

# Hazardous Materials Incident Reporting

Hazmat Seminar

Gary Flores, HM Inspector





Reporting Requirements are found in the following area's:

- 49 C.F.R. 171.15
- 49 C.F.R. 171.16
- 49 C.F.R. 225

# Reporting Railroad Incidents

## Immediate Notification Continued

§225.9

*(No later than 12 hours after the occurrence of an incident)*

### National Response Center

(800) 424-8802 or (800) 424-0201

Types of accidents / incidents and other events to be reported:

✓ **Train accidents or Incidents that require Immediate notification:**

- Train accident that involves serious injury of 2 or more train crew members or passengers requiring hospitalization.
- Train accident that result in the evacuation of a passenger train.
- A fatality resulting from a railroad / highway grade crossing when death occurs within 24 hours of the incident.
- A train accident resulting in damage (based on preliminary gross estimates) of \$150, 000.00 or more to railroad and or non-railroad property.
- A train accident resulting in damage of \$25,000.00 or more to a passenger train, including railroad and non-railroad property.

# Reporting Hazmat Incidents to DOT in Writing

Railroad Company  
111 Main St.  
New York City, NY



Information Systems Mgr., PHH-63  
Pipeline & Hazardous Materials Safety Admin.  
Dept. of Transportation  
Washington, DC 20590-0001

**§171.16**

Each person in physical possession of a hazardous material at the time an incident occurs during transportation (including loading, unloading and temporary storage) must submit a Hazardous Materials Incident Report on DOT Form F5800.1 **within 30 days of discovery** of the incident.

**Records maintained  
for 2 years**

## Includes:

1. Any incident requiring an “immediate notification” to DOT.
2. An unintentional release of hazmat *or* the discharge of any quantity of a hazardous waste.
3. An “undeclared” hazardous material is discovered (*any quantity*).
4. A cargo tank (*highway*) with a capacity >1000 gals suffers structural damage.

# Exceptions to Written Detailed DOT Form F5800.1 Reporting

§171.16(d)

Except for incidents requiring immediate notification, the following types of incidents do **not** require a detailed written report (*F5800.1*):

- ✓ A minimal release from a vent; routine operation of a seal, pump, compressor or valve; connecting or disconnecting from a loading/unloading line that does **not** result in property damage. (*Per PHMSA, a minimal release is a pint or less*)
- ✓ Minimal unintentional releases of ORM-D or PG III material in Class 3, 4, 5, 6.1, 8 or 9, if each **package** < 5.2 gals (20 L) for liquids or < 66 lbs. (30 kg) for solids & the **aggregate release** is < 5.2 gals (liquid) or < 66 lbs (solid).
- ✓ The exception does **not** apply to a hazardous waste, undeclared HM or shipments by air.

# PHMSA's Guide for Preparing Hazardous Materials Incidents Reports (F5800.1)



U.S. Department  
of Transportation

Research and  
Special Programs  
Administration

## Guide for Preparing Hazardous Materials Incidents Reports



Revised January 2004  
Supersedes Previous Edition

### Failure Codes for All Packaging Types—Complete List

Code	What Failed	Code	How Failed
101	Air Inlet	301	Abraded
102	Auxiliary Valve	302	Bent
103	Basic Material	303	Burst or Ruptured
104	Body	304	Cracked
105	Bolts or Nuts	305	Crushed
106	Bottom Outlet Valve	306	Failed to Operate
107	Check Valve	307	Gouged or Cut
108	Chime	308	Leaked
109	Closure (e.g., Cap, Top, or Plug)	309	Punctured
110	Cover	310	Ripped or Torn
111	Cylinder Neck or Shoulder	311	Structural
112	Cylinder Sidewall - Near Base	312	Tom Off or Damaged
113	Cylinder Sidewall - Other	313	Vented
114	Cylinder Valve		
115	Discharge Valve or Coupling	<b>Code</b>	<b>Cause(s) of Failure</b>
116	Escape Flow Valve	501	Abrasion
117	Hill Hole	502	Broken Component or Device
118	Flange	503	Commodity Self-Ignition
119	Frangible Disc	504	Commodity Polymerization
120	Fusible Pressure Relief Device or Element	505	Conveyor or Material Handling Equipment Mishap
121	Gasket	506	Corrosion - Exterior
122	Gauging Device	507	Corrosion - Interior
123	Heater Coil	508	Defective Component or Device
124	High Level Sensor	509	Darallment
125	Hose	510	Deterioration or Aging
126	Hose Adaptor or Coupling	511	Dropped
127	Inlet (Loading) Valve	512	Fires, Temperature, or Heat
128	Inner Packaging	513	Forklift Accident
129	Inner Receptacle	514	Freezing
130	Lifting Feature	515	Human Error
131	Lifting Lug	516	Impact with Sharp or Protruding Object (e.g., nails)
132	liner	517	Improper Preparation for Transportation
133	Liquid Line		
134	Liquid Valve	518	Inadequate Accident Damage Protection
135	Loading or Unloading Lines	519	Inadequate Blocking and Bracing
136	Locking Bar	520	Inadequate Maintenance
137	Manway or Dome Cover	521	Inadequate Preparation for Transportation
138	Mounting Studs	522	Inadequate Procedures
139	O-Ring or Seals	523	Inadequate Training
140	Outer Frame	524	Incompatible Product
141	Piping or Fittings	525	Incorrectly Sized Component or Device
142	Piping Shear Section	526	Loose Closure, Component, or Device
143	Pressure Relief Valve or Device - Non-Ractating	527	Misaligned Material, Component, or Device
144	Pressure Relief Valve or Device - Ractating	528	Missing Component or Device
145	Remote Control Device	529	Overfilled
146	Sample Line	530	Overpressurized
147	Stub Sill (Tank Car)	531	Rollover Accident
148	Sump	532	Stub Sill Separation from Tank (Tank Cars)
149	Tank Head	533	Threads Worn or Cross Threaded
150	Tank Shell	534	Too Much Weight on Package
151	Thermometer Well	535	Valve Open
152	Threaded Connection	536	Vandalism
153	Vacuum Relief Valve	537	Vehicular Crash or Accident
154	Valve Body	538	Water Damage
155	Valve Seat		
156	Valve Spring		
157	Valve Stem		
158	Vapor Valve		
159	Vent		
160	Washout		
161	Weld or Seam		

### Failure Codes by Packaging Type General Non-bulk and IBCs

Code	What Failed	Code	How Failed
103	Basic Material	301	Abraded
104	Body	302	Bent
105	Bolts or Nuts	303	Burst or Ruptured
108	Chime	304	Cracked
109	Closure (e.g., Cap, Top, or Plug)	305	Crushed
110	Cover	306	Failed to Operate
111	Frangible Disc	307	Gouged or Cut
119	Fusible Pressure Relief Device or Element	308	Leaked
121	Gasket	309	Punctured
125	Hose	310	Ripped or Torn
128	Inner Packaging	311	Structural
129	Inner Receptacle	312	Tom Off or Damaged
130	Lifting Feature	313	Vented
132	liner		
140	Outer Frame		
143	Pressure Relief Valve or Device - Non-Ractating		
144	Pressure Relief Valve or Device - Ractating		
161	Weld or Seam		
		<b>Code</b>	<b>How Failed</b>
		301	Abraded
		302	Bent
		303	Burst or Ruptured
		304	Cracked
		305	Crushed
		306	Failed to Operate
		307	Gouged or Cut
		308	Leaked
		309	Punctured
		310	Ripped or Torn
		311	Structural
		312	Tom Off or Damaged
		313	Vented
		<b>Code</b>	<b>Cause(s) of Failure</b>
		501	Abrasion
		503	Commodity Self-Ignition
		504	Commodity Polymerization
		505	Conveyor or Material Handling Equipment Mishap
		506	Corrosion - Exterior
		507	Corrosion - Interior
		508	Defective Component or Device
		510	Deterioration or Aging
		511	Dropped
		513	Forklift Accident
		514	Freezing
		515	Human Error
		516	Impact with Sharp or Protruding Object (e.g., nails)
		517	Improper Preparation for Transportation
		521	Inadequate Preparation for Transportation
		522	Inadequate Procedures
		523	Inadequate Training
		524	Incompatible Product
		525	Incorrectly Sized Component or Device
		526	Loose Closure, Component, or Device
		527	Misaligned Material, Component, or Device
		528	Missing Component or Device
		529	Overfilled
		530	Overpressurized
		531	Rollover Accident
		532	Stub Sill Separation from Tank (Tank Cars)
		533	Threads Worn or Cross Threaded
		534	Too Much Weight on Package
		535	Valve Open
		536	Vandalism
		537	Vehicular Crash or Accident
		538	Water Damage

# DOT F 5800.1 Form

Report  
Type

General  
Information

Page 1 of 4

U.S. Department of Transportation  
Pipeline and Hazardous Materials  
Safety Administration

## Hazardous Materials Incident Report

Form Approval OMB No. 2127-0039

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 2127-0039. The filing 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. This is to report:  A) A hazardous material incident  B) An undeclared shipment with no release  
 C) A specification cargo tank 1,000 gallons or greater containing any hazardous materials that (1) received structural damage to the lading retention system or damage that requires repair to a system intended to protect the lading retention system and (2) did not have a release.

2. Indicate whether this is:  An initial report  A supplemental (follow-up) report  Additional Pages

### PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident: \_\_\_\_\_ 4. Time of Incident (use 24-hour time): \_\_\_\_\_

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: \_\_\_\_\_ County: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code (if known): \_\_\_\_\_  
Street Address/Mile Marker/Yardname/Airport/Body of Water/River Mile \_\_\_\_\_

8. Mode of Transportation  Air  Highway  Rail  Water

9. Transportation Phase  In Transit  Loading  Unloading  In Transit Storage

10. Carrier/Reporter Name \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_  
Federal DOT ID Number \_\_\_\_\_ Hazmat Registration Number \_\_\_\_\_

11. Shipper/Officer Name \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_  
Waybill/Shipping Paper \_\_\_\_\_ Hazmat Registration Number \_\_\_\_\_

12. Origin (if different from shipper address) Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_

13. Destination Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_

14. Proper Shipping Name of Hazardous Material: \_\_\_\_\_

15. Technical/Trade Name: \_\_\_\_\_

16. Hazardous Class/Division: \_\_\_\_\_ 17. Identification Number: \_\_\_\_\_ 18. Packing Group: \_\_\_\_\_ 19. Quantity Released: \_\_\_\_\_  
(E.g. UN2769, NA 2020) (if applicable) (Include Measurement Units)

20. Was the material shipped as a hazardous waste?  Yes  No If yes, provide the EPA Manifest Number: \_\_\_\_\_

21. Is this a Toxic by Inhalation (TIH) material?  Yes  No If yes, provide the Hazard Zone: \_\_\_\_\_

22. Was the material shipped under an Exemption, Approval, or Competent Authority Certificate?  Yes  No  
If yes, provide the Exemption, Approval, or CA number: \_\_\_\_\_

23. Was this an undeclared hazardous materials shipment?  Yes  No

Form DOT F 5800.1 (01-2004) Page 1 Reproduction of this form is permitted

# DOT F 5800.1 Form

- What Failed
- How Failed
- Cause of Failure

Page 2 of 4

## 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:

- Non-bulk       IBC       Cargo tank Motor Vehicle (CTMV)       Tank Car  
 Cylinder       RAM       Portable Tank       Other \_\_\_\_\_

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.

1. What Failed: \_\_\_\_\_ How Failed: \_\_\_\_\_ Causes of Failure: \_\_\_\_\_  
2. What Failed: \_\_\_\_\_ How Failed: \_\_\_\_\_ Causes of Failure: \_\_\_\_\_

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

Identification Markings: \_\_\_\_\_

(Example: 1A1/Y1.4/150/52/USA/RE/52/RL, UN21H1/Y0482/USA/M3229/10800/1200, DOT - 105A - 100W (RAIL), DOT 406 (HIGHWAY), DOT S1, 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:

Packaging Type: \_\_\_\_\_  
Material of Construction: \_\_\_\_\_  
Head Type (Drums only):  Removable  Non-Removable

Single Package or Inner Packaging (if any):

Packaging Type: \_\_\_\_\_  
Material of Construction: \_\_\_\_\_

27. Describe the package capacity and the quantity:

Single Package or Outer Packaging:

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

Single Package or Inner Packaging (if any):

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

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

Manufacturer: \_\_\_\_\_ Manufacture Date: \_\_\_\_\_  
Serial Number: \_\_\_\_\_ Last Test Date: \_\_\_\_\_  
Material of Construction: \_\_\_\_\_ (if Tank Car, CTMV, Portable Tank, or Cylinder)  
Design Pressure: \_\_\_\_\_ (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: \_\_\_\_\_ Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_  
(if present and legible) (if present and legible)

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

Packaging Category:  Type A  Type B  Type C  Excepted  Industrial  
Packaging Certification:  Self Certified  U.S. Certification Certification Number \_\_\_\_\_  
Nucleides Present: \_\_\_\_\_ Transport Index: \_\_\_\_\_  
Activity: \_\_\_\_\_ Critical Safety Index: \_\_\_\_\_

# DOT F 5800.1 Form

## Packaging Information

- Type
- Car Number
- Specification

Page 2 of 4

### 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:

- Non-bulk       IBC       Cargo tank Motor Vehicle (CTMV)       Tank Car  
 Cylinder       RAM       Portable Tank       Other \_\_\_\_\_

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.

1. What Failed: \_\_\_\_\_ How Failed: \_\_\_\_\_ Causes of Failure: \_\_\_\_\_  
 2. What Failed: \_\_\_\_\_ How Failed: \_\_\_\_\_ Causes of Failure: \_\_\_\_\_

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

Identification Markings: \_\_\_\_\_

(Example: 1A1/Y1.4/150/92/USA/RE/52/RL, UN21H1/Y0492/USA/M3229/10800/1200, DOT - 105A - 100W (RAIL), DOT 496 (HIGHWAY), DOT S1, 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:

Packaging Type: \_\_\_\_\_  
 Material of Construction: \_\_\_\_\_  
 Head Type (Drums only):  Removable  Non-Removable

Single Package or Inner Packaging (if any):

Packaging Type: \_\_\_\_\_  
 Material of Construction: \_\_\_\_\_

27. Describe the package capacity and the quantity:

Single Package or Outer Packaging:

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

Single Package or Inner Packaging (if any):

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

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

Manufacturer: \_\_\_\_\_ Manufacture Date: \_\_\_\_\_  
 Serial Number: \_\_\_\_\_ Last Test Date: \_\_\_\_\_  
 Material of Construction: \_\_\_\_\_ (if Tank Car, CTMV, Portable Tank, or Cylinder)  
 Design Pressure: \_\_\_\_\_ (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: \_\_\_\_\_ Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_  
 (if present and legible) (if present and legible)

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

Packaging Category:  Type A  Type B  Type C  Excepted  Industrial  
 Packaging Certification:  Self Certified  U.S. Certification Certification Number: \_\_\_\_\_  
 Nucleides Present: \_\_\_\_\_ Transport Index: \_\_\_\_\_  
 Activity: \_\_\_\_\_ Critical Safety Index: \_\_\_\_\_

# DOT F 5800.1 Form

## Consequences

- Damages \$\$\$
- Fatalities
- Injuries
- Evacuations

Disregard  
Part V

Page 3 of 4

### PART IV - CONSEQUENCES

30. Result of Incident (check all that apply):  Spillage  Fire  Explosion  Material Entered Waterway/Storm Sewer  
 Vapor (Gas) Dispersion  Environmental Damage  No Release

31. Emergency Response: The following entities responded to the incident: (Check all that apply)  
 Fire/EMS Report # \_\_\_\_\_  Police Report # \_\_\_\_\_  In-house cleanup  Other Cleanup

32. Damages: Was the total damage cost more than \$500?  Yes  No  
If yes, enter the following information: If no, go to question 33.  
Material Loss: \$ \_\_\_\_\_ Carrier Damage: \$ \_\_\_\_\_ Property Damage: \$ \_\_\_\_\_ Response Cost: \$ \_\_\_\_\_ Remediation/Cleanup Cost: \$ \_\_\_\_\_  
(See damage definitions in the instructions)

33a. Did the hazardous material cause or contribute to a human fatality?  Yes  No  
If yes, enter the number of fatalities resulting from the hazardous material:  
Fatalties: Employees \_\_\_\_\_ Responders \_\_\_\_\_ General Public \_\_\_\_\_

33b. Were there human fatalities that did not result from the hazardous material?  Yes  No If yes, how many? \_\_\_\_\_

34. Did the hazardous material cause or contribute to personal injury?  Yes  No  
If yes, enter the number of injuries resulting from the hazardous material:  
Hospitalized (Admitted Only): Employees \_\_\_\_\_ Responders \_\_\_\_\_ General Public \_\_\_\_\_  
Non-Hospitalized: Employees \_\_\_\_\_ Responders \_\_\_\_\_ General Public \_\_\_\_\_  
(e.g.: On site first aid or Emergency Room observation and release)

35. Did the hazardous material cause or contribute to an evacuation?  Yes  No  
If yes, provide the following information:  
Total number of general public evacuated \_\_\_\_\_ Total number of employees evacuated \_\_\_\_\_ Total Evacuated \_\_\_\_\_  
Duration of the evacuation \_\_\_\_\_ (hours)

36. Was a major transportation artery or facility closed?  Yes  No If yes, how many? \_\_\_\_\_ (hours)

37. Was the material involved in a crash or derailment?  Yes  No  
If yes, provide the following information: Estimated speed (mph): \_\_\_\_\_ Weather conditions: \_\_\_\_\_  
Vehicle overturn?  Yes  No  
Vehicle left roadway/track?  Yes  No

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

38. Was the shipment on a passenger aircraft?  Yes  No  
If yes, was it tendered as cargo, or as passenger baggage?  
 Cargo  Passenger baggage

39. Where did the incident occur (if unknown, check the appropriate box for the location where the incident was discovered)?  
 Air carrier cargo facility  Sort center  Baggage area  
 By surface to/from airport  During flight  During loading/unloading of aircraft

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

# DOT F 5800.1 Form

Narrative  
Of  
What Happened

How To Keep From  
Happening Again

Who Filled Out  
Report

Page 4 of 4

## 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.

## 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.

## PART VIII - CONTACT INFORMATION

Contact's Name (Type or Print):  Telephone Number: ( )   
Contact's Title:  Fax Number: ( )   
Business Name and Address:  Hazmat Registration Number (if not already provided):   
E-mail Address:  Unit:   
Preparer is:  Carrier  Shipper  Facility  Other

# Updating the F5800.1 Incident Report

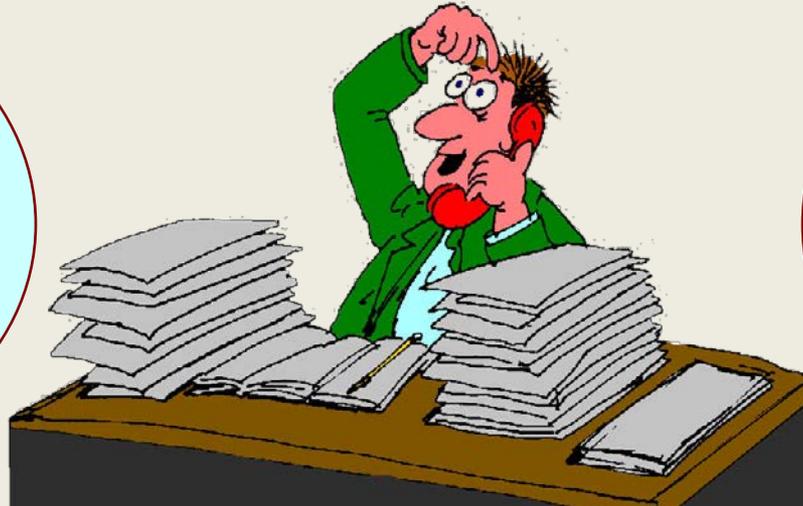
§171.16(c)



A Hazardous Materials Incident Report must be **updated** within one year of the date of occurrence of the incident whenever:

- (1) A **death** results from injury caused by a hazardous material.
- (2) There was **misidentification** of the hazardous material or **package information** on a prior incident report.
- (3) Damage, loss or related cost that was **not known** when the initial incident report was filed becomes known; *or*
- (4) Damage, loss or related cost **changes by \$25,000 or more**, or **10% of the prior total estimate**, whichever is greater.

Failure to file an F5800.1 report with DOT = \$4000.00 penalty guideline – *App. B to Part 209*



Failure to provide immediate notice of certain HM incidents = \$6000.00 penalty guideline – *App. B to Part 209*

# www.phmsa.dot.gov

PHMSA  
U.S. Department of Transportation  
Pipeline and Hazardous  
Materials Safety Administration

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The Office of Hazardous Materials Safety is the Federal safety authority for ensuring the safe transport of hazardous materials by air, rail, highway, and water. Menu look different? [Check out the Menu Changes \(DOC\)](#) to get oriented.



<p><b>About Us</b> Information about PHMSA's Office of Hazardous Materials Safety.</p> <p><b>Electronic Services</b> Available online services.</p> <p><b>Grants &amp; State Programs</b> Financial and technical assistance for hazardous materials emergency planning and training.</p> <p><b>Interpretations</b> PHMSA provides review and interpretation of regulations upon request. View by date, regulation, or search term.</p> <p><b>Registration</b> Are you required to be registered? If so, how do you go about it?</p> <p><b>Special Permits &amp; Approvals</b> Alternatives to HMR requirements.</p>	<p><b>Calendar</b> Planned events specific to Hazardous Materials general and specific topics.</p> <p><b>Enforcement</b> Inspection and enforcement ensuring compliance with United States law.</p> <p><b>Hazardous Materials Information Center</b> 1-800-HMR-4922 Mon to Fri 9 to 5 EST (202-366-4488 for Washington DC residents)</p> <p><b>Library</b> Available files, reports, documents, and <b>publications</b>.</p> <p><b>Risk Management</b> Identifying and managing risks of transportation of hazmat in commerce.</p> <p><b>Training &amp; Outreach</b> Training information, who needs it, and how to obtain it.</p>	<p><b>Contact Us</b> How to connect with us for more information, requests, and questions.</p> <p><b>FAQs</b> Frequently Asked Questions about Hazardous Materials information and training.</p> <p><b>Incident Reporting</b> Notification and reporting requirements.</p> <p><b>NTSB Safety Recommendations</b> PHMSA is required by law to respond to recommendations issued by NTSB.</p> <p><b>Rules &amp; Regulations</b> What are the rules and how do they apply to me?</p>	<p><b>Data &amp; Statistics</b> Accidents and incidents as well as average, annual, and summary statistics.</p> <p><b>Glossary</b> Hazardous Materials terms and definitions.</p> <p><b>International Standards</b> Forums to harmonize United States and international standards and regulations.</p> <p><b>Preemption Index</b> Preemption is the displacing effect that Federal law has on a conflicting or inconsistent state law.</p> <p><b>Security</b> Enhancing hazardous materials transportation safety and security.</p>
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Do you know the difference between Special Permits & Approvals ?

- DOT F5800.1 HM incident reporting
- HM Information
- Interpretations
- HM Registration
- Incident data
- Publications
- DOT Special Permits
- etc.

Home

Get a Question?

About PHMSA

- Mission and Goals
- About the Agency
- Key Officials
- Organization
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Promoting Safety & Security

- Regulations
- Special Permits & Approvals
- International Standards

Latest News

**FRAUD ALERT - Bogus Requests for Financial Information**

PHMSA Focus Fall/Winter 2007 Edition

Press Release 01-08  
Carl T. Johnson Begins Role as New Pipeline and Hazardous Materials Safety Administration Administrator

PHMSA Press Release 11-07  
**UPDATE:** US DOT Hazmat Safety Rule to Place Limits on Lithium Batteries Carried by Passengers Aboard Aircraft Effective January 1, 2008

PHMSA Press Release 07-07  
DOT Grants \$12.8 Million to First Responders and Emergency Workers to Improve Hazardous Materials Planning and Training

Travel Resources

Tips on how to safely pack and transport batteries, battery-powered devices, and other personal items when traveling.

**SafeTravel**  
SAFETY TIPS FOR TRAVELERS

What Has Changed?

A description of significant changes made to this site recently or since the last deployment.

Welcome to the New Improved PHMSA Web

# Quick Review:

Where are the reporting requirements found?

-49 C.F.R. 171.15

-49 C.F.R. 171.16

-49 C.F.R. 225.09

What form is used to give written notification?

-DOT 5800.1



# Four most common errors on a DOT 5800.1 Report are?:

1. Mode Of Transportation
2. Package Type
3. Car Number
4. Specification

# Reporting Hazmat Incidents

## Immediate Notification

§171.15

*(No later than 12 hours after the occurrence of an incident)*

### National Response Center

(800) 424-8802 or (202) 267-2675



As a direct result of hazmat:

- ✓ A person is killed or,
- ✓ Injury requiring hospitalization
- ✓ Evacuation lasting > 1 hr.
- ✓ Major artery or facility closed > 1hr.
- ✓ Radioactive contamination
- ✓ Etiologic contamination
- ✓ Release of a Marine Pollutant > 119 gals (liquid) or 882 lbs. (solid)

# Reporting Railroad Incidents

## Immediate Notification

§225.9

*(No later than 12 hours after the occurrence of an incident)*

### National Response Center

(800) 424-8802 or (800) 424-0201

Types of accidents / incidents and other events to be reported:

- ✓ **Certain deaths or Injuries:**
  - Death of a rail passenger or a railroad employee
  - Death of an employee of a contractor performing work for the railroad on railroad property.
  - Death or Injury of 5 or more persons.
- ✓ **Train accidents on or fouling passenger service mainlines**
  - That involves a collision or derailment on a mainline that is used for scheduled passenger service.
  - That at fouls the main line used for scheduled passenger service

# Questions on reporting hazmat incidents ?

