

Commercial Vehicle Safety Alliance



North American Standard Level VI Inspection Program Update: Ensuring Safe Transportation of Radioactive Material

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www.cvsa.org

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SAFETY *Is What We Do Everyday*

Level VI Training

- 9 basic classes/year held in various states
- Prerequisites: CVSA Level I and HAZMAT certified
- Industry attends course
- To date 122 classes/2072 attendees
- Currently 768 certified Level VI inspectors in 38 states, Canada, and federal



Level VI Training

- National instructors are volunteer and certified Level VI inspectors
- Annual review of training curriculum
- Inspector maintains certification with 8 hours of refresher training every 2 years
- Train the trainer: state representatives trained to conduct their own refresher courses to meet certification requirements




Training Schedule

- Current Level VI Training Schedule
 - Austin, Texas – November 8-11, 2010
 - Carlsbad, New Mexico – November 16-19, 2010 (Industry Awareness Course)
 - Carlsbad, New Mexico – December 13-16, 2010
 - Austin, Texas – January 12-13, 2011 (Level VI “Train the Trainer” Course)
 - New Braintree, Massachusetts – March 21-24, 2011
 - Salina, Kansas – July 11-14, 2011
 - Sacramento, California - October 17-20, 2011



Level VI Inspection Results

- Reports on Level VI inspection results are published regularly. All reports are available on the CVSA website:
 1. Go to CVSA homepage, www.cvsa.org
 2. Select “Programs” at top of page
 3. Select “North American Standard Level VI Inspection Program” link 
 4. Select “CVSA/WIPP Updates & Reports” link

Level VI Inspection Results

- Latest report to be published soon reviews data from January 1, 2008 to December 31, 2009
 - Most Level VI inspection data are on WIPP shipments
 - Summary of WIPP shipment inspections (Mar 1999 – Dec 2009):
14,817 inspections/ 1,128 with violations*
 - Comparison of Level VI inspection data for WIPP and non-WIPP shipments
 - Comparison of Level VI and FMCSA inspection data

* preliminary results

Level VI Inspection Results

CVSA Level VI Inspection Data for WIPP Shipments (January 1, 2009 – December 31, 2009)				
Inspection Activity	Number	Percent	Level I OOS Percent	Level VI OOS Percent
Number of Inspections	2,145			
With no Violations	2,045	95.34%		
With Violations	100	4.66%		
Driver OOS** Rate	0	0.00%	0.00%	0.00%
Vehicle OOS Rate	19	0.88%	0.23%	0.65%

CVSA Level VI Inspection Data for Non-WIPP Shipments (January 1, 2009 – December 31, 2009)				
Inspection Activity	Number	Percent	Level I OOS Percent	Level VI OOS Percent
Number of Inspections	227			
With no Violations	202	88.99%		
With Violations	25	11.01%		
Driver OOS Rate	0	0.00%	0.00%	0.00%
Vehicle OOS Rate	2	0.88%	0.88%	0.00%

FMCSA Roadside Inspection Data for the Year 2009*			FMCSA HAZMAT Inspection Data for the Year 2009*		
Inspection Activity	Number	Percent	Inspection Activity	Number	Percent
Number of Inspections	3,558,909		Number of Inspections	223,012	
With no Violations	1,198,692	33.68%	With no Violations	N/A	N/A
With Violations	2,360,217	66.32%	With Violations	N/A	N/A
Driver OOS** Rate	192,006 †	5.55%	OOS Rate	10,212	4.58%
Vehicle OOS Rate	502,867 †	21.24%			

† The number of inspections is a combination of some Driver, some Vehicle and some combination of both. The OOS Rates are for only those types of inspections.

*Data Source: FMCSA Motor Carrier Management Information System (MCMIS) August 27, 2010 data snapshot

<http://ai.fmcsa.dot.gov/SafetyProgram/RoadsideInspections.aspx>

**OOS = Out-of-Service

Level VI Program Peer Reviews

- Purpose is to identify and share best practices
- Peer Review Activities
 - Teams selected from CVSA Level VI Program Committee, Council of State Governments Northeast and Midwest, SSEB, WGA, DOE, and WIPP carriers
 - 7 states visited: South Carolina, Tennessee, Illinois, Colorado, New Mexico, Washington, Michigan
 - Report published in January 2007 (available on CVSA's website)
 - Two additional visits scheduled for 2011

Level VI Program Outreach

- Goals
 - Educate public on successful Level VI Program
 - Provide information on shipments of transuranic waste and HRCQ
- Tools
 - Display unit
 - Publications
 - Presentations
- Since 2005 over 44 events (conferences, workshops, meetings) attended





Public Outreach Program Schedule

- Contractors Transportation Management Association (CTMA)
June 6-10, 2011 – Destin, Florida
- National Association of County Officials (NACO)
July 16-20, 2011 – Reno, Nevada

Conclusions

- Certified Level VI inspectors capable of inspection of HRCQ radioactive material and transuranic waste
- Level VI Outreach Program provides information on transportation of radioactive materials to states and public
- Level VI Inspection Program works with states, DOE, and dedicated motor carriers for safe transportation of radioactive materials



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