



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-2013080250
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
07/17/2013

4. Time of Incident (use 24-hour time):
16:45

5. Enter National Response Center Report Number (if applicable):
1054215

6. If you submitted a report to another Federal DOT agency, enter the agency and report number:

7. Location of Incident:

City: PALMYRA
County: BURLINGTON
State: NJ
Zip Code: (if known): 08065

Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
ROUTE 73 & RIVER ROAD

8. Mode of Transportation: Highway

9. Transportation Phase: In Transit

10. Carrier/Reporter:

Name: AIRGAS USA LLC
Street: 31 N PEORIA AVE
City: TULSA
State: OK
Zip Code: 74120-1622
Federal DOT Id Number: 299712

Hazmat Registration Number: 051011600007TV

11. Shipper/Officer:

Name: AIRGAS USA LLC
Street: 31 N PEORIA AVE
City: TULSA
State: OK
Zip Code: 74120-1622
Waybill/Shipping Paper:

Hazmat Registration Number:

12. Origin (if different from shipper address)

Street: 270 BENIGNO BLVD
City: BELLMAWR
State: NJ
Zip Code: 08031

13. Destination:

Street: 270 BENIGNO BLVD
City: BELLMAWR
State: NJ
Zip Code: 08031

14. Proper Shipping Name of Hazardous Material: OXYGEN, REFRIGERATED LIQUID (CRYOGENIC LIQUID)

15. Technical/Trade Name: OXYGEN REFRIGERATED LIQUID

16. Hazardous Class/Division: Nonflammable Compressed Gas

17. Identification Number: (E.g. UN2764, NA 2020) UN1073

18. Packing Group: (if applicable)

19. Quantity Released: (Include Measurement Units) 1 Liquid - Gallon

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: - 141-Piping or Fittings

How Failed: - 309-Punctured

Causes of Failure: - Vehicular Crash or Accident Damage

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

Identification Markings: NO MARKINGS GIVEN

(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: 210 Liquid - Gallon
Amount in Package: 11 Liquid - Gallon
Number in Shipment: 1
Number Failed: 1

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

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

Manufacturer: WEST CRYOGENICS
Serial Number: WC21015
Material of Construction: (if Tank Car, CTMV, Portable Tank, or Cylinder)
Design Pressure: 65 PSI (if Tank Car, CTMV, Portable Tank)
Shell Thickness: (if Tank Car, CTMV, Portable Tank)
Head Thickness: (if Tank Car, CTMV)
Service Pressure: (if Cylinder)
If valve or device failed:
Type:
Model:
Manufacturer:

Manufacture Date:
Last Test Date:

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

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

Fire/EMS Report #: True
Police Report #: True 20133744
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: \$ 0.00
Carrier Damage: \$ 15,000.00
Property Damage: \$ 10,000.00
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:
Responders:
General Public:

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

False

If yes, how many?

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

False

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

Hospitalized (Admitted Only):

Employees:
Responders:
General Public:

Non-Hospitalized:

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

Employees:
Responders:
General Public:

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

False

If yes, provide the following information:

Total number of general public evacuated:
Total number of employees evacuated:
Total evacuated:
Duration of the evacuation:

36. Was a major transportation artery or facility closed?

True

If yes, how many?

2

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

True

If yes, provide the following information:

Estimated speed (mph): 50
Weather conditions: DRY
Vehicle overturned? False
Vehicle left roadway/track? False

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:

AT APPROXIMATELY 4:45PM, ON JULY 17, 2013, THE AIRGAS USA, LLC DRIVER WAS FINISHING HIS SHIFT AFTER MAKING DELIVERIES IN THE NORTHEAST PHILADELPHIA AREA WHEN HE COLLIDED WITH THE BACK OF A SLOW MOVING STREET SWEEPER. THE DRIVER WAS ON HIS WAY BACK TO THE BELLMAWR, NJ APM PLANT OPERATING A COMPANY-OWN 2009 GMC CAB OVER, 6 WHEEL BOX TRUCK (PURLTAN PLUS). THE TRUCK WAS TRANSPORTING A 210 GALLON TANK OF LIQUID OXYGEN AND NUMEROUS EA OXYGEN CYLINDERS. AS A RESULT OF THE ACCIDENT, 1 (1) ONE INCH LINE COMING OFF THE BOTTOM OF THE 210 GALLON TANK WAS PUNCTURE RELEASING LESS THAN 1 GALLON OF GASEOUS OXYGEN INTO THE ATMOSPHERE. LOCAL RESPONDERS WERE ABLE TO STOP AND SECURE THE LEAK. THE VEHICLE REMAINED SECURED AT THE ACCIDENT SCENE UNTIL AIRGAS USA, LLC EMERGENCY RESPONSE PERSONNEL ARRIVED TO INSPECT THE PORTABLE TANK TO ENSURE THE VEHICLE WAS SAFE FOR REMOVAL FROM THE ACCIDENT SCENE. THE VEHICLE CONTAINING THE PORTABLE TANK WAS REMOVED TO A SALVAGE YARD WITH NO FURTHER MATERIAL RELEASE. BOTH THE DRIVER OF THE AIRGAS USA, LLC AND THE DRIVER OF THE STREET SWEEPER WERE TRANSPORTED TO THE HOSPITAL, TREATED, AND RELEASED THE SAME DAY.

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:

NO COMMENTS PROVIDED.

PART VIII – CONTACT INFORMATION

Contact's Name:	THOMAS K HANUS
Contact's Title:	VICE PRESIDENT SAFETY & COMPLIANCE
Business Name and Address:	AIRGAS USA LLC 850 CASSATT ROAD STE 110 BERWYN PA 19312
E-mail Address:	TOM.HANUS@AIRGAS.COM
Telephone Number:	215 384 8221
Fax Number:	484 913 9735
Hazmat Registration Number:	051011600007TV
Date:	08/13/2013
Preparer is:	Carrier