

IATA DGR 53rd Edition Now Available

The International Air Transport Association (IATA) has released their 2012 edition of the Dangerous Goods Regulations (DGR) for the safe transport of hazardous materials (dangerous goods) by air. Their list of major changes can be found at: http://www.iata.org/whatwedo/cargo/dangerous_goods/Documents/DGR53_SignificantChanges.pdf There are no major changes to the transport requirements for class 7 radioactive material by air. Some minor changes to note:

- IATA now allows an alternative to striking out the non-applicable aircraft limitation (cargo and/or passenger) and shipment types (radioactive or non-radioactive) when using a computer generated shipper's declaration by just listing the aircraft allowed and shipment type.
- Federal Express has added requirements in their operator variation FX-03 for pre-approval on all Class 7 shipments originating from a non-USA location and all fissile shipments worldwide. Also, FedEx has added in FX-18 that Class 7 shipper's declarations do not require to be generated by a software program.
- United Airlines has removed all their Class 7 operator variations.
- IATA added notes that the airport of departure and destination blocks are optional and may be left blank.



New Webinar Offerings – Coming Soon

The EnergySolutions Training organization is a leader in Hazmat Transportation Training. Our classroom courses



still continue to be a large part of our offerings, but times are changing. In an effort to change with the times, many of our courses are now being offered as Computer Based Training (CBT) courses.

While this is a great way for a student to take training at their pace, some customers would like to have an option that integrates both the convenience of CBT with the interaction of a classroom. GoTo Training™ will be our new platform allowing us to create, schedule, and deliver quality training for our customers. All of the screen sharing and writing abilities still exist. We are also given the ability to share materials and create tests within this new format. Once we have delivered the training we can save that session and share it with others. These new features will help us reach a larger customer base and enhance the offerings that we already have. This will by no means replace our other forms of training, but will make us a well rounded organization and help us to reach customers that are looking for innovative ways to train their employees.

Webinar Classes
Coming Soon



Recent Industry Issues



Interesting class 7 radioactive placard we have here!?! Where should the yellow triangle be and how big should it be? We are allowed to use hinged-type placards per 49 CFR 172.516(e) if the required format in 172.556 for a radioactive placard are maintained. Even if this is installed permanently on a trailer, who is at fault for allowing this placard to be used during transportation?

What are those dark gooey stains running down the side of the drum on the front right of this picture? Should we put liquids in a packaging designed for solids? (See 49 CFR 173.24(e)(5) for compatibility and 173.24a(b) for filling limits) These drums were certified and tested only for solids or liquids contained in inner packagings. We can tell by the UN packaging marking: 1A2/Y300/S/USA/M5146/02R. (See 49 CFR 178 Subpart L for the full explanation) The "S" indicates that it was designed for solids. DOT also mentions that all our class 7 packages must be "leakproof." (See 49 CFR 173.24(b) & (f) and 173.410)



What is that grey stuff around or on that orange panel? Will that meet the black outer border requirements specified in 49 CFR 172.332(b)? Should the required placard be in close proximity to this orange panel? [See 173.334(f)] Was the orange panel even needed for this exclusive use shipment containing a <math><A_2</math> quantity of low specific activity (LSA) put in a general design packaging using the 173.427(a)(6)(vi) marking and labeling exceptions? You can apply more markings than required, but they must be done right.



New Rulings in the Federal Register

On **October 31, 2011** (76 FR 67229), the U.S. Nuclear Regulatory Commission (NRC) published the list of governors' designees receiving advance notification of transportation of certain shipments of nuclear waste and spent fuel. The advance notification covered in 10 CFR Part 73 is for spent nuclear reactor fuel shipments and the notification for 10 CFR 71.97 is for highway route controlled quantity shipments of radioactive waste (and of spent nuclear reactor fuel not covered under the final amendment to 10 CFR Part 73). This list updates the names, addresses, and telephone numbers of those individuals in each State who are responsible for receiving information on these shipments. Current State contact information can also be accessed throughout the year at <http://nrc-stp.ornl.gov/special/designee.pdf>.

On **September 21, 2011** (76 FR 58543), the NRC published a second request for public comments on a draft Policy Statement on Volume Reduction and Low-Level Radioactive Waste (LLRW) Management that updates the 1981 Policy Statement on LLRW Volume Reduction. The revised Policy Statement acknowledges that volume reduction continues to be important, but that risk informed, performance-based approaches to managing waste are also needed to safely manage LLRW. Public comments and supporting materials related to this notice can be found at <http://www.regulations.gov> by searching on Docket ID NRC-2011-0183.

On **September 15, 2011** (76 FR 57008), the Pipeline and Hazardous Materials Safety Administration (PHMSA) published a notice of proposed rulemaking (NPRM) amending its existing airline smoking rule to explicitly ban the use of electronic cigarettes on all passenger aircraft DOT is taking this action because of the increased promotion of electronic cigarettes and the potential health and passenger comfort concerns that they pose in an aircraft. The Department is also considering whether to extend the ban on smoking (including electronic cigarettes) to charter flights.

On **September 13, 2011** (76 FR 56304), the PHMSA published a final ruling amending the HMR to correct editorial errors, make minor regulatory changes and, in response to requests for clarification, improves the clarity of certain provisions in the Hazardous Materials Regulations. The intended effect of this rule is to enhance the accuracy and reduce misunderstandings of the regulations. The amendments contained in this rule are non-substantive changes and do not impose new requirements. This final rule was effective on September 13, 2011.

On **September 8, 2011** (76 FR 55736), the PHMSA published a safety advisory to notify the public of the unauthorized marking of certain of high and low-pressure compressed gas fire extinguishers, by Atlas Fire Protection located at 7425 Sewells Point Road, Norfolk, VA. Anyone in possession of a cylinder that was serviced by Atlas and marked with a Requalifier Identification Number (RIN) B243 during the test dates of 2007 through 2011 should consider the cylinder unsafe and not fill it with a hazardous material unless the cylinder is first properly requalified by a DOT approved requalification facility. Cylinders subject to this advisory that are filled should be safely discharged. Prior to refilling, the cylinders should be taken to a DOT approved cylinder requalification facility to ensure their suitability for continued service.

On **August 30, 2011** (76 FR 5399), the PHMSA published a safety notice to remind the public of the importance of adhering to Federal requirements when offering and transporting hazardous materials in DOT Special Permit (SP) packages. PHMSA is concerned that many persons who offer or transport SP packages fail to recognize the additional requirements applicable to filling, offering, and moving SP packages. By issuing this safety notice, PHMSA is attempting to raise awareness within the hazardous materials community of the inherent characteristics of DOT SPs and underscore the possible consequences of failing to recognize an SP package and react accordingly.

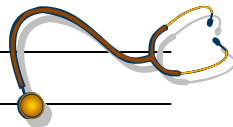
Frequently Asked Questions

Our FAQ topic for this quarter is about the general design packaging requirements.

- ◆ If a packaging has a drain plug, does the plug need to meet the valve requirements and also have a tamper seal? **Reference # 05-0227**
No. A drain plug is not a mechanical device or an opening needing a seal.
- ◆ Do the terms “bulk” and “non-bulk” apply to 173.410 Class 7 packagings? **Reference # 06-0201**
Yes. These packagings must include the size-specific requirements in 173.24a for non-bulk and 173.24b for bulk packagings as appropriate.
- ◆ When would an offeror need to re-evaluate a packaging design? **Reference # 06-0201**
When there is a change in structural design, material size of construction, wall thickness, manner of construction, or package contents (change in activity amount, form of material, etc.).
- ◆ Would a material with radionuclides, but Class 7 material exempt need to be packaged in at least a 173.24 packaging? **Reference # 11-0038**
No. This material is exempt from the Class 7 packaging requirements.
- ◆ Can a packaging have a vent cap to meet the venting requirement in 173.24(g)(2)? **Reference # 09-0067**
Yes.

To access any DOT letters of interpretation, go to: <http://www.phmsa.dot.gov/hazmat> Then, click on: “Interpretations” Next, you can search by entering the reference number in the search box or search by the applicable regulatory section number, or search by the published date. Do not forget that you have these internet addresses (and many more) in a Word document on our training class CD handout.

Medical Certificate Record Update



Federal Motor Carrier Safety Administration (FMCSA) is proposing to keep in effect until January 30, 2014, the requirement that interstate drivers subject to the commercial driver’s license (CDL) regulations and the Federal physical qualification requirements must retain a paper copy on his or her person of the medical examiner’s certificate as required in 49 CFR 391.43(h), or a copy, as valid proof of medical certification. Interstate motor carriers would also be required to retain a copy of the medical certificate in the driver qualification files, as specified in 49 CFR 391.51(b)(7). This action is being taken to ensure the medical qualification of CDL holders until all States are able to post the medical self-certification and medical examiner’s certificate data on the Commercial Driver’s License Information System (CDLIS) driver record. The proposed rule published on June 14, 2011 (76 FR 34635) would not, however, extend the mandatory dates for States to comply with the requirement to collect and to post to the CDLIS driver record data from a CDL holder’s medical self-certification and medical examiner’s certificate.

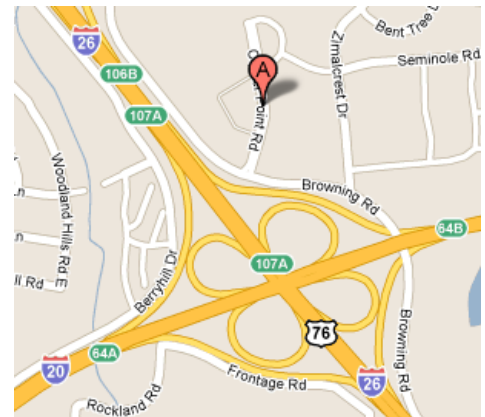
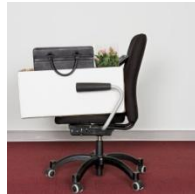


The Columbia, South Carolina office will be moving to a new office complex in December of 2011. The new address will be:

EnergySolutions
Suite 100, Center Point II,
100 Center Point Circle
Columbia, SC 29210



Our phone numbers and email addresses should remain the same if you need to contact us during our move.



2012 NRC/DOT Experienced Shipper Refresher Training

Mark your calendars for our 3-Day NRC/DOT Radioactive Waste Packaging, Transportation and Disposal Refresher classes for experienced shippers. These also include an opportunity for Load Securing training on Monday and IATA for Radioactive Material training on Friday during the same week, plus an optional tour of the facilities you ship to at EnergySolutions.

Hotel Class Location
Oak Ridge, Tennessee
Aiken, South Carolina
Salt Lake City, Utah

Dates
March 12 – 15
July 9 – 10
September 10 – 15

Facility Tour Location
Bear Creek Processing
Barnwell Disposal
Clive Disposal



Course	Date	Duration	Tuition	Location
All courses meet both DOE and DOT requirements.				
General Awareness	1/04/12	8 Hrs	\$480	Richland, WA
HRCQ	1/05/12	4 Hrs	\$360	Richland, WA
Basic Hazardous Material (Mod 1)	1/09-11/12	20 Hrs	\$745 *	Richland, WA
Basic Hazardous Waste (Mod 2)	1/11/12	4 Hrs	\$360 *	Richland, WA
Basic Rad Material (Mod 3)	1/12-13/12	12 Hrs	\$600 *	Richland, WA
Basic Hazardous Material (Mod 1)	1/09-11/12	20 Hrs	\$745 *	Las Vegas, NV
Basic Hazardous Waste (Mod 2)	1/11/12	4 Hrs	\$360 *	Las Vegas, NV
Basic Rad Material (Mod 3)	1/12-13/12	12 Hrs	\$600 *	Las Vegas, NV
Load Securement	1/11/12	4 Hrs	\$360	Richland, WA
Hazmat Drivers	1/13/12	4 Hrs	\$360	Las Vegas, NV
General Awareness	1/19/12	8 Hrs	\$480	Richland, WA
Advanced Mixed Waste	1/23-26/12	21 Hrs	\$1,110	Las Vegas, NV
Hazmat Drivers	1/24/12	4 Hrs	\$360	Richland, WA
IATA	1/24-26/12	24 Hrs	\$1,160	Richland, WA
Load Securement	1/25/12	4 Hrs	\$360	Richland, WA
General Awareness	2/07/12	8 Hrs	\$480	Las Vegas, NV
FMCSR for Drivers	2/08/12	8 Hrs	\$480	Las Vegas, NV
Hazmat Drivers	2/09/12	4 Hrs	\$360	Richland, WA
Hazmat Drivers	2/09/12	4 Hrs	\$360	Las Vegas, NV
Load Securement	2/09/12	4 Hrs	\$360	Las Vegas, NV
HRCQ	2/14/12	4 Hrs	\$360	Richland, WA
Advanced Hazardous Waste	2/14-16/12	24 Hrs	\$990	Richland, WA
General Awareness	2/15/12	8 Hrs	\$480	Richland, WA
Load Securement	2/15/12	4 Hrs	\$360	Richland, WA
FMCSR for Drivers	2/16/12	8 Hrs	\$480	Richland, WA
General Packaging	2/28/12	8 Hrs	\$480	Richland, WA
Load Securement	2/28/12	4 Hrs	\$360	Richland, WA
General Awareness	2/29/12	8 Hrs	\$480	Richland, WA
Hazmat Drivers	3/1/12	4 Hrs	\$360	Richland, WA
IATA	3/06-08/12	24 Hrs	\$1,160	Las Vegas, NV
Load Securement	3/07/12	4 Hrs	\$360	Richland, WA
Adv Radioactive Material	3/13-15/12	24 Hrs	\$990	Richland, WA
FMCSR for Drivers	3/20/12	8 Hrs	\$480	Richland, WA
FMCSR for Managers	3/20-21/12	16 Hrs	\$745	Richland, WA
Reasonable Suspicion	3/22/12	4 Hrs	\$360	Richland, WA
HRCQ	3/28/12	4 Hrs	\$360	Richland, WA
These courses also meet the requirements of NRC IE Notice 79-19 and DOT Subpart H.				
NRC/DOT Hazardous Waste/Mixed Waste Packaging, Transportation & Disposal	1/30 – 2/2	32 Hrs	\$1795	Oak Ridge, TN
Air Transport of Radioactive Materials (IATA)	2/3	4 Hrs	\$695	Oak Ridge, TN
Load Securing for Radioactive Materials	2/3	4 Hrs	\$495	Oak Ridge, TN
NRC/DOT Radioactive Waste Packaging, Transportation & Disposal Training	2/13 – 16	32 Hrs	\$1695	Mt. Pleasant, SC
Air Transport of Radioactive Materials (IATA)	2/17	4 Hrs	\$695	Mt. Pleasant, SC
Load Securing for Radioactive Materials	2/17	4 Hrs	\$495	Mt. Pleasant, SC
Load Securing for Radioactive Materials	3/12	8 Hrs	\$495	Oak Ridge, TN
NRC/DOT Experienced Radioactive Waste Shipper Refresher Training	3/13 – 15	24 Hrs	\$1595	Oak Ridge, TN
Bear Creek Processing Facilities Tour	TBA			
Air Transport of Radioactive Materials (IATA)	3/16	8 Hrs	\$695	Oak Ridge, TN



Escape Winter Chills and Attend a Class at One of Three Exciting Locations:

San Diego, California – February 8-9

Las Vegas, Nevada – February 22-23

Tampa, Florida – March 14-15



Sign up Now for One or Both to Reserve Your Spot!

Two Classes \$795.00

- 1 Person, Both Classes
- 2 People, 1 Class Each

Save Even More!

2 People, Both Classes \$1,495



EnergySolutions • Training and Development • 2345 Stevens Drive • Richland, WA 99354

To Register for These Courses Contact:

Jennifer Keszler

(509) 375-9507

jkeszler@energysolutions.com



ATLANTA

April 18 - 19, 2012



SEATTLE

May 16 - 17, 2012



CHICAGO

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We're Offering Two New Classes at Three Convenient Locations

Day 1

\$495.00

Transportation of Limited Quantities and Consumer Commodities by Air, Highway, and Vessel

Day 2

\$495.00

Transport of Lithium Batteries by Air/Highway



*Sign up
Now
for One or Both
to Reserve
Your Spot!*

Two Classes \$795.00

- 1 Person, Both Classes
- 2 People, 1 Class Each

Save Even More!

2 People, Both Classes \$1,495



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