stream identification code 3-Concentration of compounds (ppm) 4-Flow rate (liter per min)	Group 2 process wastewater

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TABLE 4: TEST METHODS FOR DETERMINING COMPLIANCE

EMISSION POINT	CONTROL DEVICES WORK PRACTICES	TEST METHOD	CRITERIA BEING TESTED	NOTES
ASF Fugitives	40 CFR 63 Subpart H 40 CFR 63 Subpart FFFF LA Non-HON	Method 21 of 40 CFR Part 60, Appendix A	VOC – Determination of VOC emissions from equipment leaks	Fugitive Monitoring Test methods and procedures, 40 CFR 63.180(b) Instrument monitoring methods, 40 CFR 63.1023(b)
GQ 001 Flare	40 CFR 60 Subpart NNN 40 CFR 63 Subpart G 40 CFR 63 Subpart FFFF	Method 22 of 40 CFR Part 60, Appendix A	Compliance determination to determine visible emissions	Procedures to determine compliance: 40 CFR 60.664(c) to demonstrate compliance with 60.662(b) 40 CFR 63.116(a) to demonstrate compliance with 63.113(a)(1) 40 CFR 63.997 to demonstrate compliance with the standards in Table 1 as required in 63.2455
COOL TWR Cooling Tower	40 CFR 63 Subpart F	Any EPA-approved method listed in 40 CFR Part 136	HAP – Concentration of HAPs in exchange system cooling water	Performance test methods and procedures: 40 CFR 63.104(b) to demonstrate compliance with 63.104(a)

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TABLE 5: EQUIPMENT LIST

EMISSION POINT	DESCRIPTION	NOTES
PE 01 MS Vacuum Jet Vent System	T 8 Distillation Tower	
	T 9 Distillation Tower	
	T 9B Distillation Tower	
	T 9C Distillation Tower	
	T 9D Distillation Tower	
	T 10 Distillation Tower	
	T 10A Distillation Tower	
	T 10B Distillation Tower	
	T 10C Distillation Tower	
	T 11E Distillation Tower	
MV 816 Crude Styrene Tank Vent Scrubber	MV 812 ET Storage Tank	
	MV 816 Crude Styrene Tank	
GQ 001 Flare	DH1 Dehydrogenation Reactor	DH4 and DH5 normally vent to furnaces HF 004 and HF 005 respectively. DH4 and DH5 vent to the flare only during startup or malfunction. DH1 and DH303 vent only to the flare.
	DH4 Dehydrogenation Reactor	
	DH5 Dehydrogenation Reactor	
	DH303 Dehydrogenation Reactor	
	XD101A/B Alkylation Reactors	Reactors vent to the flare only during startup.
	T 102 Distillation Tower	Towers vent to the flare only during startup.
	T 105 Distillation Tower	
	T 106 Distillation Tower	
	T 5 Distillation Tower	
	T 5A Distillation Tower	
	T 6A Distillation Tower	
	AT 304 Distillation Tower	Tower will vent to flare when making TBEB
	MD 008N Process Drum	
	MD 011A Process Drum	
	MD 014 Process Drum	
	MD 017 Process Drum	
	MD 019 Process Drum	
	MD 020 Process Drum	
	MD 394 Feed Drum	
	MD 395 Pressure Tank	

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TABLE 5: EQUIPMENT LIST

EMISSION POINT	DESCRIPTION	NOTES
HB 507, HB 512, HB 513 Boilers	XD101A/B Alkylation Reactors	
	T 102 Distillation Tower	
	T 105 Distillation Tower	
	T 106 Distillation Tower	
	T 5 Distillation Tower	
	T 5A Distillation Tower	
	T 6A Distillation Tower	
HF 004 Dehydro Furnace	DH4 Dehydrogenation Reactor	Flare GQ 001 is used as backup control to the Dehydrogenation Furnaces
HF 005 Dehydro Furnace	DH5 Dehydrogenation Reactor	
PE 301 Vacuum System Vent	AT 302 Distillation Tower	
	AT 303 Distillation Tower	
	AT 304 Distillation Tower	Tower will vent to PE 301 when making DVB or TBS
	AT 305 Distillation Tower	Tower can vent either to PE 301 or PE 302
PE 302 Vacuum System Vent	AT 301 Distillation Tower	
	AT 305 Distillation Tower	Tower can vent either to PE 301 or PE 302
	AT 307 Distillation Tower	
WWT Wastewater Treatment System	MS 404 Biotreatment Feed Tank	
	MS 405 Biotreatment Feed Tank	
	MS 406 Biotreatment Feed Tank	
	MS 407 Biotreatment Feed Tank	
	MS 412 Biotreatment Feed Tank	
	MS 413 Biotreatment Feed Tank	

40 CFR PART 70 GENERAL CONDITIONS

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

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

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

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

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

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

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

40 CFR PART 70 GENERAL CONDITIONS

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

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

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

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

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

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

J. Records of required monitoring shall include the following:

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

[Reference 40 CFR 70.6(a)(3)(ii)(A)]

K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]

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

40 CFR PART 70 GENERAL CONDITIONS

M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

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

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

P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]

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

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

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

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

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

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

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

40 CFR PART 70 GENERAL CONDITIONS

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

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

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

3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:

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

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

S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

40 CFR PART 70 GENERAL CONDITIONS

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

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

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

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

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

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

6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

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

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

V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

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

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

III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated November 28, 2005.

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

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

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

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

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

V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

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

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

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

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

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

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

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

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

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

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

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

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

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

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

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

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

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

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

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

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

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

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

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

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

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

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

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

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

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

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

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

AIR QUALITY DATA SHEET

DELTECH FACILITY
AGENCY INTEREST NO.: 248
DELTECH CORPORATION
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

Location of plant: 15 UTM: 672.5 Km E 3381.2 Km N

Description of location: Located adjacent to the closed Devil's Swamp Landfill to the southwest, Baton Rouge Harbor Canal to the west, the former LaChem (closed) and Dravo Lime operation to the north, and Highway 61 to the East, in a heavy industrial zoned area

Estimated starting date of construction: October 2006

Estimated starting date of operation: March 2007

Type of Dispersion Calculations Used:

EFFECTS ON AMBIENT AIR

Pollutant	Time Period	Calculated Maximum Ground Level Concentration (ug/m^3)	Louisiana Ambient Air Standard (NAAQS)(ug/m^3)

TYPE OF SOURCE:

		X	Specialty Chemical
(Existing)	(New)	(Renewal)	(Type of Facility)

EMISSION POINT LIST

DELTECH FACILITY
AGENCY INTEREST NO.: 248
DELTECH CORPORATION
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

Emission Point No.	Description	Operating Rate (Max) or Tank Capacity	Operating Schedule H/D	D/W	W/Y
MD 602	Gasoline Drum	1,023 gals	24	7	52
AT 513	Condensate Stripper Vent	3.5 cfm	24	7	52
PE 01	MS Vacuum Jet Vent	3.0 cfm	24	7	52
XB 101	Alkylation Furnace	7.6 MM BTU/hr	24	7	52
XD 101A/B	Reactor Effluent Separator Vent	4,625 cfm	24	7	52
PE 005	Vacuum System (AT 010) Vent	375 cfm	24	7	52
E HTWLL	East Hotwell Vent	412 gals	24	7	52
W HTWLL	West Hotwell Vent	412 gals	24	7	52
PE 301	Vacuum System Vent	210 cfm	24	7	52
PE 302	Vacuum System Vent	53 cfm	24	7	52
SCP HTWLL	SCP Hotwell Vent	< 1 cfm	24	7	52
ASF	Fugitives Valves and Flanges	NA	24	7	52
COOL TWR	Cooling Tower	24,000 gpm	24	7	52
MD 008N	Recycle Alkylate Drum	5,000 gals	24	7	52
MD 011A	Byproduct Drum	1,990 gals	24	7	52
MD 014	Recycle Alkylate Drum	5,500 gals	24	7	52
MD 017	Toluene Drum	19,729 gals	24	7	52
MD 019	Byproduct Drum	7,840 gals	24	7	52
MD 020	Byproduct Drum	7,840 gals	24	7	52
MD 394	Ethylbenzene Feed Drum	1,500 gals	24	7	52
MD 395	Isobutylene Tank	12,000 gals	24	7	52
GQ 001	Flare System	20.67 MM BTU/hr	24	7	52
HF 303	Dehydro Furnace	7.6 MM BTU/hr	24	7	52
HF 001	Dehydro Furnace	66.0 MM BTU/hr	24	7	52
HF 004	Dehydro Furnace	66.0 MM BTU/hr	24	7	52
HF 005	Dehydro Furnace	47.8 MM BTU/hr	24	7	52
BOILER CAP	Boiler Emissions Cap	NA	24	7	52
HB 507	Boiler	27.1 MM BTU/hr	24	7	52
HB 512	Boiler	157.0 MM BTU/hr	24	7	52
HB 513	Boiler	132.0 MM BTU/hr	24	7	26
TANK CAP	Tank Emissions Cap	NA	24	7	52
MD 074	Polymer Tars Tank	10,000 gals	24	7	52
MF 126	PEB Storage Tank	126,895 gals	24	7	52
MF 206	Polymer Tars and Fuel Oil Tank	88,000 gals	24	7	52
MS 112	Flux Oil Storage Tank	22,298 gals	24	7	52
MV 320	Monomer Storage Tank	23,793 gals	24	7	52
MV 330	Monomer Storage Tank	23,793 gals	24	7	52
MV 332	Aromatic Byproducts Storage Tank	10,575 gals	24	7	52
MV 340	Monomer Storage Tank	56,398 gals	24	7	52
MV 801	Crude Styrene Tank	335,645 gals	24	7	52
MV 802	EB or DIPB or DIPB Recycle or TBS Recycle Tank	587,478 gals	24	7	52
MV 803	TBEB or DiPB or EB Tank	153,332 gals	24	7	52

EMISSION POINT LIST

DELTECH FACILITY
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BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

Emission Point No.	Description	Operating Rate (Max) or Tank Capacity	Operating Schedule H/D	D/W	W/Y
MV 804	Divinyl Benzene Tank	156,857 gals	24	7	52
MV 806	MS or TBS or Styrene or DiPEB Tank	424,453 gals	24	7	52
MV 807	Crude Monomer Tank	587,478 gals	24	7	52
MV 809	MS or Styrene or 93% Styrene Tank	587,478 gals	24	7	52
MV 810	ET Storage Tank	845,600 gals	24	7	52
MV 812	ET Storage Tank	840,000 gals	24	7	52
MV 813	MS Storage Tank	1,697,811 gals	24	7	52
MV 814	MS or Styrene or Toluene Storage Tank	1,697,811 gals	24	7	52
MV 815	Styrene Storage Tank	2,858,000 gals	24	7	52
MV 816	Crude Styrene Tank Vent Scrubber	3,371,000 gals	24	7	52
MV 818	Diethylbenzene Tank	846,000 gals	24	7	52
IFR CAP	Internal Floating Roof Cap	NA	24	7	52
MV 808	Aromatic Lights Storage Tank	108,928 gals	24	7	52
MV 811	Toluene/Benzene Storage Tank	845,968 gals	24	7	52
MV 817	Ethylbenzene Tank	846,000 gals	24	7	52
LOAD CAP	Loading Cap	NA	24	7	52
AS BL	Barge Loading	500 gpm	1050 hours per year		
AS LR	Loading Racks	600 gpm	2600 hours per year		
MS CAP	MS Drums Cap	NA	24	7	52
MD 004N	Crude Alkylate Drum	5,300 gals	24	7	52
MD 005	Crude Monomer Drum	19,830 gals	24	7	52
MD 005A	Vent Scrubber Feed Drum	25,117 gals	24	7	52
MD 005B	Crude Monomer Drum	24,290 gals	24	7	52
MD 006	Crude Alkylate Drum	5,500 gals	24	7	52
MD 006A	Crude Alkylate Drum	5,500 gals	24	7	52
MD 008A	Vent Scrubber Tank	24,304 gals	24	7	52
MD 012	Inhibitor Drum	1,000 gals	24	7	52
MD 013	Inhibitor and MS Drum	5,500 gals	24	7	52
MD 015	Inhibitor and Monomer Drum	1,990 gals	24	7	52
MD 016	Inhibitor and Monomer Drum	1,990 gals	24	7	52
MD 017A	Crude Monomer Drum	19,830 gals	24	7	52
MD 017B	Crude Monomer Drum	24,290 gals	24	7	52
MD 018	Alkylation Feed Drum	26,247 gals	24	7	52
MD 019A	Crude Monomer Drum	19,729 gals	24	7	52
MD 019B	Crude Monomer Drum	19,729 gals	24	7	52
MD 019C	Monomer Drum	19,830 gals	24	7	52
MD 019D	Inhibitor and Monomer Drum	19,729 gals	24	7	52
MD 019E	Monomer Drum	19,830 gals	24	7	52
MD 020A	Crude Monomer Drum	19,729 gals	24	7	52
MD 020B	Crude Monomer Drum	19,729 gals	24	7	52
MD 020C	Monomer Drum	19,830 gals	24	7	52

EMISSION POINT LIST

DELTECH FACILITY
AGENCY INTEREST NO.: 248
DELTECH CORPORATION
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

Emission Point No.	Description	Operating Rate (Max) or Tank Capacity	Operating Schedule H/D	D/W	W/Y
MD 020D	Inhibitor and Monomer Drum	19,729 gals	24	7	52
MD 020E	Monomer Drum	19,830 gals	24	7	52
MD 023	Crude Monomer Drum	10,040 gals	24	7	52
MD 060	Crude Monomer Drum	24,290 gals	24	7	52
MD 075	TBC and Monomer Drum	214 gals	24	7	52
MD 079	TBC and Monomer Drum	214 gals	24	7	52
SCP CAP	SCP Drums Cap	NA	24	7	52
MD 321	Feed Drum	10,116 gals	24	7	52
MD 325	Crude Monomer Drum	10,116 gals	24	7	52
MD 326	Finished Monomer Day Drum	5,499 gals	24	7	52
MD 327	Finished Monomer Day Drum	5,499 gals	24	7	52
MD 340	Crude Monomer Drum	20,464 gals	24	7	52
MD 341	Off-Spec Monomer Drum	10,116 gals	24	7	52
MD 359	Crude Monomer Drum	1,065 gals	24	7	52
MD 360	Crude Monomer Drum	10,116 gals	24	7	52
MD 360A	Monomer Rerun Drum	10,116 gals	24	7	52
MD 361	Monomer Tar Drum	1,963 gals	24	7	52
MD 362	Inhibitor Drum	5,000 gals	24	7	52
MD 363	Crude Alkylate or Crude Monomer Drum	5,345 gals	24	7	52
MD 364	Inhibitor Drum	5,345 gals	24	7	52
MD 366	Crude Alkylate or Crude Monomer Drum	312 gals	24	7	52
WWT	Wastewater Treatment System Emissions	NA	24	7	52
MS 404	Biotreatment Feed Tank	40,000 gals	24	7	52
MS 405	Biotreatment Feed Tank	20,000 gals	24	7	52
MS 406	Biotreatment Feed Tank	40,000 gals	24	7	52
MS 407	Biotreatment Feed Tank	20,000 gals	24	7	52
MS 412	Biotreatment Feed Tank	20,000 gals	24	7	52
MS 413	Biotreatment Feed Tank	20,000 gals	24	7	52

EMISSION POINT LIST

DELTECH FACILITY
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BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

General Condition XVII:

Operation	Frequency
1. Sampling Procedures	1000 samples per month
2. Pump Preparation	150 pumps per year
3. Line Preparation	1 line per working day
4. Vessel Preparation	70 vessels per year
5. Instrumentation Mechanical Work	240 instruments per year
6. Tank Cleaning for Inspection and Service	5 tanks per year
7. Shop Work on Equipment	All year
8. Solids Loading and Unloading	3 times per year
9. Crude Styrene Tank Vent Scrubber (maintenance)	240 hours per year

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

1. Caustic storage tanks
2. Fuel burning heating equipment (< 1 MM Btu/hr)
3. Laboratory equipment/vents
4. Non commercial water washing operations
5. Five diesel fuel storage tanks (< 10,000 gals, VP < 0.5 psia)
6. Portable fuel tanks
7. Catalyst charging operations
8. Storage tanks < 250 gallons (VP <= 3.5 psia)

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 602	Gasoline Drum	UTM zone no. [X] 15 Horizontal coordinate 672573 m E Vertical coordinate 3381550 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	13	0.167 ft	80	13.4	9.6	1969	1,023 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	1,023 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.001	0.001	0.004	3		N/A ppm by vol

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Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
AT 513	Condensate Stripper Vent	UTM zone no. [X] 15 Horizontal coordinate 672321 m E Vertical coordinate 3381466 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	20	0.25 ft	75	3.5	1.2	NA	NA

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	3.5 cfm

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	047	90.0000	1.86	3.57	8.15	4		N/A ppm by vol
Benzene	047	78.0000	0.297	0.481	1.30	4		N/A ppm by vol
Ethylbenzene	047	78.0000	0.037	0.067	0.161	4		N/A ppm by vol
Styrene	047	97.0000	0.10	0.19	0.44	4		N/A ppm by vol
Toluene	047	84.0000	0.30	0.517	1.314	4		N/A ppm by vol
Xylene (mixed isomers)	047	94.0000	0.117	0.215	0.511	4		N/A ppm by vol

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Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
PE 01	MS Vacuum Jet Vent	UTM zone no. [X] 15 Horizontal coordinate 672479 m E Vertical coordinate 3381441 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	102	0.25 ft	60	3	1	NA	NA

Fuel

	Type of fuel used and heat input (see instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	3 cfm

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	047	97.0000	1.858	2.044	8.139	5	C	N/A ppm by vol
Benzene	047	85.0000	0.524	0.576	2.293	5	C	N/A ppm by vol
Cumene	047	98.0000	0.001	0.001	0.004	5	C	N/A ppm by vol
Ethylbenzene	047	98.0000	0.032	0.036	0.142	5	C	N/A ppm by vol
Styrene	047	98.0000	0.061	0.067	0.265	5	C	N/A ppm by vol
Toluene	047	85.0000	0.40	0.44	1.754	5	C	N/A ppm by vol
Xylene (mixed isomers)	047	98.0000	0.08	0.09	0.341	5	C	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
XB 101	Alkylation Furnace	UTM zone no. [X] 15 Horizontal coordinate 672354 m E; Vertical coordinate 3381390 N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	91.5	2.5 ft	1,300	4,205	9.9	NA	NA

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	Natural Gas	7.6
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	4625 cfm

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Particular matter	000	0.0000	0.06	0.07	0.28	3		N/A gr/std ft 3
Sulfur dioxide	000	0.0000	< 0.001	0.001	0.02	3		N/A ppm by vol
Nitrogen oxides	000	0.0000	0.83	0.91	3.65	3		N/A ppm by vol
Carbon monoxide	000	0.0000	0.70	0.77	3.07	3		N/A ppm by vol
Total VOC	000	0.0000	0.05	0.05	0.20	3		N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
XD 101A/B	Reactor Effluent Separator	UTM zone no. [X] 15 Horizontal coordinate 672354 m E Vertical coordinate 3381390 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	91.5	2.5 ft	1,300	4,205	9.9	NA	NA

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	4625 cfm

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Carbon monoxide	000	0.0000	1.256	1.381	5.50	4		N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
PE 005	Vacuum System (AT 010) Vent	UTM zone no. [X] 15 Horizontal coordinate 672425 m E Vertical coordinate 3381465 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	100	0.15 ft	100	2	245	NA	NA

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	375 cfm

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.667	0.734	2.92	5		N/A ppm by vol
Benzene	000	0.0000	0.137	0.151	0.60	5		N/A ppm by vol
Ethylbenzene	000	0.0000	0.002	0.003	0.01	5		N/A ppm by vol
Styrene	000	0.0000	0.002	0.003	0.01	5		N/A ppm by vol
Toluene	000	0.0000	0.183	0.201	0.80	5		N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	0.046	0.05	0.20	5		N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
E HTWLL	East Hotwell Vent	UTM zone no. [X] 15 Horizontal coordinate 672481 m E Vertical coordinate 3381466 m N

Stack and Discharge Physical Characteristics [Change __yes x no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	12	0.167 ft	78	< 0.175	< 1	NA	412 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	412 Gallons
B											
c											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	073	70.0000	< 0.001	0.001	0.001	4		N/A ppm by vol
Benzene	073	70.0000	< 0.001	< 0.001	< 0.001	4		N/A ppm by vol
Ethylbenzene	073	70.0000	<0.001	< 0.001	< 0.001	4		N/A ppm by vol
Styrene	073	70.0000	< 0.001	< 0.001	< 0.001	4		N/A ppm by vol
Toluene	073	70.0000	< 0.001	< 0.001	< 0.001	4		N/A ppm by vol
Xylene (mixed isomers)	073	70.0000	< 0.001	< 0.001	< 0.001	4		N/A ppm by vol

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
W HTWLL	West Hotwell Vent	UTM zone no. [X] 15 Horizontal coordinate 672425 m E; Vertical coordinate 3381440 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	15	0.167 ft	78	< 0.175	< 1	NA	412 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	412 Gallons
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	073	70.0000	< 0.001	0.001	0.001	4		N/A ppm by vol
Benzene	073	70.0000	< 0.001	< 0.001	< 0.001	4		N/A ppm by vol
Ethylbenzene	073	70.0000	<0.001	< 0.001	< 0.001	4		N/A ppm by vol
Styrene	073	70.0000	< 0.001	< 0.001	< 0.001	4		N/A ppm by vol
Toluene	073	70.0000	< 0.001	< 0.001	< 0.001	4		N/A ppm by vol
Xylene (mixed isomers)	073	70.0000	< 0.001	< 0.001	< 0.001	4		N/A ppm by vol

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
PE 301	Vacuum System Vent	UTM zone no. [X] 15 Horizontal coordinate 672311 m E Vertical coordinate 3381435 N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	100	.25 ft	200	8.5	1.6	NA	NA

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	210 cfm

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.11	0.12	0.465	4		N/A ppm by vol
Benzene	000	0.0000	0.10	0.11	0.448	4		N/A ppm by vol
Ethylbenzene	000	0.0000	< 0.001	< 0.001	0.001	4		N/A ppm by vol
Styrene	000	0.0000	< 0.001	0.001	0.002	4		N/A ppm by vol
Toluene	000	0.0000	0.002	0.002	0.009	4		N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	0.001	0.001	0.003	4		N/A ppm by vol

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Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
PE 302	Vacuum System Vent	UTM zone no. [X] 15 Horizontal coordinate 672297 m E; Vertical coordinate 3381438 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	100	.25 ft	200	4.0	1.4	NA	NA

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	53 cfm

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	< 0.001	0.001	0.002	4		N/A ppm by vol

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Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
SCP HTWLL	SPC Hotwell Vent	UTM zone no. [X] 15 Horizontal coordinate 672316 m E Vertical coordinate 3381457 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	100	0.167 ft	78	0.37	< 1	NA	NA

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	< 1 cfm

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	< 0.001	< 0.001	0.004	4		N/A ppm by vol
Benzene	000	0.0000	< 0.001	< 0.001	0.001	4		N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
ASF	Fugitives Valves and Flanges	UTM zone no. [X] 15 Horizontal coordinate 0 m E Vertical coordinate 0 N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	NA	NA

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat input (MM BTU/hr)
A	NA	NA
B		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	NA

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.08	0.08	0.34	5	C	N/A ppm by vol
Benzene	000	0.0000	0.002	0.002	0.007	5	C	N/A ppm by vol
Ethylbenzene	000	0.0000	0.007	0.007	0.031	5	C	N/A ppm by vol
Styrene	000	0.0000	0.014	0.014	0.061	5	C	N/A ppm by vol
Toluene	000	0.0000	0.035	0.035	0.153	5	C	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	0.009	0.009	0.039	5	C	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
COOL TWR	Cooling Tower	UTM zone no. [X] 15 Horizontal coordinate 672225 m E Vertical coordinate 3381446 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	*	18ft	85	229,000	15	NA	NA

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	24,000 gal/min

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Particulate matter	000	0.0000	9.61	10.57	42.09	4		N/A gr/std ft 3

* 6 fans at 44 feet and 2 fans at 50 feet.

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Deltech Corporation	Baton Rouge, Louisiana	September 2004

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 008N	Recycle Alkylate Drum	UTM zone no. [X] 15 Horizontal coordinate 672412 m E Vertical coordinate 3381458m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	1953	5,000 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
	25%	25%	25%	25%	24	7	52	5,000 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	3		NA ppm by vol
Benzene	000	0.0000	0.00	0.00	0.00	3	A	NA ppm by vol
Styrene	000	0.0000	0.00	0.00	0.00	3	A	NA ppm by vol
Etylbenzene	000	0.0000	0.00	0.00	0.00	3	A	NA ppm by vol

Note: Source vents to flare

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	September 2004

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 011A	Byproduct Drum	UTM zone no. [X] 15 Horizontal coordinate 672413 m E Vertical coordinate 3381381 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	1953	1,990 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	1,990 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	3		NA ppm by vol
Benzene	000	0.0000	0.00	0.00	0.00	3	A	NA ppm by vol
Cumene	000	0.0000	0.00	0.00	0.00	3	A	NA ppm by vol
Ethylbenzene	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol
Styrene	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol
Toluene	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol

Note : This source vents to flare.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	September 2004

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 014	Recycle Alkylate Drum	UTM zone no. [X] 15 Horizontal coordinate 672437 m E Vertical coordinate 3381388 m N

Stack and Discharge Physical Characteristics [Change __yes x no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	1953	5,500 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	5,550 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	3		NA ppm by vol
Benzene	000	0.0000	0.00	0.00	0.00	3	A	NA ppm by vol
Cumene	000	0.0000	0.00	0.00	0.00	3	A	NA ppm by vol
Ethylbenzene	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol
Styrene	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol
Toluene	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol

Note: Source vents to flare.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	September 2004

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 017	Toluene Drum	UTM zone no. [X] 15 Horizontal coordinate 672447 m E Vertical coordinate 3381394m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	3	0.166 ft	75	1	1	1953	19,729 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	19,729 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	3		NA ppm by vol
Benzene	000	0.0000	0.00	0.00	0.00	3	A	NA ppm by vol
Toluene	000	0.0000	0.00	0.00	0.00	3	A	NA ppm by vol

Note: This source vents to flare.

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Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD-019	Byproduct Drum	UTM zone no. [X] 15 Horizontal coordinate 672472 m E Vertical coordinate 3381404 N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA		7,840 gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	7,840 gallons

0Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol
Benzene	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol
Toluene	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol
Styrene	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol

Note: This source vents to flare.

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Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD-020	Byproduct Drum	UTM zone no. [X] 15 Horizontal coordinate 672479 m E Vertical coordinate 3381404 N

Stack and Discharge Physical Characteristics (Change __yes X no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA		7,840 gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	7,840 gallons

0Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol
Benzene	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol
Toluene	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol
Styrene	000	0.0000	0.00	0.00	0.00	3	A	N/A ppm by vol

Note: This source vents to flare.

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Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 394	Ethylbenzene Feed Drum	UTM zone no. [X] 15 Horizontal coordinate 672503 m E Vertical coordinate 3381250 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	2003	1,500 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	1,500 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	3		NA ppm by vol
Ethylbenzene	000	0.0000	0.00	0.00	0.00	3		NA ppm by vol

Note: Source vents to flare.

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 395	Isobutylene Tank	UTM zone no. [X] 15 Horizontal coordinate 672503 m E Vertical coordinate 3381250 m N

Stack and Discharge Physical Characteristics [Change _yes x no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	2003	12,000 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	12,000 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	3		N/A ppm by vol

Note: Source vents to flare.

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Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
GQ 001	Flare System	UTM zone no. [X] 15 Horizontal coordinate 672173 m E Vertical coordinate 3381362 mN

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	60	0.667 ft	1,300	293	14	NA	NA

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	Natural gas	20.67
B		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	20.67 MMBtu/hr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Particulate matter	000	0.0000	0.17	0.19	0.75	3		N/A ppm by vol
Sulfur dioxide	000	0.0000	0.01	0.02	0.06	3		N/A ppm by vol
Nitrogen oxides	000	0.0000	2.25	2.48	9.86	3		N/A ppm by vol
Carbon monoxide	000	0.0000	1.89	2.08	8.28	3		N/A ppm by vol
Total VOC	000	0.0000	0.46	0.51	2.03	4	C	N/A ppm by vol
Benzene	000	0.0000	0.13	0.14	0.56	4		N/A ppm by vol
Ethylbenzene	000	0.0000	0.02	0.02	0.10	4		N/A ppm by vol
Styrene	000	0.0000	0.03	0.03	0.12	4		N/A ppm by vol
Toluene	000	0.0000	0.04	0.05	0.20	4		N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	0.02	0.02	0.10	4		N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
HF 303	Dehydro Furnace	UTM zone no. [X] 15 Horizontal coordinate 672298 m E Vertical coordinate 3381395 mN

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	31.7	2.33 ft	1,500	3,846	20.2	NA	NA

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	Natural gas	7.6
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	7.6

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Particulate matter	000	0.0000	0.06	0.07	0.27	3		N/A ppm by vol
Sulfur dioxide	000	0.0000	< 0.001	0.001	0.02	3		N/A ppm by vol
Nitrogen oxides	000	0.0000	0.80	0.88	3.50	1		N/A ppm by vol
Carbon monoxide	000	0.0000	0.67	0.74	2.94	3		N/A ppm by vol
Total VOC	000	0.0000	0.04	0.04	0.19	3		N/A ppm by vol

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Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
HF 001	Dehydro Furnace	UTM zone no. [X] 15 Horizontal coordinate 672370 mE Vertical coordinate 3381415 mN

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	51.4	4 ft	1,600	1172	16	NA	NA

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	Natural Gas	33
B	Reactor Offgas	33
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	66.0 MMBTu/hr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Particulate matter	000	0.0000	0.27	0.30	1.20	3		N/A ppm by vol
Sulfur dioxide	000	0.0000	0.02	0.02	0.09	3		N/A ppm by vol
Nitrogen oxides	000	0.0000	3.60	3.96	15.77	3		N/A ppm by vol
Carbon monoxide	000	0.0000	3.02	3.33	13.25	3		N/A ppm by vol
Total VOC	000	99.9000	0.20	0.22	0.87	3	C	N/A ppm by vol
Benzene	000	0.0000	0.00	0.00	0.00	3	D	N/A ppm by vol
Styrene	000	0.0000	0.00	0.00	0.00	3	D	N/A ppm by vol
Toluene	000	0.0000	0.00	0.00	0.00	3	D	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	0.00	0.00	0.00	3	D	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
HF 004	Dehydro Furnace	UTM zone no. [X] 15 Horizontal coordinate 672330 m E Vertical coordinate 3381405 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	51.4	4 ft	1,600	1,172	16	NA	NA

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	Natural Gas	33
B	Reactor Offgas	33
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	66.0 MMBtu/hr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Particulate matter	000	0.0000	0.27	0.30	1.20	3		N/A gr/std ft *3
Sulfur dioxide	000	0.0000	0.02	0.02	0.09	3		N/A ppm by vol
Nitrogen oxides	000	0.0000	1.80	1.98	7.88	3	C	N/A ppm by vol
Carbon monoxide	000	0.0000	3.02	3.33	13.25	3		N/A ppm by vol
Total VOC	021	99.9000	0.20	0.22	0.87	3	C	N/A ppm by vol
Benzene	021	99.9000	0.012	0.013	0.051	4	C	N/A ppm by vol
Ethylbenzene	021	99.9000	0.002	0.002	0.009	4	A	N/A ppm by vol
Ethylene	021	99.9000	0.004	0.005	0.018	4	A	N/A ppm by vol
Styrene	021	99.9000	0.003	0.004	0.012	4	C	N/A ppm by vol
Toluene	021	99.9000	0.004	0.005	0.016	4	C	N/A ppm by vol
Xylene (mixed isomers)	021	99.9000	0.002	0.002	0.009	4	C	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
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Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
HF 005	Dehydro Furnace	UTM zone no. [X] 15 Horizontal coordinate 672343 m E Vertical coordinate 3381408 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	51.4	4 ft	1,600	1,172	16	NA	NA

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	Natural Gas	29.1
B	Reactor off gas	18.7
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	47.8 MMBtu/hr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Particulate matter	000	0.0000	0.31	0.34	1.36	3		N/A ppm by vol
Sulfur dioxide	000	0.0000	0.01	0.01	0.04	3		N/A ppm by vol
Nitrogen oxides	000	0.0000	1.82	2.00	7.96	3		N/A ppm by vol
Carbon monoxide	000	0.0000	1.46	1.60	6.39	3		N/A ppm by vol
Total VOC	021	99.9000	0.32	0.348	1.40	3		N/A ppm by vol
Benzene	021	99.9000	0.014	0.016	0.006	3		N/A ppm by vol
Cumene	021	99.9000	0.005	0.006	0.02	3		N/A ppm by vol
Ethylbenzene	021	99.9000	0.003	0.003	0.01	3		N/A ppm by vol
Styrene	021	99.9000	0.002	0.002	0.01	3		N/A ppm by vol
Toluene	021	99.9000	0.01	0.011	0.04	3		N/A ppm by vol

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Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
BOILER CAP	Boiler Emissions Cap	UTM zone no. [X] 15 Horizontal coordinate 0 E Vertical coordinate 0N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	NA	NA

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	Natural Gas	(1)		25%	25%	25%	25%	24	7	52	157 MMBtu/hr
B	HC Liquids	(1)									
c	Fuel Oil	(1)									

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Particulate Matter	000	0.0000	*2.84	*	*12.46	3		N/A ppm by vol
Sulfur Dioxide	000	0.0000	*10.96	*	*48.0	3		N/A ppm by vol
Nitrogen Oxides	000	0.0000	*26.39	*	*115.60	3	C	N/A ppm by vol
Carbon Monoxide	000	0.0000	*22.42	*	*98.19	3		N/A ppm by vol
Total VOC	000	0.0000	*1.40	*	*6.15	3	C	N/A ppm by vol
Benzene	021	99.9	*<0.001	*	*<0.001	4		N/A ppm by vol
Ethylene	021	99.9	*0.144	*	*0.63	4	A	N/A ppm by vol
Formaldehyde	000	0.0000	*0.018	*	*0.08	3		N/A ppm by vol
Toluene	021	99.9	*<0.001	*	*<0.001	4		N/A ppm by vol

* These are total emissions from boilers Source ID Nos. HB-507, HB-512 and HB- 513.

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Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
HB 507	30 M lb/hr Boiler	UTM zone no. [X] 15 Horizontal coordinate 672306 m E Vertical coordinate 3381543 mN

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	40	5.5 ft	450	13,320	13	NA	NA

Fuel

	Type of fuel used and heat input (see instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	Natural Gas	24		25%	25%	25%	25%	24	7	52	27.1 MMBtu/hr
B	H C Liquids	3.1									
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Particulate Matter	000	0.0000	*	*0.39	*	3		N/A ppm by vol
Sulfur Dioxide	000	0.0000	*	*4.28	*	3		N/A ppm by vol
Nitrogen Oxides	000	0.0000	*	*3.31	*	3	C	N/A ppm by vol
Carbon Monoxide	000	0.0000	*	*2.66	*	3		N/A ppm by vol
Total VOC	000	0.0000	*	*0.35	*	3	C	N/A ppm by vol
Benzene	021	99.9	*	*<0.001	*	4	A	N/A ppm by vol
Ethylbenzene	021	99.9	*	*<0.001	*	4	A	N/A ppm by vol
Formaldehyde	000	0.0000	*	*0.003	*	3		N/A ppm by vol
Toluene	021	99.9	*	*0.158	*	4	A	N/A ppm by vol

* This source is part of Boiler Emissions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
HB 512	170 M lb/hr Boiler	UTM zone no. [X] 15 Horizontal coordinate 672293 m E Vertical coordinate 3381561 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	140	5.5 ft	225	56,800	37	NA	NA

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	Natural gas	(1)		25%	25%	25%	25%	24	7	52	157 MMBtu/hr
B	Hydrocarbon liquids	(1)									
c	Fuel Oil	(1)									

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Particulate matter	000	0.0000	*	*2.10	*	3		N/A ppm by vol
Sulfur dioxide	000	0.0000	*	*22.61	*	3		N/A ppm by vol
Nitrogen oxides	000	0.0000	*	*17.22	*	1		N/A ppm by vol
Carbon monoxide	000	0.0000	*	*15.12	*	3		N/A ppm by vol
Total VOC	000	0.0000	*	*1.07	*	3	C	N/A ppm by vol
Benzene	021	99.9	*	*<0.001	*	4	A	N/A ppm by vol
Ethylbenzne	021	99.9	*	*<0.001	*	4	A	N/A ppm by vol
Formaldehyde	000	0.0000	*	*0.04	*	3		N/A ppm by vol
Toluene	021	99.9	*	*0.158	*	4	A	N/A ppm by vol

* This source is part of the Boiler Emissions Cap.
1. Total heat input is 157 MMBtu/hr

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
HB 513	170 M lb/hr Boiler	UTM zone no. [X] 15 Horizontal coordinate 672290 m E Vertical coordinate 3381573 mN

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	40	5.5 ft	225	56,800	37	NA	NA

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	Natural gas	132
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	26	132 MMBtu/hr

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Particulate matter	000	0.0000	*	*1.09	*	3		N/A ppm by vol
Sulfur dioxide	000	0.0000	*	*0.09	*	3		N/A ppm by vol
Nitrogen oxides	000	0.0000	*	*14.44	*	1	C	N/A ppm by vol
Carbon monoxide	000	0.0000	*	*12.01	*	3		N/A ppm by vol
Total VOC	000	0.0000	*	*1.05	*	3	C	N/A ppm by vol
Benzene	021	99.9	*	*<0.001	*	4	A	N/A ppm by vol
Ethylene	021	99.9	*	*0.158	*	4	A	N/A ppm by vol
Formaldehyde	000	0.0000	*	*0.01	*	3		N/A ppm by vol
Toluene	021	99.9	*	*<0.001	*	4	A	N/A ppm by vol

0.☐ This source is part of the Boiler Emissions Cap.

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
TANK CAP	Tank Emissions Cap	UTM zone no. [X] 15 Horizontal coordinate 0 m E Vertical coordinate 0 N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	*	*	*	NA	NA	NA	*

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	*
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*3.55	*	*15.58	3	C	N/A ppm by vol
Benzene	000	0.0000	*0.143	*	*0.627	3		N/A ppm by vol
Cumene	000	0.0000	*0.036	*	*0.160	3		N/A ppm by vol
Ethylbenzene	000	0.0000	*0.896	*	*3.928	3		N/A ppm by vol
Styrene	000	0.0000	*0.597	*	*2.618	3		N/A ppm by vol
Toluene	000	0.0000	*0.944	*	*4.135	3		N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*0.044	*	*0.193	3		N/A ppm by vol

* Includes the following Point Sources: MF 206, MD 074, MV 801, MV 802, MV 803, MV 804, MV 806, MV 807, MV 809, MV 810, MV 812, MV 813, MV 814, MV 815, MV 816, MV 818, MS 112, MF 126, MV 320, MV 330, MV 340, MV 332.

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 074	Polymer Tars Tank	UTM zone no. [X] 15 Horizontal coordinate 672499m E Vertical coordinate 3381484 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	18	0.67 ft	135	NA	NA	1978	10,000 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	10,000 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	* 0.01	*	3		N/A ppm by vol

* This source is part of the Tank Emission Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MF 126	PEB Storage Tank	UTM zone no. [X] 15 Horizontal coordinate 672374 m E Vertical coordinate 3381470 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	40	0.25 ft	90	1.34	< 1	1969	126,895 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	126,895 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.02	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.003	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol
Styrene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.001	*	3		N/A ppm by vol

* This source is part of the Tank Emmisions Cap.

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for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MF 206	Polymer Tars and Fuel Oil Tank*	UTM zone no. [X] 15 Horizontal coordinate 672494 m E Vertical coordinate 3381484 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	24	0.30 ft	90	NA	NA	1969	88,000 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	88,000 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	**	** 0.04	**	3	C	N/A ppm by vol

* Fuel oil will be stored with a throughput of 3.2 MMgal/yr.
** This source is part of the Tank Emission Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MS 112	Flux Oil Storage Tank	UTM zone no. [X] 15 Horizontal coordinate 672384 m E Vertical coordinate 3381507 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	21	0.17 ft	77	0.028	0.020	1965	22,298 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	22,298 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

* This source is part of the Tank Emmisions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 320	Monomer Storage Tank	UTM zone no. [X] 15 Horizontal coordinate 672.52 m E Vertical coordinate 3381334 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	18	0.17 ft	55	1	1	1963	23,793 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	23,793 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

* This source is part of the Tank Emmisions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 330	Monomer Storage Tank	UTM zone no. [X] 15 Horizontal coordinate 672355 m E Vertical coordinate 3381347 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	18	0.17 ft	55	< 1	1	1963	23,793 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	23,793 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

* This source is part of the Tank Emmisions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 332	Aromatic Byproducts Storage Tank	UTM zone no. [X] 15 Horizontal coordinate 672334 m E Vertical coordinate 3381331 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	10	0.17 ft	77	1	2.4	1963	10,575 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	10,575 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.02	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.005	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.004	*	3		N/A ppm by vol
Styrene	000	0.0000	*	*0.002	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.003	*	3	C	N/A ppm by vol
Xylyene	000	0.0000	*	*0.002	*	3	C	N/A ppm by vol

* This source is part of the Tank Emissions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 340	Monomer Storage Tank	UTM zone no. [X] 15 Horizontal coordinate 672334 m E Vertical coordinate 3381328 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	24	0.5 ft	55	< 1	1	1970	56,398 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	56,398 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

* This source is part of the Tank Emmisions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 801	Crude Styrene Tank	UTM zone no. [X] 15 Horizontal coordinate 672366 m E Vertical coordinate 3381301 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	40	0.33 ft	77	20.1	3.9	1964	335,645 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	335,645 Gallons
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	* 0.14	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	* 0.02	*	3		N/A ppm by vol
Ethylbenzene	000	0.0000	*	* 0.04	*	3		N/A ppm by vol
Styrene	000	0.0000	*	* 0.03	*	3		N/A ppm by vol
Toluene	000	0.0000	*	* 0.01	*	3		N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	* 0.002	*	3		N/A ppm by vol

* This source is part of the Tank Emission Cap

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 802	EB or DIPB or DIPB Recycle or TBS Recycle Tank	UTM zone no. [X] 15 Horizontal coordinate 672393 m E Vertical coordinate 3381313 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	30	0.05 ft	77	15.6	1.3	1954	587,478 Gallons

Fuel

Type of fuel used and heat input (see Instructions)	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	587,478 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.53	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.02	*	3		N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.44	*	3		N/A ppm by vol
Styrene	000	0.0000	*	*0.03	*	3		N/A ppm by vol
Toluene	000	0.0000	*	*0.01	*	3		N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.02	*	3		N/A ppm by vol

* This source is part of the Tank Emissions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 803	TBEB or DiPB or EB Tank	UTM zone no. [X] 15 Horizontal coordinate 672416 m E Vertical coordinate 3381320 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	30	0.33 ft	77	5.6	1.1	1954	153,332 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	153,332 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.53	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.02	*	3		N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.44	*	3		N/A ppm by vol
Styrene	000	0.0000	*	*0.03	*	3		N/A ppm by vol
Toluene	000	0.0000	*	*0.01	*	3		N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.02	*	3		N/A ppm by vol

* This source is part of the Tank Emmisions Cap.

Department of Environmental Quality
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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 804	Divinyl Benzene Tank	UTM zone no. [X] 15 Horizontal coordinate 672456 m E Vertical coordinate 3381330 m N

Stack and Discharge Physical Characteristics [Change _yes x no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	30	0.17 ft	55	0.15	0.1	1953	156,857 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	156,857 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.52	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.02	*	3		N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.44	*	3		N/A ppm by vol
Styrene	000	0.0000	*	*0.03	*	3		N/A ppm by vol
Toluene	000	0.0000	*	*0.01	*	3		N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.02	*	3		N/A ppm by vol

* This source is part of the Tank Emmisions Cap.

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 806	MS or TBS or Styrene or DiPEB Tank	UTM zone no. [X] 15 Horizontal coordinate 672504 m E Vertical coordinate 3381343 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	40	0.5 ft	55	5.57	0.47	1955	424,453 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	424,453 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	047	65.0000	*	*0.21	*	3	C	N/A ppm by vol
Benzene	047	65.0000	*	*0.02	*	3		N/A ppm by vol
Cumene	047	65.0000	*	*0.001	*	3		N/A ppm by vol
Ethylbenzene	047	65.0000	*	*0.04	*	3		N/A ppm by vol
Styrene	047	65.0000	*	*0.13	*	3		N/A ppm by vol
Toluene	047	65.0000	*	*0.01	*	3		N/A ppm by vol
Xylene (mixed isomers)	047	65.0000	*	*0.01	*	3		N/A ppm by vol

*This source is part of the Tank Emissions Cap.

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 807	Crude Monomer Tank	UTM zone no. [X] 15 Horizontal coordinate 672321 m E Vertical coordinate 3381278 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	40	0.83 ft	77	18.9	0.58	1957	587,478 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	587,478 Gallons
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.23	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.02	*	3		N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.04	*	3		N/A ppm by vol
Styrene	000	0.0000	*	*0.03	*	3		N/A ppm by vol
Toluene	000	0.0000	*	*0.021	*	3		N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.005	*	3		N/A ppm by vol

* This source is part of the Tank Emmisions Cap

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 809	MS or Styrene or 93% Styrene Tank	UTM zone no. [X] 15 Horizontal coordinate 672491 m E Vertical coordinate 3381303 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	40	0.5 ft	55	5.12	0.4	1959	587,478 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	587,478 Gallons
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	047	65.0000	*	*0.24	*	3	C	N/A ppm by vol
Benzene	047	65.0000	*	*0.02	*	3		N/A ppm by vol
Cumene	047	65.0000	*	*0.001	*	3		N/A ppm by vol
Ethylbenzene	047	65.0000	*	*0.04	*	3		N/A ppm by vol
Styrene	047	65.0000	*	*0.13	*	3		N/A ppm by vol
Toluene	047	65.0000	*	*0.01	*	3		N/A ppm by vol
Xylene (mixed isomers)	047	65.0000	*	*0.01	*	3		N/A ppm by vol

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 810	ET Storage Tank	UTM zone no. [X] 15 Horizontal coordinate 672279 m E Vertical coordinate 3381275 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	42	0.67 ft	77	18.9	0.9*	1960	845,600 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	845,600 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
Total VOC	000	0.0000	*	*2.00	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.02	*	3		N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.88	*	3	C	N/A ppm by vol
Styrene	000	0.0000	*	*0.02	*	3		N/A ppm by vol
Toluene	000	0.0000	*	*0.01	*	3		N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.01	*	3		N/A ppm by vol

* This source is part of the Tank Emmisions Cap.

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 812	ET Storage Tank	UTM zone no. [X] 15 Horizontal coordinate 672352 m E Vertical coordinate 3381204 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	40	0.67 ft	77	18.9	0.9	1969	840,000 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	840,000 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	051	65.0000	*	*0.00	*	3		N/A ppm by vol
Ethylbenzene	051	65.0000	*	*0.00	*	3		N/A ppm by vol

* This source is part of the Tank Emmisions Cap.
MV 812 vents through MV 816 (vent scrubber)

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 813	MS Storage Tank	UTM zone no. [X] 15 Horizontal coordinate 6725542 m E Vertical coordinate 3381276 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	40	0.67 ft	55	186.9	8.9	1969	1,697,811 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	1,697,810 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	047	65.0000	*	*1.35	*	3	C	N/A ppm by vol
Benzene	047	65.0000	*	*0.02	*	3		N/A ppm by vol
Cumene	047	65.0000	*	*0.001	*	3		N/A ppm by vol
Ethylbenzene	047	65.0000	*	*0.04	*	3		N/A ppm by vol
Styrene	047	65.0000	*	*0.26	*	3	C	N/A ppm by vol
Toluene	047	65.0000	*	*0.99	*	3	C	N/A ppm by vol
Xylene (mixed isomers)	047	65.0000	*	*0.001	*	3		N/A ppm by vol

* This source is part of the Tank Emmisions Cap.

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 814	MS or Styrene or Toluene Storage Tank	UTM zone no. [X] 15 Horizontal coordinate 672495 m E Vertical coordinate 3381263 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	40	0.67 ft	55	28.7	1.4	1969	1,697,811 Gallons

Fuel

Type of fuel used and heat input (see Instructions)	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	1,697,811 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	047	65.0000	*	*1.25	*	3		N/A ppm by vol
Cumene	047	65.0000	*	*0.001	*	3		N/A ppm by vol
Ethylbenzene	047	65.0000	*	*<0.001	*	3		N/A ppm by vol
Styrene	047	65.0000	*	*0.26	*	3	C	N/A ppm by vol
Toluene	047	65.0000	*	*0.99	*	3	C	N/A ppm by vol
Xylene (mixed isomers)	047	65.0000	*	*0.004	*	3		N/A ppm by vol

* This source is part of the Tank Emmisions Cap.

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 815	Styrene Storage Tank	UTM zone no. [X] 15 Horizontal coordinate 672450m E Vertical coordinate 3381246 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	40	1 ft	55	21	1.47	1972	2,858,000 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	2,858,000 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	047	65.0000	*	*0.15	*	3	C	N/A ppm by vol
Styrene	047	65.0000	*	*0.15	*	3	C	N/A ppm by vol

* This source is part of the Tank Emmisions Cap.

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SINGLE POINT/AREA/VOLUME SOURCE Emission Inventory Questionnaire (EIQ) for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 816	Crude Styrene Tank Vent Scrubber	UTM zone no. [X] 15 Horizontal coordinate 672367 m E Vertical coordinate 3381224 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	40	2 ft	NA	NA	NA	1973	3,371,000 Gallons

Fuel

	Type of fuel used and heat input (see instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	3,371,000 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	051	65.0000	*	*0.34	*	3	C	N/A ppm by vol
Benzene	051	65.0000	*	*0.007	*	3		N/A ppm by vol
Cumene	051	65.0000	*	*0.003	*	3	C	N/A ppm by vol
Ethylbenzene	051	65.0000	*	*0.06	*	3	C	N/A ppm by vol
Styrene	051	65.0000	*	*0.21	*	3	C	N/A ppm by vol
Toluene	051	65.0000	*	*0.001	*	3	C	N/A ppm by vol
Xylene (mixed isomers)	051	65.0000	*	*0.04	*	3	C	N/A ppm by vol

* This source is part of the Tank Emmisions Cap.

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SINGLE POINT/AREA/VOLUME SOURCE
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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	October 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 818	Diethylbenzene Tank	UTM zone no. [X] 15 Horizontal coordinate 67435 m E Vertical coordinate 3381474m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	42	0.67	Ambient	18.9		12/2005	846,000 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	NA
B											
c											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.34	*	3	C	NA ppm by vol

* This source is part of the Tank Emmisions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
IFR CAP	Internal Floating Roof Cap	UTM zone no. [X] 15 Horizontal coordinate m E Vertical coordinate N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	NA	NA

Fuel

	Type of fuel used and heat input (see instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	NA

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*0.261	*	*1.15	3	A	N/A ppm by vol
Benzene	000	0.0000	*0.130	*	*0.575	3	A	N/A ppm by vol
Cumene	000	0.0000	*0.001	*	*0.001	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*0.029	*	*0.127	3	A	N/A ppm by vol
Styrene	000	0.0000	*0.008	*	*0.035	3	A	N/A ppm by vol
Toluene	000	0.0000	*0.045	*	*0.19	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*0.008	*	*0.035	3	A	N/A ppm by vol

*The IFR Cap includes sources MV 808, MV 811, amd MV817.

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 808	Aromatic Lights Storage Tank	UTM zone no. [X] 15 Horizontal coordinate 672438 m E Vertical coordinate 3381296 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	28	0.5 ft	77	1.34	0.11	1957	108,928 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	108,928 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC (incl. those below)	000	0.0000	*	0.14	*	3	C	N/A ppm by vol
Total VOC (excl. those below)	000	0.0000	*	0.00	*	3	D	N/A ppm by vol
Benzene	000	0.0000	*	0.100	*	3	C	N/A ppm by vol
Cumene	000	0.0000	*	0.001	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	0.021	*	3	C	N/A ppm by vol
Styrene	000	0.0000	*	0.009	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	0.040	*	3	C	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	0.009	*	3	C	N/A ppm by vol

*This source is part of the IFR Emissions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 811	Toluene/Benzene Storage Tank	UTM zone no. [X] 15 Horizontal coordinate 672255 m E Vertical coordinate 3381268 m N

Stack and Discharge Physical Characteristics [Change __yes x no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	40	0.67 ft	40	7.9	0.37	1962	845,968 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	845,968 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	047	65.0000	*	0.14	*	3	C	N/A ppm by vol
Benzene	047	95.0000	*	0.100	*	3	C	N/A ppm by vol
Cumene	047	65.0000	*	0.001	*	3	A	N/A ppm by vol
Ethylbenzene	047	65.0000	*	0.021	*	3	A	N/A ppm by vol
Styrene	047	65.0000	*	0.009	*	3	A	N/A ppm by vol
Toluene	047	65.0000	*	0.040	*	3	C	N/A ppm by vol
Xylene (mixed isomers)	047	65.0000	*	0.009	*	3	A	N/A ppm by vol

*This source is part of the IFR Emissions Cap.

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Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MV 817	Ethylbenzene Tank	UTM zone no. [X] 15 Horizontal coordinate 672423 m E Vertical coordinate 3381476 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	Ambient	NA	NA	12/2005	846,000 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
		Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
	A	NA	NA		25%	25%	25%	25%	24	7	52	NA
	B											
	c											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	0.14	*	3	C	NA ppm by vol
Benzene	000	0.0000	*	0.100	*	3	A	NA ppm by vol
Cumene	000	0.0000	*	0.001	*	3	A	NA ppm by vol
Ethylbenzene	000	0.0000	*	0.021	*	3	C	NA ppm by vol
Styrene	000	0.0000	*	0.009	*	3	A	NA ppm by vol
Toluene	000	0.0000	*	0.040	*	3	A	NA ppm by vol
Xylene (mixed isomers)	000	0.0000	*	0.009	*	3	A	NA ppm by vol

*This source is part of the IFR Emissions Cap.

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LOUISIANA

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for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
LOAD CAP	Loading Cap	UTM zone no. [X] 15 Horizontal coordinate 672479 m E Vertical coordinate 3381404 N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	NA	NA

Fuel

	Type of fuel used and heat input (see instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	NA

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*0.58	*	*2.55	3	A	N/A ppm by vol
Benzene	000	0.0000	*0.124	*	*0.544	3	A	N/A ppm by vol
Cumene	000	0.0000	*<0.001	*	*0.001	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*0.008	*	*0.037	3	A	N/A ppm by vol
Styrene	000	0.0000	*0.219	*	*0.959	3	A	N/A ppm by vol
Toluene	000	0.0000	*0.161	*	*0.703	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*0.041	*	*0.180	3	A	N/A ppm by vol

*The Loading Cap includes sources ASBL and ASLR.

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Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
AS BL	Barge Loading	UTM zone no. [X] 15 Horizontal coordinate 671478m E Vertical coordinate 3381154 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	NA	NA

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	21	1	50	500 gpm

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*5.19	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.61	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.31	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*1.34	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.92	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*1.38	*	3	A	N/A ppm by vol

*This source is part of the Loading Emissions Cap.

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
AS LR	Loading Racks	UTM zone no. [X] 15 Horizontal coordinate 672442 m E Vertical coordinate 3381382 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	NA	NA

Fuel

	Type of fuel used and heat input (see instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	10	5	52	600 gpm
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*1.67	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.459	*	3	C	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.03	*	3	C	N/A ppm by vol
Styrene	000	0.0000	*	*0.356	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.594	*	3	C	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.157	*	3	C	N/A ppm by vol

*This source is part of the Loading Emissions Cap.

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Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MS CAP	MS Drums Cap	UTM zone no. [X] 15 Horizontal coordinate m E Vertical coordinate N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	NA	NA

Fuel

	Type of fuel used and heat input (see instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	NA

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*0.38	*	*1.68	3	A	N/A ppm by vol
Benzene	000	0.0000	*0.114	*	*0.501	3	A	N/A ppm by vol
Cumene	000	0.0000	*0.001	*	*0.002	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*0.027	*	*0.118	3	A	N/A ppm by vol
Methanol	000	0.0000	*0.001	*	*0.001	3	A	N/A ppm by vol
Styrene	000	0.0000	*0.137	*	*0.584	3	A	N/A ppm by vol
Toluene	000	0.0000	*0.038	*	*0.165	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*0.008	*	*0.034	3	A	N/A ppm by vol

*The MS Drums Cap includes sources MD004N, MD005, MD005A, MD005B, MD006, MD006A, MD008A, MD017A, MD017B, MD019A, MD019B, MD019D, MD020B, MD020D, MD020A, MD019E, MD020E, MD019C, MD020C, MD075, MD079, MD023, MD060, MD015, MD016, MD018, MD012, MD013.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 004N	Crude Alkylate Drum	UTM zone no. [X] 15 Horizontal coordinate 672446 m E; Vertical coordinate 3381490m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	23	0.333 ft	100	8.3	1.6	NA	5,300 Gallons

Fuel

	Type of fuel used and heat input (see instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	5,300 Gal

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	C	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

*This source is part of MS Drum Emissions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 005	Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 627448 m E Vertical coordinate 3381490 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	23	0.166 ft	75	1	1	1954	19,830 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	19,830 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

*This source is part of MS Drum Emissions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 005A	Vent Scrubber Feed Drum	UTM zone no. [X] 15 Horizontal coordinate 672423 m E Vertical coordinate 3381476 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	20	0.5 ft	75	1	1	1955	25,117 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	25,117 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	NA ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	C	NA ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	NA ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	NA ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	NA ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	A	NA ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	NA ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	NA ppm by vol

*This source is part of MS Drum Emissions Cap.

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Air Quality Division
P.O. Box 4313
Baton Rouge, LA 70821-4313
(225) 219-3181

LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 005B	Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 67435 m E Vertical coordinate 3381474m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	24	0.17 ft	75	1	1	1955	24,290 Gallons

Fuel

	Type of fuel used and heat input (see instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	24,290 Gallons
B											
c											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	NA ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	C	NA ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	NA ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	NA ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	NA ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	A	NA ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	NA ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	NA ppm by vol

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 006	Crude Alkylate Drum	UTM zone no. [X] 15 Horizontal coordinate 672467 m E Vertical coordinate 3381481 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	16	0.333 ft	100	8.3	1.6	1953	5,500 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	5,500 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	C	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 006A	Crude Alkylate Drum	UTM zone no. [X] 15 Horizontal coordinate 672475 m E Vertical coordinate 3381484 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	16	0.333 ft	100	8.3	1.6	1953	5,500 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	5,500 Gallons
B											
c											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	C	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 008A	Vent Scrubber Tank	UTM zone no. [X] 15 Horizontal coordinate 672416 m E Vertical coordinate 3381508 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	20	0.166 ft	75	1	1	1955	24,304 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	24,304 Gallons
B											
c											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	C	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 012	Inhibitor Drum	UTM zone no. [X] 15 Horizontal coordinate 672423 m E Vertical coordinate 3381382 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	12	0.25 ft	75	NA	NA	1953	1,000 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
	25%	25%	25%	25%	24	7	52	1,000 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 013	Inhibitor and MS Drum	UTM zone no. [X] 15 Horizontal coordinate 672437 m E; Vertical coordinate 3381385 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	16	0.333 ft	100	8.3	1.6	1954	5,500 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	5,500 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 015	Inhibitor and Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 6724.39 m E Vertical coordinate 3381391 m N

Stack and Discharge Physical Characteristics [Change _yes x no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	9	0.166 ft	75	4.5	3.4	1954	1,990 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	1,990 Gallons
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 016	Inhibitor and Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672445 m E Vertical coordinate 3381391 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	9	0.166 ft	75	4.5	3.4	1954	1,990 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	1,990 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 017A	Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672487 m E Vertical coordinate 3381401 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	3	0.166 ft	75	1	1	1955	19,830 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	19,830 Gallons
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isormers)	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 017B	Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672482 m E Vertical coordinate 3381401 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	7	0.41 ft	120	1	1	1955	24,290 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	24,290 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isormers)	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 018	Alkylation Feed Drum	UTM zone no. [X] 15 Horizontal coordinate 672458 m E Vertical coordinate 3381391 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	7	0.41 ft	75	1	1	1953	26,247 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	26,247 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	C	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

*This source is part of MS Drum Emissions Cap.

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 019A	Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672487 m E; Vertical coordinate 3381401 m N

Stack and Discharge Physical Characteristics [Change _yes x no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	3	0.166 ft	75	1	1	1959	19,729 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	19,729 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 019C	Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672503 m E Vertical coordinate 3381404 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	6	0.166 ft	90	1	1	1959	19,830 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	19,830 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 019D	Inhibitor and Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672511 m E Vertical coordinate 3381405 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	3	0.166 ft.	75	1	1	1959	19,729 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	19,729 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 019E	Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672474 m E Vertical coordinate 3381398 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	6	0.166 ft	90	1	1	1959	19,830 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	19,830 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol
Ethlybenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylenes (mixed isormers)	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 020 A	Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672495 m E Vertical coordinate 3381382 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	3	0.166 ft	75	1	1	1959	19,729 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	19,729 Gallons
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 020B	Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672500 m E Vertical coordinate 3381407 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	3	0.166 ft.	75	1	1	1959	19,729 Gallons

Fuel

Type of fuel used and heat input (see Instructions)	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	19,729 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 020C	Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672506 m E Vertical coordinate 3381411 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	6	0.166 ft	90	1	1	1959	19,830 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	19,830 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 020D	Inhibitor and Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672516 m E Vertical coordinate 3381411 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	15	0.5 ft	75	1	1	1960	19,729 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	19,729 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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Emission Inventory Questionnaire (EIQ)
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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 020E	Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672479 m E; Vertical coordinate 3381398 m N

Stack and Discharge Physical Characteristics (Change __yes x nol	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	6	0.166 ft	90	1	1	1959	19,830 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	19,830 Gallons
B											
c											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylenes (mixed isormers)	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 023	Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672459 m E Vertical coordinate 3381475 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	15	0.25 ft	100	18.7	6.1	1953	10,040 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	10,040 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

*This source is part of MS Drum Emissions Cap.

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 060	Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672467 m E Vertical coordinate 3381487 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	13	0.17 ft	75	1	1	1978	24,290 Gallons

Fuel

Type of fuel used and heat input (see Instructions)			Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	24,290 Gallons
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	C	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 075	TBC and Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672289 m E Vertical coordinate 3381456 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	6	0.166 ft	75	1	1	1983	214 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	214 Gallons
B											
c											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

*This source is part of MS Drum Emissions Cap.

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SINGLE POINT/AREA/VOLUME SOURCE Emission Inventory Questionnaire (EIQ) for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 079	TBC and Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672444m N Vertical coordinate 3381422

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	6	0.166 ft	75	1	1	1983	214 Gallons

Fuel

Type of fuel used and heat input (see Instructions)	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	214 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate Average (lbs/hr)	Emission Rate Maximum (lbs/hr)	Emission Rate Annual (tons/yr)	Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
Total VOC	000	0.0000	*	*0.01	*	3	C	N/A ppm by vol
Benzene	000	0.0000	*	*0.100	*	3	A	N/A ppm by vol
Cumene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.003	*	3	A	N/A ppm by vol
Methanol	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol
Styrene	000	0.0000	*	*0.040	*	3	C	N/A ppm by vol
Toluene	000	0.0000	*	*0.040	*	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

*This source is part of MS Drum Emissions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
SCP CAP	SCP Drums Cap	UTM zone no. [X] 15 Horizontal coordinate m E Vertical coordinate N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	NA	NA

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	NA

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*0.010	*	*0.067	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*0.003	*	*0.012	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*0.002	*	*0.009	3	A	N/A ppm by vol

* The SCP Drums Cap includes sources MD321, MD325, MD326, MD327, MD40, MD341, MD359, MD360, MD360A, MD361, MD362, MD363, MD364, and MD366.

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SINGLE POINT/AREA/VOLUME SOURCE
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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 321	Feed Drum	UTM zone no. [X] 15 Horizontal coordinate 672294 m E Vertical coordinate 3381460 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	32	0.5 ft	80	16.7	1.4	1966	10,116 Gallons

Fuel

	Type of fuel used and heat input (see instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	10,116 Gallons
B											
c											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

*This source is part of SCP Drum Emissions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 325	Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672305 m E Vertical coordinate 3381460 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	20	0.083 ft	75	1	1	1966	10,116 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	10,116 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 326	Finished Monomer Day Drum	UTM zone no. [X] 15 Horizontal coordinate 672310 m E Vertical coordinate 3381463 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	5	0.166 ft	75	0.22	0.166	1963	5,499 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	5,499 Gallons
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

*This source is part of SCP Drum Emissions Cap.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 327	Finished Monomer Day Drum	UTM zone no. [X] 15 Horizontal coordinate 672316 m E Vertical coordinate 3381463 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	5	0.166 ft	75	0.22	0.166	1963	5,499 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	5,499 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 340	Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672292 m E Vertical coordinate 3381429 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	12	0.41 ft	75	< 1	< 1	1970	20,464 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	20,464 Gallons
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	September 2004

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 341	Off-Spec Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672290 mE Vertical coordinate 3381426m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	12	0.041 ft	75	1	1	1970	10,116 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	10,116 Gallons
B											
c											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 359	Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672298 m E Vertical coordinate 3381383 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	20	0.17 ft	75	1	1	1962	1,065 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	1,065 Gallons
B											
c											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 360	Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672301 m E Vertical coordinate 3381380 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	20	0.25 ft	75	1	1	1963	10,116 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	10,116 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

*This source is part of SCP Drum Emissions Cap.

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 360A	Monomer Rerun Drum	UTM zone no. [X] 15 Horizontal coordinate 672306 m E Vertical coordinate 3381383 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	20	0.25 ft	75	1	1	1966	10,116 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	10,116 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 361	Monomer Tar Drum	UTM zone no. [X] 15 Horizontal coordinate 672295 m E Vertical coordinate 3381429 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	3	0.166 ft	75	1	1	1970	1,963 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	1,963 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 362	Inhibitor Drum	UTM zone no. [X] 15 Horizontal coordinate 672300 m E Vertical coordinate 3381407 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	12	0.167 ft	NA	NA	NA	1970	5,000 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	5,000 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 363	Crude Alkylate or Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672290 m E Vertical coordinate 3381426 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	12	0.25 ft	75	1	1	1970	5,345 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	5,345 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 364	Inhibitor Drum	UTM zone no. [X] 15 Horizontal coordinate 672287 m E Vertical coordinate 3381426 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	12	0.25 ft	75	1	1	1953	5,345 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	5,345 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	C	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	A	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MD 366	Crude Alkylate or Crude Monomer Drum	UTM zone no. [X] 15 Horizontal coordinate 672290 m E Vertical coordinate 3381404 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	3	0.166 ft	75	1	1	1989	312 Gallons

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	312 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*	*0.004	*	3	C	N/A ppm by vol
Ethylbenzene	000	0.0000	*	*0.002	*	3	A	N/A ppm by vol
Naphthalene	000	0.0000	*	*0.001	*	3	C	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
WWT	Wastewater Treatment System Emissions	UTM zone no. [X] 15 Horizontal coordinate 672479 m E Vertical coordinate 3381404 N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	NA	NA	NA	NA	NA	NA	NA

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	NA

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	*0.29	0.29	*1.24	3	A	N/A ppm by vol
Benzene	000	0.0000	*0.030	0.030	*0.143	3	A	N/A ppm by vol
Ethylbenzene	000	0.0000	*0.100	0.100	*0.436	3	A	N/A ppm by vol
Styrene	000	0.0000	*0.010	0.010	*0.046	3	A	N/A ppm by vol
Toluene	000	0.0000	*0.090	0.090	*0.375	3	A	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	*0.060	0.060	*0.241	3	A	N/A ppm by vol

*The Wastewater Treatment System Emissions is replacing sources MS-404, MS-405, MS-406, MS-407, MS-412, and MS-413.

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MS 404	Biotreatment Feed Tank	UTM zone no. [X] 15 Horizontal coordinate 672210 m E Vertical coordinate 3381427 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	25	0.167 ft	100	< 1	< 1	1977	40,000 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	40,000 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol
Benzene	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol
Toluene	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol

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Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MS 405	Biotreatment Feed Tank	UTM zone no. [X] 15 Horizontal coordinate 672199 m E Vertical coordinate 3381442 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	25	0.167 ft	100	< 1	< 1	1977	20,000 Gallons

Fuel

Type of fuel used and heat input (see Instructions)			Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	52	20,000 Gallons
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol
Benzene	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol
Toluene	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol

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Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MS 406	Biotreatment Feed Tank	UTM zone no. [X] 15 Horizontal coordinate 672210 m E Vertical coordinate 3381406 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	25	0.167 ft	100	< 1	< 1	1977	40,000 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	40,000 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol
Benzene	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol
Toluene	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol

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Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MS 407	Biotreatment Feed Tank	UTM zone no. [X] 15 Horizontal coordinate 672215 m E Vertical coordinate 3381409 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	25	0.167 ft	100	< 1	< 1	1977	20,000 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
A	NA	NA		25%	25%	25%	25%	24	7	13	20,000 Gallons
B											
C											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol
Benzene	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol
Toluene	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol

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Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MS 412	Biotreatment Feed Tank	UTM zone no. [X] 15 Horizontal coordinate 672188 m E Vertical coordinate 3381418 m N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	24	0.167 ft	78	< 1	< 1	1977	20,000 Gallons

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	20,000 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol
Benzene	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol
Toluene	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol

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Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MS 413	Biotreatment Feed Tank	UTM zone no. [X] 15 Horizontal coordinate 672180 m E Vertical coordinate 3381418m N

Stack and Discharge Physical Characteristics [Change __yes x no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	25	0.167 ft	78	< 1	< 1	1977	20,000 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	20,000 Gallons

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol
Benzene	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol
Toluene	000	0.0000	0.00	0.00	0.00	4	D	N/A ppm by vol

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

LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	September 2004

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
MS 416	Biotreatment Tank	UTM zone no. [X] 15 Horizontal coordinate 671870 m E Vertical coordinate 3381484 m N

Stack and Discharge Physical Characteristics (Change __yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	12	5026 ft	78	1.7	< 1	1977	450,000 Gallons

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	450,000 Gallons

0Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.303	0.303	1.326	7	D	N/A ppm by vol
Benzene	000	0.0000	0.057	0.057	0.25	7	D	N/A ppm by vol
Ethylbenzene	000	0.0000	0.001	0.001	0.004	7	D	N/A ppm by vol
Styrene	000	0.0000	0.003	0.003	0.014	7	D	N/A ppm by vol
Toluene	000	0.0000	0.015	0.015	0.066	7	D	N/A ppm by vol
Xylene (mixed isomers)	000	0.0000	0.001	0.001	0.004	7	D	N/A ppm by vol

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
A-564	Process Vent 1	UTM zone no. [X] 15 Horizontal coordinate 672423 m E Vertical coordinate 3381694 N

Stack and Discharge Physical Characteristics [Change __yes x no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	42	0.5 ft	75	< 1	0.08	NA	NA

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	7	52	< 1 cfm

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	7	D	N/A ppm by vol
Methanol	000	0.0000	0.00	0.00	0.00	7	D	N/A ppm by vol

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Deltech Corporation	Baton Rouge, Louisiana	November 2005

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
A-565	Process Vent 2	UTM zone no. [X] 15 Horizontal coordinate 672423 m E Vertical coordinate 3381694 N

Stack and Discharge Physical Characteristics (Change _yes x no)	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	42	0.5 ft	75	1.2	0.1	NA	NA

Fuel

Type of fuel used and heat input (see Instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
A	NA	NA
B		
C		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25%	25%	25%	25%	24	5	50	1.2 cfm

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC	000	0.0000	0.00	0.00	0.00	7	D	N/A ppm by vol
Methanol	000	0.0000	0.00	0.00	0.00	7	D	N/A ppm by vol

ANNUAL EMISSION RATES

DELTECH FACILITY
AGENCY INTEREST NO.: 248
DELTECH CORPORATION
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

Emission	Permitted emission rates are listed in tons per year					
Point No.	PM_{10}	SO_2	NO_x	CO	VOC	Other
MD 602	-	-	-	-	0.004	-
AT 513	-	-	-	-	8.15	-
PE 01	-	-	-	-	8.14	-
XB 101	0.28	0.02	3.65	3.07	0.20	-
XD 101A/B	-	-	-	5.50	-	-
PE 005	-	-	-	-	2.92	-
E HTWLL	-	-	-	-	0.001	-
W HTWLL	-	-	-	-	0.001	-
PE 301	-	-	-	-	0.47	-
PE 302	-	-	-	-	0.002	-
SCP HTWLL	-	-	-	-	0.004	-
ASF	-	-	-	-	0.34	-
COOL TWR	42.09	-	-	-	-	-
MD 008N*	-	-	-	-	0.00	-
MD 011A*	-	-	-	-	0.00	-
MD 014*	-	-	-	-	0.00	-
MD 017*	-	-	-	-	0.00	-
MD 019*	-	-	-	-	0.00	-
MD 020*	-	-	-	-	0.00	-
MD 394*	-	-	-	-	0.00	-
MD 395*	-	-	-	-	0.00	-
GQ 001	0.75	0.06	9.86	8.28	2.03	-
HF 303	0.27	0.02	3.50	2.94	0.19	-
HF 001	1.20	0.09	15.77	13.25	0.87	-
HF 004	1.20	0.09	7.88	13.25	0.87	-
HF 005	1.36	0.04	7.96	6.39	1.40	-
BOILER CAP (a)	12.46	48.0	115.6	98.19	6.15	-
TANK CAP (b)	-	-	-	-	15.58	-
IFR CAP (c)	-	-	-	-	1.15	-
LOAD CAP (d)	-	-	-	-	2.55	-
MS CAP (e)	-	-	-	-	1.68	-
SCP CAP (f)	-	-	-	-	0.07	-
WWT (g)	-	-	-	-	1.24	-
Total	**59.61**	**48.32**	**164.22**	**150.87**	**54.01****	-

*Emission points venting to flare; **For VOC Speciation, see next page

(a) Boiler Cap includes HB 507, HB 512, HB 513

(b) Tank Cap includes MD 074, MF 126, MF 206, MS 112, MV 320, MV 330, MV 332, MV 340, MV 801, MV 802, MV 803, MV 804, MV 806, MV 807, MV 809, MV 810, MV 812, MV 813, MV 814, MV 815, MV 816, MV 818

(c) Internal Floating Roof Cap includes MV 808, MV 811, MV 817

(d) Loading Cap includes AS BL, AS LR

(e) MS Drums Cap includes MD 004N, MD 005, MD 005A, MD 005B, MD 006, MD 006A, MD 008A, MD 012, MD 013, MD 015, MD 016, MD 017A, MD 017B, MD 018, MD 019A, MD 019B, MD 019C, MD 019D, MD 019E, MD 020A, MD 020B, MD 020C, MD 020D, MD 020E, MD 023, MD 060, MD 075, MD 079

(f) SCP Drums Cap includes MD 321, MD 325, MD 326, MD 327, MD 340, MD 341, MD 359, MD 360, MD 360A, MD 361, MD 362, MD 363, MD 364, MD 366

(g) WWT includes MS 404, MS 405, MS 406, MS 407, MS 412, MS 413

ANNUAL EMISSION RATES

DELTECH FACILITY
AGENCY INTEREST NO.: 248
DELTECH CORPORATION
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

VOC Speciation	
VOC TAPs (LAC 33:III.Chapter 51):	**TPY**
Benzene	7.659
Cumene	0.188
Ethylbenzene	5.124
Formaldehyde	0.08
Methanol	0.001
Naphthalene	0.009
Styrene	5.164
Toluene	9.857
Xylene	1.888
Subtotal	29.97
Non LAC 33:III.Chapter 51	24.04
Total VOC	54.01

General Condition XVII:	VOC
Operation	(tons/yr)
1. Sampling Procedures	0.02
2. Pump Preparation	0.006
3. Line Preparation	0.005
4. Vessel Preparation	0.13
5. Instrumentation Mechanical Work	0.001
6. Tank Cleaning for Inspection and Service	1.73
7. Shop Work on Equipment	0.01
8. Solids Loading and Unloading	-
9. Crude Styrene Tank Vent Scrubber (maintenance)	0.124

Worksheet for Technical Review of Working Draft of Proposed Permit

Company Name:	**Deltech Corporation**	**AI #:**	**248**	**TEMPO Activity No:**	**PER20050011**
Facility Name:	**Deltech Facility**	**Remarks Submitted by:**	**Kelly Bergeron, Deltech Corporation**		
Permit Writer:	**Maria F. Cuadra**	**Permit Writer Email address:**	maria.cuadra@la.gov		

Instructions

Permit Reference – Indicate specific portion(s) of the permit to which the remark relates (i.e. "Specific Condition 120", or "Section II Air Permit Briefing Sheet", etc.).

Remarks – Explain the basis for each remark. Provide regulatory citations where possible. If the remark is made due to an error or omission in the permit application this must be noted and the revised information ***must be submitted.*** Revised information may be submitted separately from this worksheet. Please be aware that revised information must be submitted in writing and certified by the Responsible Official, and if necessary, by a Professional Engineer licensed in Louisiana. *Please Note:* New or additional equipment, processes or operating conditions not addressed in the original permit application will be addressed on a case-by-case basis. The Department reserves the right to address such changes in a separate permit action.

DEQ Response – ***DO NOT COMPLETE THIS SECTION.*** This section will be completed by Air Permits Division of DEQ, included in the proposed permit package and made available for public review during the public comment period.

- Additional rows may be added as necessary.
- Completed Form shall be emailed to the Permit writer in MS Word compatible format within the deadline specified in the email notification.

Permit Reference	Remarks	Air Permits Division Response (for official use only)
Emission Point List	**In the application, Deltech stated that there are storage tanks less than 250 gallons storing organic liquids with vapor pressure less than or equal to 3.5 psia. These are insignificant activities and should be included in the list of Insignificant Activities (LAC 33:III.510.B.5). The emissions from these tanks are less than five tons per year and no Minimum Emission Rates for Chapter 51 pollutants are exceeded. Deltech requests adding this to the list of insignificant activities.**	**Added "storage tanks < 250 gallons (VP <= 3.5 psia) to the Insignificant Activities under Emission Point List**