EPA Facility Identifier: 1000 0020 0953 Plan Sequence Number: 1000109571

# **Section 1. Registration Information**

#### Source Identification

Facility Name: IMTT-Geismar

Parent Company #1 Name: International Matex Tank Terminals

Submission Type: Resubmission Receipt Date: January 2024

**Facility Identification** 

Facility ID: 1000 0020 0953

**Dun and Bradstreet Numbers (DUNS)** 

Facility DUNS: 849795518

**Facility Location Address** 

Street 1: 8112 Highway 75

 Street 2:
 N/A

 City:
 Geismar

 State:
 LA

 ZIP:
 70734

 ZIP4:
 0138

 County:
 Ascension

Facility Latitude and Longitude

Latitude (decimal): 30.184738 Longitude (decimal): -91.002607

Local Emergency Planning Committee and Regulations

LEPC: Ascension Parish LEPC

OSHA PSM: Yes
EPCRA 302: Yes
CAA Title V: Yes

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#### **Process Chemicals**

Program Level: Program Level 3 process

Chemical Name: Propylene oxide [Oxirane, methyl-]

CAS Number: 75-56-9 Flammable/Toxic: Toxic

Program Level: Program Level 3 process
Chemical Name: Dimethylamine [Methanamine,

N-methyl-]

CAS Number: 124-40-3 Flammable/Toxic: Flammable

Program Level: Program Level 3 process

Chemical Name: Toluene diisocyanate (unspecified

isomer) [Benzene, 1,3-diisocyanatomethyl-]

CAS Number: 26471-62-5 Flammable/Toxic: Toxic

#### **Process NAICS**

NAICS Code: 49319

NAICS Description: Other Warehousing and Storage

## **Section 6. Accident History**

#### Accident History ID: Accident 1

Date of Accident: October 2019

Time Accident Began (HH:MM): 17:45
NAICS Code of Process Involved: 49319

NAICS Description: Other Warehousing and Storage

Release Duration: 000 Hours 20 Minutes

#### Release Event

Gas Release:YesLiquid Spill/Evaporation:N/AFire:N/AExplosion:N/AUncontrolled/Runaway Reaction:N/A

EPA Facility Identifier: 1000 0020 0953 Plan Sequence Number: 1000109571

#### Release Source

Storage Vessel: Yes N/A Piping: Process Vessel: N/A Transfer Hose: N/A Valve: N/A N/A Pump: Joint: N/A Other Release Source: N/A

### Weather Conditions at the Time of Event

Wind Speed: 1.0
Units: Miles/h
Direction: W
Temperature: 75
Atmospheric Stability Class: F
Precipitation Present: N/A
Unknown Weather Conditions: N/A

#### On-Site Impacts

Employee or Contractor Deaths:

Public Responder Deaths:

Public Deaths:

Employee or Contractor Injuries:

Public Responder Injuries:

Public Injuries:

On-Site Property Damage (\$):

## **Known Off-Site Impacts**

Deaths: 0
Hospitalizations: 0
Public Deaths: 0
Other Medical Treatments: 0
Evacuated: 0
Sheltered-in-Place: 0
Off-Site Property Damage (\$): 0

EPA Facility Identifier: 1000 0020 0953 Plan Sequence Number: 1000109571

**Environmental Damage** 

Fish or Animal Kills:

Tree, Lawn, Shrub, or Crop Damage:

N/A

Water Contamination:

N/A

Soil Contamination:

N/A

Other Environmental Damage:

N/A

**Initiating Event** 

Initiating Event: Equipment Failure

**Contributing Factors** 

**Equipment Failure:** Yes Human Error: N/A Improper Procedures: N/A Overpressurization: N/A **Upset Condition:** N/A By-Pass Condition: N/A Maintenance Activity/Inactivity: N/A Process Design Failure: N/A Unsuitable Equipment: N/A **Unusual Weather Condition:** N/A Management Error: N/A

Other Contributing Factor:

Srvice contractor did not follow manufacturers recommendations for replacement parts and precedures.

replacement parts and procedures

Off-Site Responders Notified

Off-Site Responders Notified: No, not notified

EPA Facility Identifier: 1000 0020 0953 Plan Sequence Number: 1000109571

### Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment: Yes Revised Maintenance: Yes N/A Revised Training: **Revised Operating Procedures:** N/A **New Process Controls:** N/A New Mitigation Systems: N/A Revised Emergency Response Plan: N/A **Changed Process:** N/A Reduced Inventory: N/A None: N/A Other Changes Introduced: N/A

### Chemicals in Accident History

Quantity Released (lbs): 70
Percent Weight: 100

Chemical Name: Propylene oxide [Oxirane, methyl-]

CAS Number: 75-56-9 Flammable/Toxic: Toxic

## Accident History ID: Accident 2

Date of Accident: October 2019
Time Accident Began (HH:MM): 21:00

NAICS Code of Process Involved: 49319

NAICS Description: Other Warehousing and Storage

Release Duration: 000 Hours 15 Minutes

#### Release Event

Gas Release: Yes
Liquid Spill/Evaporation: N/A
Fire: N/A
Explosion: N/A
Uncontrolled/Runaway Reaction: N/A

EPA Facility Identifier: 1000 0020 0953 Plan Sequence Number: 1000109571

#### Release Source

Storage Vessel: Yes N/A Piping: Process Vessel: N/A Transfer Hose: N/A Valve: N/A N/A Pump: Joint: N/A Other Release Source: N/A

### Weather Conditions at the Time of Event

Wind Speed: 1.0
Units: Miles/h
Direction: N
Temperature: 75
Atmospheric Stability Class: F
Precipitation Present: N/A
Unknown Weather Conditions: N/A

#### On-Site Impacts

Employee or Contractor Deaths:

Public Responder Deaths:

Public Deaths:

Employee or Contractor Injuries:

Public Responder Injuries:

Public Injuries:

On-Site Property Damage (\$):

## **Known Off-Site Impacts**

Deaths: 0
Hospitalizations: 0
Public Deaths: 0
Other Medical Treatments: 0
Evacuated: 0
Sheltered-in-Place: 0
Off-Site Property Damage (\$): 0

EPA Facility Identifier: 1000 0020 0953 Plan Sequence Number: 1000109571

#### **Environmental Damage**

Fish or Animal Kills:

Tree, Lawn, Shrub, or Crop Damage:

N/A

Water Contamination:

N/A

Soil Contamination:

N/A

Other Environmental Damage:

N/A

#### **Initiating Event**

Initiating Event: Equipment Failure

### **Contributing Factors**

**Equipment Failure:** Yes Human Error: N/A Improper Procedures: N/A Overpressurization: N/A **Upset Condition:** N/A N/A By-Pass Condition: Maintenance Activity/Inactivity: N/A Process Design Failure: N/A Unsuitable Equipment: N/A **Unusual Weather Condition:** N/A Management Error: N/A Other Contributing Factor: N/A

#### Off-Site Responders Notified

Off-Site Responders Notified: No, not notified

#### Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment: N/A Yes Revised Maintenance: Revised Training: N/A N/A **Revised Operating Procedures:** New Process Controls: N/A N/A New Mitigation Systems: Revised Emergency Response Plan: N/A **Changed Process:** N/A N/A Reduced Inventory: N/A Other Changes Introduced: N/A

EPA Facility Identifier: 1000 0020 0953 Plan Sequence Number: 1000109571

### Chemicals in Accident History

Quantity Released (lbs): 286
Percent Weight: 100

Chemical Name: Propylene oxide [Oxirane, methyl-]

CAS Number: 75-56-9 Flammable/Toxic: Toxic

## Accident History ID: Accident 3

Date of Accident: April 2019
Time Accident Began (HH:MM): 01:30
NAICS Code of Process Involved: 49319

NAICS Description: Other Warehousing and Storage

Release Duration: 000 Hours 15 Minutes

#### Release Event

Gas Release: N/A
Liquid Spill/Evaporation: Yes
Fire: N/A
Explosion: N/A
Uncontrolled/Runaway Reaction: N/A

#### Release Source

N/A Storage Vessel: Piping: N/A Process Vessel: N/A Transfer Hose: Yes Valve: N/A Pump: N/A Joint: N/A Other Release Source: N/A

#### Weather Conditions at the Time of Event

Wind Speed: 5.5
Units: Miles/h
Direction: SE
Temperature: 71
Atmospheric Stability Class: D
Precipitation Present: N/A
Unknown Weather Conditions: N/A

EPA Facility Identifier: 1000 0020 0953 Plan Sequence Number: 1000109571

#### **On-Site Impacts**

Employee or Contractor Deaths: 0
Public Responder Deaths: 0
Public Deaths: 0
Employee or Contractor Injuries: 0
Public Responder Injuries: 0
Public Injuries: 0
On-Site Property Damage (\$): 0

## **Known Off-Site Impacts**

Deaths: 0
Hospitalizations: 0
Public Deaths: 0
Other Medical Treatments: 0
Evacuated: 0
Sheltered-in-Place: 0
Off-Site Property Damage (\$): 0

## **Environmental Damage**

Fish or Animal Kills:

Tree, Lawn, Shrub, or Crop Damage:

N/A

Water Contamination:

Yes

Soil Contamination:

N/A

Other Environmental Damage:

N/A

## **Initiating Event**

Initiating Event:

**Equipment Failure** 

EPA Facility Identifier: 1000 0020 0953 Plan Sequence Number: 1000109571

### **Contributing Factors**

**Equipment Failure:** Yes N/A Human Error: Improper Procedures: N/A N/A Overpressurization: **Upset Condition:** N/A By-Pass Condition: N/A Maintenance Activity/Inactivity: N/A Process Design Failure: N/A Unsuitable Equipment: N/A Unusual Weather Condition: N/A Management Error: N/A Other Contributing Factor: N/A

#### Off-Site Responders Notified

Off-Site Responders Notified: No, not notified

### Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment: N/A N/A Revised Maintenance: Revised Training: N/A Revised Operating Procedures: N/A New Process Controls: N/A New Mitigation Systems: N/A Revised Emergency Response Plan: N/A Changed Process: N/A Reduced Inventory: N/A None: Yes Other Changes Introduced: N/A

#### Chemicals in Accident History

Quantity Released (lbs): 55
Percent Weight: 100

Chemical Name: Toluene 2,4-diisocyanate [Benzene,

2,4-diisocyanato-1-methyl-]

CAS Number: 584-84-9 Flammable/Toxic: Toxic

EPA Facility Identifier: 1000 0020 0953 Plan Sequence Number: 1000109571

## **Section 9. Emergency Response**

### Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):

Yes

Facility Plan (Does facility have its own written emergency response plan?):

Yes

Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):

Yes

Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):

Yes

Healthcare (Does facility's ER plan include information on emergency health care?):

Yes

### **Local Agency**

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):

Ascension Parish LEPC

Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):

(225) 621-8360