



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-2024060026  
2. This is to report: A

### PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:  
05/07/2024
4. Time of Incident (use 24-hour time):  
16:10
5. Enter National Response Center Report Number (if applicable):
6. If you submitted a report to another Federal DOT agency, enter the agency and report number:
7. Location of Incident:
- City: Sun Prairie  
County: DANE  
State: WI  
Zip Code: (if known): 53590  
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:  
2832 PRAIRIE LAKES DRIVE
8. Mode of Transportation: Highway
9. Transportation Phase: Unloading
10. Carrier/Reporter:
- Name: AMERICAN WELDING & GAS, INC.  
Street: 759 NEWTOWN PIKE  
City: LEXINGTON  
State: KY  
Zip Code: 40511-1853  
Federal DOT Id Number: Hazmat Registration Number: 050922550150EG
11. Shipper/Officer:
- Name: AMERICAN WELDING AND GAS  
Street: 13180 W SILVER SPRING RD N56  
City: Menomonee Falls  
State: WI  
Zip Code: 53051  
Waybill/Shipping Paper: 7989295  
Hazmat Registration Number: 050922550150EG
12. Origin (if different from shipper address)
- Street:  
City:  
State:  
Zip Code:
13. Destination:
- Street: 2828 PRAIRIE LAKES DRIVE  
City: Sun Prairie  
State: WI  
Zip Code: 53590
14. Proper Shipping Name of Hazardous Material: CARBON DIOXIDE, REFRIGERATED LIQUID
15. Technical/Trade Name: LIQUID CARBON DIOXIDE
16. Hazardous Class/Division: Nonflammable Compressed Gas
17. Identification Number: (E.g. UN2764, NA 2020) UN2187

**18. Packing Group:** (if applicable)

**19. Quantity Released:** (Include Measurement Units) 4000 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: - 158-Vapor Valve

How Failed: - 313-Vented

Causes of Failure: - Human Error

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

Identification Markings: DOT SPEC MC331

(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: TOMCO  
Serial Number: 4034  
Material of Construction: (if Tank Car, CTMV, Portable Tank, or Cylinder)  
Design Pressure: 350 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: 02/11/1994  
Last Test Date: 09/13/2023

**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 24-189960  
Police Report #: False  
In-house cleanup: False  
Other Cleanup: False

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

False

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

Material Loss: \$ 0.00  
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:  
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: 0  
Duration of the evacuation:

### 36. Was a major transportation artery or facility closed?

False

If yes, how many?

### 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:

Driver finished C02 customer fill process. While fill hose was being retracted on hose reel, it unexpectedly contacted the vapor ball valve and it inadvertently opened causing Carbon Dioxide to vent out of the delivery vehicle. Driver could not visually locate vapor ball valve due to carbon dioxide cloud. Driver's supervisor instructed driver to move vehicle to open area so cloud could dissipate. Local fire department was contacted by witness. Fire department showed up on scene and assisted with closing vapor ball valve which stopped the uncontrolled release of carbon dioxide. The total event took approximately 40 minutes.

## 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:

other pieces of equipment.

## PART VIII - CONTACT INFORMATION

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Contact's Name:             | JEFF HERSICK                            |
| Contact's Title:            | DIRECTOR OF OPERATIONS AND DISTRIBUTION |
| Business Name and Address:  | AMERICAN WELDING AND GAS                |
|                             | 1575 WINCHESTER RD Lexington LA 40505   |
| E-mail Address:             | jeff.hersick@awggases.com               |
| Telephone Number:           | (574)-930-0896                          |
| Fax Number:                 |                                         |
| Hazmat Registration Number: |                                         |
| Date:                       | 05/30/2024                              |
| Preparer is:                | Other - Regional Management Office      |

02/11/1994