



U.S. Department of Transportation
Research and Special Programs Administration

Hazardous Materials Incident Report

Form Approval OMB No. 3137-0039

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 2137-0039. The filling out of this information is mandatory and will take 96 minutes to complete.

INSTRUCTIONS

Submit this report to the Information Systems Manager, U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Hazardous Materials Safety, DHM-63, Washington, D.C. 20590-0001. If space provided for any item is inadequate, use a separate sheet of paper, identifying the entry number being completed. Copies of this form and instructions can be obtained from the Office of Hazardous Materials Website at <http://hazmat.dot.gov>. If you have any questions, you can contact the Hazardous Materials Information Center at 1-800-HMR-4922 (1-800-467-4922) or online at <http://hazmat.dot.gov>.

PART I - REPORT TYPE

1. Incident Id: I-2007110150
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident: 10/15/2007
4. Time of Incident (use 24-hour time): 08:40
5. Enter National Response Center Report Number (if applicable): 851625
6. If you submitted a report to another Federal DOT agency, enter the agency and report number:
7. Location of Incident:
City: ATHENA
County: UMATILLA
State: OR
Zip Code: (if known): 97813
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
8. Mode of Transportation: Highway
9. Transportation Phase: Loading
10. Carrier/Reporter:
Name: WESTERN FARM SERVICE
Street: 134 E. SHERIDAN
City: ATHENA
State: OR
Zip Code: 97813
Federal DOT Id Number: 067240
Hazmat Registration Number: 061406553040OQ
11. Shipper/Officer:
Name: WESTERN FARM SERVICE
Street: 134 E. SHERIDAN
City: ATHENA
State: OR
Zip Code: 97813
Waybill/Shipping Paper: 43263
Hazmat Registration Number: 061406553040OQ
12. Origin (if different from shipper address)
Street:
City:
State:
Zip Code:
13. Destination:
Street: WATERMAN ROAD
City: ATHENA
State: OR
Zip Code: 97813
14. Proper Shipping Name of Hazardous Material: AMMONIA ANHYDROUS
15. Technical/Trade Name: ANHYDROUS AMMONIA
16. Hazardous Class/Division: Nonflammable Compressed Gas
17. Identification Number: (E.g. UN2764, NA 2020) UN1005

18. Packing Group: (if applicable)

19. Quantity Released: (Include Measurement Units) 9480 Gas - Pound

20. Was the material shipped as a hazardous waste? False

If yes, provide the EPA Manifest Number:

21. Is this a Toxic by Inhalation (TIH) material? False

If yes, provide the Hazard Zone:

22. Was the material shipped under an Exemption, Approval, or Competent Authority Certificate? False

If yes, provide the Exemption, Approval, or CA number:

23. Was this an undeclared hazardous materials shipment? False

PART III - PACKAGING INFORMATION

24. Check Packaging Type (check only one - if more than one, list type of packaging, copy Part III, and complete for each type:

Cargo Tank Motor Vehicle (CTMV)

25. See instructions and enter the appropriate failure codes found at the end of the instructions. Be sure to enter the codes from the list that corresponds to the particular packaging type checked above. Enter the number of codes as appropriate to describe the incident.

Enter the most important failure point in line 1. If there are more than two failure points, provide in this format in part VI.

What Failed: - 116-Excess Flow Valve

How Failed: - 306-Failed to Operate

Causes of Failure: - Loose Closure, Component, or Device

26a. Provide the packaging identification markings, if available.

Identification Markings: MC330

(Examples: 1A1/Y1.4/150/92/USA/RB/93/RL, UN31H1/Y0493/USA/M9339/10800/1200, DOT - 105A - 100W (RAIL), DOT 406 (HIGHWAY), DOT 51, DOT 3-A)

26b. For Non-bulk, IBC, or non-specification packaging, if identification markings are incomplete or unavailable, see instructions and complete the following:

Single Package or Outer Packaging:

Single Package or Inner Packaging (if any):

Packaging Type:
Material of Construction:
Head Type (Drums only):

Packaging Type:
Material of Construction:

27. Describe the package capacity and the quantity:

Single Package or Outer Packaging:

Single Package or Inner Packaging (if any):

Package Capacity:
Amount in Package:
Number in Shipment:
Number Failed:

Package Capacity:
Amount in Package:
Number in Shipment:
Number Failed:

28. Provide packaging construction and test information, as appropriate:

Manufacturer: BUEHLER/BUEHLER
Serial Number: B50253/B532083
Material of Construction: SA212 (if Tank Car, CTMV, Portable Tank, or Cylinder)
Design Pressure: 265 (if Tank Car, CTMV, Portable Tank)
Shell Thickness: 0.392 INCH (if Tank Car, CTMV, Portable Tank)
Head Thickness: 0.322 INCH (if Tank Car, CTMV)
Service Pressure: (if Cylinder)
If valve or device failed:
Type: INTERNAL EXCESS
Model: C421-16-00
Manufacturer: FISHER

Manufacture Date: 01/01/1978
Last Test Date: 05/25/2007

29. If the packaging is for Radioactive Materials, complete the following:

Packaging Category:
Packaging Certification:
Certification Number:
Nuclide(s) Present:
Activity:
Critical Safety Index:

Transport Index:

PART IV – CONSEQUENCES

30. Result of Incident (check all that apply):

- | | | | |
|---------------------------|-------|--|-------|
| - Spillage: | False | - Fire: | False |
| - Explosion: | False | - Material Entered Waterway/Storm Sewer: | False |
| - Vapor (Gas) Dispersion: | True | - Environmental Damage: | False |
| - No Release: | False | | |

31. Emergency Response: The following entities responded to the incident: (Check all that apply)

Fire/EMS Report #: True 2007-2348
Police Report #: False
In-house cleanup: False
Other Cleanup: False

32. Damages Was the total damage cost more than \$500?

True

If yes, enter the following information: (If no, go to question 33.)

Material Loss: \$ 2,040.00
Carrier Damage: \$ 0.00
Property Damage: \$ 0.00
Response Cost: \$ 0.00
Remediation/Cleanup Cost: \$ 0.00

(See damage definitions in the instructions)

33a. Did the hazardous material cause or contribute to a human fatality?

False

If yes, enter the number of fatalities resulting from the hazardous material:

Employees: 0
Responders: 0
General Public: 0

33b. Were there human fatalities that did not result from the hazardous material?

False

If yes, how many? 0

34. Did the hazardous material cause or contribute to personal injury?

True

If yes, enter the number of injuries resulting from the hazardous material:

Hospitalized (Admitted Only):

Employees: 0
Responders: 0
General Public: 0

Non-Hospitalized:

(e.g.: On site first aid or Emergency Room observation and release)

Employees: 1
Responders: 1
General Public: 9

35. Did the hazardous material cause or contribute to an evacuation?

True

If yes, provide the following information:

Total number of general public evacuated: 541
Total number of employees evacuated: 2
Total evacuated: 543
Duration of the evacuation: 3

36. Was a major transportation artery or facility closed?

True

If yes, how many? 1

37. Was the material involved in a crash or derailment?

False

If yes, provide the following information:

Estimated speed (mph):
Weather conditions:
Vehicle overturned?
Vehicle left roadway/track?

PART V - AIR INCIDENT INFORMATION (please refer to S 175.31 to report a discrepancy for air shipments)

38. Was the shipment on a passenger aircraft?

If yes, was it tendered as cargo, or as passenger baggage?

39. Where did the incident occur (if unknown, check the appropriate box for the location where the incident was discovered)?

40. What phase(s) had the shipment already undergone prior to the incident? (Check all that apply)

- | | |
|--|--|
| - Shipment had not been transported | - Transported by air (first flight) |
| - Transport by air (subsequent flights) | - Initial transport by highway to cargo facility |
| - Transfer at sort center/cargo facility | |

PART VI - DESCRIPTION OF EVENTS & PACKAGE FAILURE

- Describe the sequence of events that led to the incident and the actions taken at the time it was discovered. Describe the package failure, including the size and location of holes, cracks, etc. Photographs and diagrams should be submitted if needed for clarification. Estimate the duration of the release, if possible. Describe what was done to mitigate the effects of the release. Continue on additional sheets if necessary.

Describe:

EMPLOYEE HAS FINISHED FILLING AN AMMONIA NURSE TRUCK. HE PULLED AWAY FROM SCALE WITH A 2" FILL HOSE STILL ATTACHED. HE PULLED THE 2" VALVE OF THE TRUCK TANK. THE DRIVER PULLED THE EMERGENCY SHUT-OFF CABLE BUT IT FAILED TO CLOSE THE VALVES. EMERGENCY WAS CALLED AND EMPLOYEES EVACUATED THE BUILDING. THE RELEASE LASTED 10-15 MINUTES, BUT DUE TO COOL TEMPERATURES AND A WEATHER INVERSION THE AMMONIA CLOUD STAYED CLOSE TO THE GROUND. EMPLOYEES AND THE LOCAL VOLUNTEER FIRE DEPARTMENT WENT DOOR TO DOOR TO EVACUATE PEOPLE. TWO SCHOOLS WERE EVENTUALLY EVACUATED AN STATE ROUTE II WAS CLOSED FOR 1 HOUR.

PART VII - RECOMMENDATIONS/ACTIONS TAKEN TO PREVENT RECURRENCE

- Where you are able to do so, suggest or describe changes (such as additional training, use of better packaging, or improved operating procedures) to help prevent recurrence. Provide recommendations for improvement to hazardous materials transportation beyond the control of your individual company. Continue on additional sheets if necessary.

Describe:

- 1) REVIEWED SAFE LOADING AND UNLOADING PROCEDURES FOR NH3 WITH ALL EMPLOYEES.
- 2) IMPLEMENTED A NEW PROCEDURE FOR FILLING AMMONIA TRUCKS. KEYS WILL BE REMOVED FROM THE IGNITION. THE KEYS WILL BE PLACED ON A BOARD AT THE FILL HOSE STORAGE SIGHT DURING FILLING AND NOT REMOVED UNTIL FILL HOSE IS SECURED AT STORAGE SITE.
- 3) IMPLEMENTED NEW PROCEDURE FOR EMERGENCY SHUT OFF CABLE AND VALVE TESTING. AFTER LOADING EVERY AMMONIA NURSE TANK, USING THE EMERGENCY SHUT-OFF CABLE, THE EMERGENCY SHUT-OFF VALVE WILL BE CLOSED.
- 4) REINSTALLED THE QUICK DISCONNECT VALVE ON THE AMMONIA STORAGE LOAD-OUT LINE.
- 5) REDESIGNED THE EMERGENCY SHUT-OFF CABLE TO BOTH EMERGENCY SHUT-OFF VALVES SO THAT IT COULD NOT BECOME ROUND UP AND FAIL TO ACTIVATE THE VALVES.

PART VIII – CONTACT INFORMATION

Contact's Name:	DEAN PARKER
Contact's Title:	BRANCH MANAGER
Business Name and Address:	134 E SHERIDAN RD. ATHENA OR 97813
E-mail Address:	WFSI314@MSN.COM
Telephone Number:	541-566-3533
Fax Number:	541-566-2742
Hazmat Registration Number:	
Date:	10/26/2007
Preparer is:	

01/01/1978