

## Section 1. Registration Information

### Source Identification

---

Facility Name:	US Steel Clairton Works
Parent Company #1 Name:	US Steel Corporation
Submission Type:	Resubmission
Receipt Date:	February 2021

### Facility Identification

---

Facility ID:	1000 0010 5717
--------------	----------------

### Dun and Bradstreet Numbers (DUNS)

---

Facility DUNS:	2028801
----------------	---------

### Facility Location Address

---

Street 1:	400 State Street
Street 2:	N/A
City:	Clairton
State:	PA
ZIP:	15025
ZIP4:	1855
County:	Allegheny

### Facility Latitude and Longitude

---

Latitude (decimal):	40.294722
Longitude (decimal):	-079.874444

### Local Emergency Planning Committee and Regulations

---

LEPC:	Allegheny County LEPC
OSHA PSM:	Yes
EPCRA 302:	Yes
CAA Title V:	N/A

## Process Chemicals

---

Program Level:	Program Level 3 process
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Flammable/Toxic:	Toxic

## Process NAICS

---

NAICS Code:	33111
NAICS Description:	Iron and Steel Mills and Ferroalloy Manufacturing

## Section 6. Accident History

### Accident History ID: Accident 1

---

Date of Accident:	February 2017
Time Accident Began (HH:MM):	12:15
NAICS Code of Process Involved:	33111
NAICS Description:	Iron and Steel Mills and Ferroalloy Manufacturing
Release Duration:	003 Hours 05 Minutes

## Release Event

---

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

## Release Source

---

Storage Vessel:	N/A
Piping:	N/A
Process Vessel:	Yes
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:	N/A
Units:	N/A
Direction:	N/A
Temperature:	N/A
Atmospheric Stability Class:	N/A
Precipitation Present:	N/A
Unknown Weather Conditions:	Yes

## 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:	N/A
Tree, Lawn, Shrub, or Crop Damage:	N/A
Water Contamination:	N/A
Soil Contamination:	N/A
Other Environmental Damage:	Spill release to river from facility outfall

## Initiating Event

---

Initiating Event:	Equipment Failure
-------------------	-------------------

## Contributing Factors

---

Equipment Failure:	Yes
Human Error:	N/A
Improper Procedures:	N/A
Overpressurization:	N/A
Upset Condition:	Yes
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:	Yes
Revised Maintenance:	N/A
Revised Training:	Yes
Revised Operating Procedures:	Yes
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):	100
Percent Weight:	5.2
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Flammable/Toxic:	Toxic

## Accident History ID: Accident 2

---

Date of Accident:	February 2016
Time Accident Began (HH:MM):	10:37
NAICS Code of Process Involved:	33111
NAICS Description:	Iron and Steel Mills and Ferroalloy Manufacturing
Release Duration:	000 Hours 05 Minutes

## Release Event

---

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

## Release Source

---

Storage Vessel:	N/A
Piping:	N/A
Process Vessel:	Yes
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:	N/A
Units:	N/A
Direction:	N/A
Temperature:	N/A
Atmospheric Stability Class:	N/A
Precipitation Present:	N/A
Unknown Weather Conditions:	Yes

## 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:	N/A
Tree, Lawn, Shrub, or Crop Damage:	N/A
Water Contamination:	N/A
Soil Contamination:	N/A
Other Environmental Damage:	Spill release that entered river through sewer drain to outfall

## 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:	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
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:	N/A
Reduced Inventory:	N/A
None:	N/A
Other Changes Introduced:	Replaced leaking valve and installed dike containment

## Chemicals in Accident History

---

Quantity Released (lbs):	2
Percent Weight:	5.2
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Flammable/Toxic:	Toxic

## 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):	City of Clairton
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(412) 233-6211