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-2018100137
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
07/24/2018

4. Time of Incident (use 24-hour time):
09:00

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: GLOUCESTER
County: GLOUCESTER
State: VA
Zip Code: (if known): 23061
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
6262 MAIN STREET

8. Mode of Transportation: Highway

9. Transportation Phase: In Transit

10. Carrier/Reporter:
Name: PHILLIPS ENERGY, INC.
Street: 2586 GEORGE WASH MEM HWY
City: HAYES
State: VA
Zip Code: 23072-3570
Federal DOT Id Number: 644548
Hazmat Registration Number:

11. Shipper/Offeror:
Name: PHILLIPS ENERGY, INC.
Street: 2586 GEORGE WASH MEM HWY
City: HAYES
State: VA
Zip Code: 23072-3570
Waybill/Shipping Paper:
Hazmat Registration Number:

12. Origin (if different from shipper address)
Street:
City:
State:
Zip Code:

13. Destination:
Street: VARIOUS DELIVERY LOCATIONS
City: GLOUCESTER
State: VA
Zip Code: 23061

14. Proper Shipping Name of Hazardous Material: LIQUEFIED PETROLEUM GAS

15. Technical/Trade Name: ODORIZED PROPANE

16. Hazardous Class/Division: Flammable Gas

17. Identification Number: (E.g. UN2764, NA 2020) UN1075

18. Packing Group: (if applicable)

19. Quantity Released: (Include Measurement Units) 800 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: - 144-Pressure Relief Valve or Device - Reclosing
How Failed: - 312-Torn Off or Damaged
Causes of Failure: - Broken Component or Device

26a. Provide the packaging identification markings, if available.
Identification Markings: MC 331
(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:	Packaging Type:
Material of Construction:	Material of Construction:
Head Type (Drums only):	

27. Describe the package capacity and the quantity:

Single Package or Outer Packaging:		**Single Package or Inner Packaging (if any):**	
Package Capacity:	3000 Liquid - Gallon	Package Capacity:	
Amount in Package:	2100 Liquid - Gallon	Amount in Package:	
Number in Shipment:	1	Number in Shipment:	
Number Failed:		Number Failed:	

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

Manufacturer:	TEXAS WELDING & MANUFACTURING CO.	Manufacture Date:	06/20/1979
Serial Number:	72290	Last Test Date:	
Material of Construction:	STEEL (if Tank Car, CTMV, Portable Tank, or Cylinder)		
Design Pressure:	250 PSI (if Tank Car, CTMV, Portable Tank)		
Shell Thickness:	0.468 INCH (if Tank Car, CTMV, Portable Tank)		
Head Thickness:	0.259 INCH (if Tank Car, CTMV)		
Service Pressure:	(if Cylinder)		

If valve or device failed:
Type: RELIEF VALVE
Model: MEV200FIR
Manufacturer: MARSHALL EXCELSIOR

29. If the packaging is for Radioactive Materials, complete the following:
Packaging Category:
Packaging Certification:
Certification Number:
Nuclide(s) Present:
Transport Index:
Activity:
Critical Safety 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
Police Report #:	True
In-house cleanup:	True
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:	$ 800.00
Carrier Damage:	$ 25,000.00
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? True

If yes, provide the following information:

Total number of general public evacuated:	5
Total number of employees evacuated:	1
Total evacuated:	6
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 WAS MAKING PROPANE DELIVERIES. IN BETWEEN DELIVERIES, WHILE DRIVING FROM ONE STOP TO THE NEXT, PROPANE BEGAN LEAKING FROM THE TOP OF THE TANK. THE DRIVER SPOKE WITH COMPANY OWNER, PARKED IN SAFEST PLACE POSSIBLE AND CONTRACTED 911. DRIVER EVACUATED THE TRUCK AND THE STREET AROUND WHERE THE TRUCK WAS PARKED. POLICE AND EMS BLOCKED THE ROAD AND EVACUATED HOMES CLOSE TO THE TRUCK. POLICE AND EMS CUT POWER TO THE HOMES CLOSE TO THE TRUCK. EMS CONTACTED VIRGINIA EMERGENCY MANAGEMENT. VA EMS TOOK OVER THE SCENE AND CONTACTED NN HAZMAT TEAM. WE ATTEMPTED TO PUMP THE TANK BUT WERE UNABLE TO DO SO DUE TO LACK OF PRESSURE IN THE VESSEL. WE RELOCATED THE TRUCK TO AN OPEN AREA APPROXIMATELY 5 MILES AWAY. WE ATTEMPTED TO PUMP THE TANK BUT WERE UNABLE TO DO SO DUE TO LACK OF PRESSURE IN THE VESSEL. WE CONTACTED THE AUTHORIZED SERVICE CENTER WHO HANDLES OUR PROPANE TRUCK INSPECTIONS AND REPAIRS. THEIR MECHANIC CAME TO THE SCENE, REMOVED THE RELIEF VALVE AND PLUGGED THE TOP OF THE TANK. WE DELIVERED THE TRUCK TO THE AUTHORIZED SERVICE CENTER FOR INVESTIGATION AND IT WAS DEEMED THAT HE BAFFLE HIT THE BOTTOM OF THE RELIEF VALVE CAUSING IT TO BLOW APART, RESULTING IN THE LEAK.

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:

INCIDENT WAS UNPREVENTABLE. TRUCK AND TANK HAVE HAD ALL REQUIRED INSPECTIONS.

PART VIII – CONTACT INFORMATION

Contact's Name:	JOHN PHILLIPS
Contact's Title:	PRESIDENT
Business Name and Address:	PHILLIPS ENERGY INC 2586 GEORGE WASHINGTON MEM HWY HAYES VA 23072
E-mail Address:	JPHILLIPS@PEIFUELS.COM
Telephone Number:	804-642-2166
Fax Number:	804-642-0244
Hazmat Registration Number:	
Date:	08/21/2018
Preparer is:	Carrier

06/20/1979