

## Section 1. Registration Information

### Source Identification

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Facility Name:	Phillips 66 Company - Lake Charles Refinery
Parent Company #1 Name:	Phillips 66 Company
Submission Type:	Resubmission
Receipt Date:	April 2024

### Facility Identification

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Facility ID:	1000 0003 9157
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### Dun and Bradstreet Numbers (DUNS)

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Facility DUNS:	8427692
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### Facility Location Address

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Street 1:	2200 Old Spanish Trail
Street 2:	N/A
City:	Westlake
State:	LA
ZIP:	70669
ZIP4:	5124
County:	Calcasieu

### Facility Latitude and Longitude

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Latitude (decimal):	30.240278
Longitude (decimal):	-93.277222

### Local Emergency Planning Committee and Regulations

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LEPC:	Calcasieu Parish LEPC
OSHA PSM:	Yes
EPCRA 302:	Yes
CAA Title V:	Yes

## Process Chemicals

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Program Level:	Program Level 3 process
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

## Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable

Chemical Name:	Methane
CAS Number:	74-82-8
Flammable/Toxic:	Flammable

Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable

Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Chemical Name:	1-Butene
CAS Number:	106-98-9
Flammable/Toxic:	Flammable

Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
Flammable/Toxic:	Flammable

Chemical Name:	2-Butene
CAS Number:	107-01-7
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable
Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-cis
CAS Number:	590-18-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-trans [2-Butene, (E)]
CAS Number:	624-64-6
Flammable/Toxic:	Flammable
Chemical Name:	2-Pentene, (Z)-
CAS Number:	627-20-3
Flammable/Toxic:	Flammable
Chemical Name:	2-Pentene, (E)-
CAS Number:	646-04-8
Flammable/Toxic:	Flammable
Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable
Chemical Name:	Butene
CAS Number:	25167-67-3
Flammable/Toxic:	Flammable
Chemical Name:	Ethylene [Ethene]
CAS Number:	74-85-1
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

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Chemical Name:	Pentane
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Chemical Name:	1-Butene
CAS Number:	106-98-9
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Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene
CAS Number:	107-01-7
Flammable/Toxic:	Flammable
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable
Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-cis
CAS Number:	590-18-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-trans [2-Butene, (E)]
CAS Number:	624-64-6
Flammable/Toxic:	Flammable

Chemical Name: 2-Pentene, (Z)-  
CAS Number: 627-20-3  
Flammable/Toxic: Flammable

Chemical Name: 2-Pentene, (E)-  
CAS Number: 646-04-8  
Flammable/Toxic: Flammable

Chemical Name: Hydrogen  
CAS Number: 1333-74-0  
Flammable/Toxic: Flammable

Chemical Name: Butene  
CAS Number: 25167-67-3  
Flammable/Toxic: Flammable

Chemical Name: Ethylene [Ethene]  
CAS Number: 74-85-1  
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Chemical Name:	Isobutane [Propane, 2-methyl]
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Flammable/Toxic:	Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	Hydrogen
CAS Number:	1333-74-0
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Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene
CAS Number:	107-01-7
Flammable/Toxic:	Flammable
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable

Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-cis
CAS Number:	590-18-1
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Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
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Chemical Name:	2-Butene
CAS Number:	107-01-7
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable

Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable

Chemical Name:	2-Butene-cis
CAS Number:	590-18-1
Flammable/Toxic:	Flammable

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Chemical Name:	2-Pentene, (E)-
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CAS Number:	109-67-1
Flammable/Toxic:	Flammable
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CAS Number:	627-20-3
Flammable/Toxic:	Flammable
Chemical Name:	2-Pentene, (E)-
CAS Number:	646-04-8
Flammable/Toxic:	Flammable

Chemical Name: Butene  
CAS Number: 25167-67-3  
Flammable/Toxic: Flammable

Chemical Name: Ethylene [Ethene]  
CAS Number: 74-85-1  
Flammable/Toxic: Flammable

Program Level: Program Level 3 process  
Chemical Name: Flammable Mixture  
CAS Number: 00-11-11  
Flammable/Toxic: Flammable

### Flammable Mixture Chemical Components

Chemical Name: Isopentane [Butane, 2-methyl-]  
CAS Number: 78-78-4  
Flammable/Toxic: Flammable

Chemical Name: Methane  
CAS Number: 74-82-8  
Flammable/Toxic: Flammable

Chemical Name: Ethane  
CAS Number: 74-84-0  
Flammable/Toxic: Flammable

Chemical Name: Propane  
CAS Number: 74-98-6  
Flammable/Toxic: Flammable

Chemical Name: Isobutane [Propane, 2-methyl]  
CAS Number: 75-28-5  
Flammable/Toxic: Flammable

Chemical Name: Butane  
CAS Number: 106-97-8  
Flammable/Toxic: Flammable

Chemical Name: Pentane  
CAS Number: 109-66-0  
Flammable/Toxic: Flammable

Chemical Name: 1-Pentene  
CAS Number: 109-67-1  
Flammable/Toxic: Flammable

Chemical Name:	2-Pentene, (Z)-
CAS Number:	627-20-3
Flammable/Toxic:	Flammable

Chemical Name:	2-Pentene, (E)-
CAS Number:	646-04-8
Flammable/Toxic:	Flammable

Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

#### Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable

Chemical Name:	Methane
CAS Number:	74-82-8
Flammable/Toxic:	Flammable

Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable

Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

### Flammable Mixture Chemical Components

Chemical Name:	Methane
CAS Number:	74-82-8
Flammable/Toxic:	Flammable

Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable

Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	2-Butene-trans [2-Butene, (E)]
CAS Number:	624-64-6
Flammable/Toxic:	Flammable

Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

### Flammable Mixture Chemical Components

Chemical Name:	Methane
CAS Number:	74-82-8
Flammable/Toxic:	Flammable
Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable
Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable
Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-trans [2-Butene, (E)]
CAS Number:	624-64-6
Flammable/Toxic:	Flammable
Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable



### Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable
Chemical Name:	Methane
CAS Number:	74-82-8
Flammable/Toxic:	Flammable
Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable
Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable
Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable
Chemical Name:	1-Butene
CAS Number:	106-98-9
Flammable/Toxic:	Flammable
Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene
CAS Number:	107-01-7
Flammable/Toxic:	Flammable
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable

Chemical Name: Propylene [1-Propene]  
CAS Number: 115-07-1  
Flammable/Toxic: Flammable

Chemical Name: 2-Butene-cis  
CAS Number: 590-18-1  
Flammable/Toxic: Flammable

Chemical Name: 2-Butene-trans [2-Butene, (E)]  
CAS Number: 624-64-6  
Flammable/Toxic: Flammable

Chemical Name: 2-Pentene, (Z)-  
CAS Number: 627-20-3  
Flammable/Toxic: Flammable

Chemical Name: 2-Pentene, (E)-  
CAS Number: 646-04-8  
Flammable/Toxic: Flammable

Chemical Name: Butene  
CAS Number: 25167-67-3  
Flammable/Toxic: Flammable

Chemical Name: Ethylene [Ethene]  
CAS Number: 74-85-1  
Flammable/Toxic: Flammable

Program Level: Program Level 3 process  
Chemical Name: Flammable Mixture  
CAS Number: 00-11-11  
Flammable/Toxic: Flammable

### Flammable Mixture Chemical Components

Chemical Name: Isopentane [Butane, 2-methyl-]  
CAS Number: 78-78-4  
Flammable/Toxic: Flammable

Chemical Name: Propane  
CAS Number: 74-98-6  
Flammable/Toxic: Flammable

Chemical Name: Isobutane [Propane, 2-methyl]  
CAS Number: 75-28-5  
Flammable/Toxic: Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable
Chemical Name:	1-Butene
CAS Number:	106-98-9
Flammable/Toxic:	Flammable
Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene
CAS Number:	107-01-7
Flammable/Toxic:	Flammable
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable
Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-cis
CAS Number:	590-18-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-trans [2-Butene, (E)]
CAS Number:	624-64-6
Flammable/Toxic:	Flammable
Chemical Name:	2-Pentene, (Z)-
CAS Number:	627-20-3
Flammable/Toxic:	Flammable
Chemical Name:	2-Pentene, (E)-
CAS Number:	646-04-8
Flammable/Toxic:	Flammable
Chemical Name:	Butene
CAS Number:	25167-67-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

### Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable
Chemical Name:	Methane
CAS Number:	74-82-8
Flammable/Toxic:	Flammable
Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable
Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable
Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable
Chemical Name:	1-Butene
CAS Number:	106-98-9
Flammable/Toxic:	Flammable
Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene
CAS Number:	107-01-7
Flammable/Toxic:	Flammable
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable

Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-cis
CAS Number:	590-18-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-trans [2-Butene, (E)]
CAS Number:	624-64-6
Flammable/Toxic:	Flammable
Chemical Name:	2-Pentene, (Z)-
CAS Number:	627-20-3
Flammable/Toxic:	Flammable
Chemical Name:	2-Pentene, (E)-
CAS Number:	646-04-8
Flammable/Toxic:	Flammable
Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable
Chemical Name:	Butene
CAS Number:	25167-67-3
Flammable/Toxic:	Flammable
Chemical Name:	Ethylene [Ethene]
CAS Number:	74-85-1
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

### Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable
Chemical Name:	Methane
CAS Number:	74-82-8
Flammable/Toxic:	Flammable

Chemical Name: Ethane  
CAS Number: 74-84-0  
Flammable/Toxic: Flammable

Chemical Name: Propane  
CAS Number: 74-98-6  
Flammable/Toxic: Flammable

Chemical Name: Isobutane [Propane, 2-methyl]  
CAS Number: 75-28-5  
Flammable/Toxic: Flammable

Chemical Name: Butane  
CAS Number: 106-97-8  
Flammable/Toxic: Flammable

Chemical Name: Pentane  
CAS Number: 109-66-0  
Flammable/Toxic: Flammable

Chemical Name: Hydrogen  
CAS Number: 1333-74-0  
Flammable/Toxic: Flammable

Program Level: Program Level 3 process  
Chemical Name: Flammable Mixture  
CAS Number: 00-11-11  
Flammable/Toxic: Flammable

### Flammable Mixture Chemical Components

Chemical Name: Isopentane [Butane, 2-methyl-]  
CAS Number: 78-78-4  
Flammable/Toxic: Flammable

Chemical Name: Methane  
CAS Number: 74-82-8  
Flammable/Toxic: Flammable

Chemical Name: Ethane  
CAS Number: 74-84-0  
Flammable/Toxic: Flammable

Chemical Name: Propane  
CAS Number: 74-98-6  
Flammable/Toxic: Flammable

Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Chemical Name:	1-Butene
CAS Number:	106-98-9
Flammable/Toxic:	Flammable

Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
Flammable/Toxic:	Flammable

Chemical Name:	2-Butene
CAS Number:	107-01-7
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable

Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable

Chemical Name:	2-Butene-cis
CAS Number:	590-18-1
Flammable/Toxic:	Flammable

Chemical Name:	2-Butene-trans [2-Butene, (E)]
CAS Number:	624-64-6
Flammable/Toxic:	Flammable

Chemical Name:	2-Pentene, (Z)-
CAS Number:	627-20-3
Flammable/Toxic:	Flammable

Chemical Name:	2-Pentene, (E)-
CAS Number:	646-04-8
Flammable/Toxic:	Flammable

Chemical Name: Butene  
CAS Number: 25167-67-3  
Flammable/Toxic: Flammable

Chemical Name: Ethylene [Ethene]  
CAS Number: 74-85-1  
Flammable/Toxic: Flammable

Program Level: Program Level 3 process  
Chemical Name: Flammable Mixture  
CAS Number: 00-11-11  
Flammable/Toxic: Flammable

### Flammable Mixture Chemical Components

Chemical Name: Isopentane [Butane, 2-methyl-]  
CAS Number: 78-78-4  
Flammable/Toxic: Flammable

Chemical Name: Methane  
CAS Number: 74-82-8  
Flammable/Toxic: Flammable

Chemical Name: Ethane  
CAS Number: 74-84-0  
Flammable/Toxic: Flammable

Chemical Name: Propane  
CAS Number: 74-98-6  
Flammable/Toxic: Flammable

Chemical Name: Isobutane [Propane, 2-methyl]  
CAS Number: 75-28-5  
Flammable/Toxic: Flammable

Chemical Name: Butane  
CAS Number: 106-97-8  
Flammable/Toxic: Flammable

Chemical Name: 1-Butene  
CAS Number: 106-98-9  
Flammable/Toxic: Flammable

Chemical Name: 2-Butene  
CAS Number: 107-01-7  
Flammable/Toxic: Flammable



Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-cis
CAS Number:	590-18-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-trans [2-Butene, (E)]
CAS Number:	624-64-6
Flammable/Toxic:	Flammable
Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable
Chemical Name:	Butene
CAS Number:	25167-67-3
Flammable/Toxic:	Flammable
Chemical Name:	Ethylene [Ethene]
CAS Number:	74-85-1
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

### Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable
Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Chemical Name:	1-Butene
CAS Number:	106-98-9
Flammable/Toxic:	Flammable

Chemical Name:	2-Butene
CAS Number:	107-01-7
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable

Chemical Name:	2-Butene-cis
CAS Number:	590-18-1
Flammable/Toxic:	Flammable

Chemical Name:	2-Butene-trans [2-Butene, (E)]
CAS Number:	624-64-6
Flammable/Toxic:	Flammable

Chemical Name:	2-Pentene, (Z)-
CAS Number:	627-20-3
Flammable/Toxic:	Flammable

Chemical Name:	2-Pentene, (E)-
CAS Number:	646-04-8
Flammable/Toxic:	Flammable

Chemical Name:	Butene
CAS Number:	25167-67-3
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

### Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable

Chemical Name:	Methane
CAS Number:	74-82-8
Flammable/Toxic:	Flammable

Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable

Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

### Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable

Chemical Name:	Methane
CAS Number:	74-82-8
Flammable/Toxic:	Flammable

Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable

Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable

Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable

Chemical Name:	Ethylene [Ethene]
CAS Number:	74-85-1
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

### Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable

Chemical Name:	Methane
CAS Number:	74-82-8
Flammable/Toxic:	Flammable

Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

### Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable

Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable

Chemical Name: Butane  
CAS Number: 106-97-8  
Flammable/Toxic: Flammable

Chemical Name: Pentane  
CAS Number: 109-66-0  
Flammable/Toxic: Flammable

Program Level: Program Level 3 process  
Chemical Name: Flammable Mixture  
CAS Number: 00-11-11  
Flammable/Toxic: Flammable

### Flammable Mixture Chemical Components

Chemical Name: Isopentane [Butane, 2-methyl-]  
CAS Number: 78-78-4  
Flammable/Toxic: Flammable

Chemical Name: Methane  
CAS Number: 74-82-8  
Flammable/Toxic: Flammable

Chemical Name: Ethane  
CAS Number: 74-84-0  
Flammable/Toxic: Flammable

Chemical Name: Propane  
CAS Number: 74-98-6  
Flammable/Toxic: Flammable

Chemical Name: Isobutane [Propane, 2-methyl]  
CAS Number: 75-28-5  
Flammable/Toxic: Flammable

Chemical Name: Butane  
CAS Number: 106-97-8  
Flammable/Toxic: Flammable

Chemical Name: 1-Butene  
CAS Number: 106-98-9  
Flammable/Toxic: Flammable

Chemical Name: 2-Butene  
CAS Number: 107-01-7  
Flammable/Toxic: Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable
Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-cis
CAS Number:	590-18-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-trans [2-Butene, (E)]
CAS Number:	624-64-6
Flammable/Toxic:	Flammable
Chemical Name:	2-Pentene, (Z)-
CAS Number:	627-20-3
Flammable/Toxic:	Flammable
Chemical Name:	2-Pentene, (E)-
CAS Number:	646-04-8
Flammable/Toxic:	Flammable
Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable
Chemical Name:	Butene
CAS Number:	25167-67-3
Flammable/Toxic:	Flammable
Chemical Name:	Ethylene [Ethene]
CAS Number:	74-85-1
Flammable/Toxic:	Flammable

## Process NAICS

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NAICS Code:	32411
NAICS Description:	Petroleum Refineries

## Section 6. Accident History

### Accident History ID: Accident 1

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Date of Accident:	November 2021
Time Accident Began (HH:MM):	00:30
NAICS Code of Process Involved:	32411
NAICS Description:	Petroleum Refineries
Release Duration:	000 Hours 02 Minutes

### Release Event

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

### Release Source

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

### Weather Conditions at the Time of Event

---

Wind Speed:	2.8
Units:	Miles/h
Direction:	NE
Temperature:	63
Atmospheric Stability Class:	B
Precipitation Present:	N/A
Unknown Weather Conditions:	N/A



## On-Site Impacts

---

Employee or Contractor Deaths:	0
Public Responder Deaths:	0
Public Deaths:	0
Employee or Contractor Injuries:	2
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:	N/A
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:	Human Error
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## Contributing Factors

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Equipment Failure:	N/A
Human Error:	Yes
Improper Procedures:	Yes
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:	N/A

## Off-Site Responders Notified

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Off-Site Responders Notified:	No, not notified
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## Changes Introduced as a Result of the Accident

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

## Chemicals in Accident History

---

Quantity Released (lbs):	13
Percent Weight:	N/A
Chemical Name:	Methane
CAS Number:	74-82-8
Flammable/Toxic:	Flammable
Quantity Released (lbs):	41
Percent Weight:	N/A
Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable

Quantity Released (lbs):	130
Percent Weight:	N/A
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Quantity Released (lbs):	556
Percent Weight:	N/A
Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Quantity Released (lbs):	357
Percent Weight:	N/A
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

## Accident History ID: Accident 2

---

Date of Accident:	August 2016
Time Accident Began (HH:MM):	12:05
NAICS Code of Process Involved:	32411
NAICS Description:	Petroleum Refineries
Release Duration:	000 Hours 40 Minutes

## Release Event

---

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

## Release Source

---

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

## Weather Conditions at the Time of Event

---

Wind Speed:	4.0
Units:	Miles/h
Direction:	SE
Temperature:	82
Atmospheric Stability Class:	B
Precipitation Present:	N/A
Unknown Weather Conditions:	N/A

## 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 (\$):	2000000

## 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:	N/A
Tree, Lawn, Shrub, or Crop Damage:	N/A
Water Contamination:	N/A
Soil Contamination:	N/A
Other Environmental Damage:	N/A

## Initiating Event

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Initiating Event:	Human Error
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## Contributing Factors

---

Equipment Failure:	N/A
Human Error:	Yes
Improper Procedures:	Yes
Overpressurization:	N/A
Upset Condition:	N/A
By-Pass Condition:	Yes
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

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Off-Site Responders Notified:	Notified Only
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## Changes Introduced as a Result of the Accident

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Improved or Upgraded Equipment:	Yes
Revised Maintenance:	N/A
Revised Training:	Yes
Revised Operating Procedures:	Yes
New Process Controls:	Yes
New Mitigation Systems:	Yes
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):	747
Percent Weight:	N/A
Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable
Quantity Released (lbs):	878
Percent Weight:	N/A
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

### Accident History ID: Accident 3

---

Date of Accident:	November 2014
Time Accident Began (HH:MM):	06:40
NAICS Code of Process Involved:	32411
NAICS Description:	Petroleum Refineries
Release Duration:	000 Hours 50 Minutes

### Release Event

---

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

### Release Source

---

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

### Weather Conditions at the Time of Event

---

Wind Speed:	11.0
Units:	Miles/h
Direction:	SSW
Temperature:	64
Atmospheric Stability Class:	N/A
Precipitation Present:	N/A
Unknown Weather Conditions:	N/A

### 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 (\$):	1500000

### 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:	N/A
Tree, Lawn, Shrub, or Crop Damage:	N/A
Water Contamination:	N/A
Soil Contamination:	N/A
Other Environmental Damage:	N/A

### Initiating Event

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Initiating Event:	Equipment Failure
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### Contributing Factors

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Equipment Failure:	N/A
Human Error:	N/A
Improper Procedures:	N/A
Overpressurization:	N/A
Upset Condition:	N/A
By-Pass Condition:	N/A
Maintenance Activity/Inactivity:	Yes
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

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Off-Site Responders Notified:	Notified and Responded
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## Changes Introduced as a Result of the Accident

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Improved or Upgraded Equipment:	Yes
Revised Maintenance:	N/A
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:	Yes
Reduced Inventory:	N/A
None:	N/A
Other Changes Introduced:	N/A

## Chemicals in Accident History

---

Quantity Released (lbs):	18000
Percent Weight:	N/A
Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable
Quantity Released (lbs):	1500
Percent Weight:	N/A
Chemical Name:	2-Pentene, (E)-
CAS Number:	646-04-8
Flammable/Toxic:	Flammable

## Section 9. Emergency Response

### Written Emergency Response (ER) Plan

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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

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

Calcasieu Parish-Emergency Prepared

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

(337) 433-3512