

# Commercial Vehicle Safety Alliance



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

Larry Stern

Director, CVSA Level VI Program

Email: [larrys@cvsa.org](mailto:larrys@cvsa.org)

Phone: 301-830-6147

**SEGURIDAD**

**SAFETY** *Is What We Do Everyday*





# CVSA Levels of Inspections

## Level I

Full inspection

## Level II

Walk Around – Driver – Vehicle

## Level III

Driver - Paperwork

## Level IV

Special Project – Generally focus on one item

# CVSA Levels of Inspections

Level V

Vehicle Only

Level VI

Enhanced

Level VII

Jurisdictional Mandated



# Level VI Training

- 8 basic classes/year held in various states
- Prerequisites: CVSA Level I and HAZMAT certified
- Industry attends course
- To date 130 classes/2199 attendees
- Currently 788 certified Level VI inspectors in 44 states, Puerto Rico, 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
- Train the trainer course changes

# Training Schedule

- Current Level VI Training Schedule
  - Springfield, Illinois – June 18-21, 2012
  - Scranton, Pennsylvania – October 1-4, 2012
  - Sacramento, California – October 15-18, 2012
  - Austin, TX – November 5-8, 2012





# Level VI Inspection Data

- Level VI Inspection data now available from FMCSA's Analysis & Information Online website
- Options to view national data and state by state data
- To access:
  - Go to “Roadside Inspections”  
<http://ai.fmcsa.dot.gov/SafetyProgram/RoadsideInspections.aspx>
  - Select “Level VI Inspection” or “Level VI Violation” from menu on left

# 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](http://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

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	2,166			
With no Violations	2,066	95.38%		
With Violations	100	4.62%		
Driver OOS* Rate	0	0.00%	0.00%	0.00%
Vehicle OOS Rate	19	0.88%	0.65%	0.23%

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

\*\*\*N/A = Data not available

# 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
  - 8 states visited: South Carolina, Tennessee, Illinois, Colorado, New Mexico (twice), Washington, Michigan, Idaho
  - Initial report published in January 2007 (available on CVSA website)
  - Two additional visits in 2011 - updated report available May 2012

# Level VI Program Outreach

- Goals
  - Educate public on successful Level VI Program
  - Provide information on shipments of transuranic waste and HRCQ
- Tools
  - Display Unit
  - Presentations
  - Publications
  - Website
- Since 2005 over 48 events (conferences, workshops, meetings) attended



# Public Outreach Program Schedule

- Contractors Transportation Management Association (CTMA)  
June 4-8, 2012 – Reno, Nevada
- National Association of County Officials (NACO) July 13-17, 2012 – Pittsburgh, Pennsylvania
- National Conference of State Legislatures (NCSL) August 6-9, 2012 – Chicago, Illinois



# Level VI Inspection Program Meetings

- Meets twice a year
  - CVSA Spring Workshop
  - CVSA Annual Conference
- Carlisle Smith - Chair  
Bill Reese - Vice Chair
- Vote on major changes to Level VI Inspection and Out-of-Service Criteria
- Focus on WIPP and HRCQ shipments in U.S.

# Significant Accomplishments

- ANSI N14.36 Standard Development
  - Four year project
  - Standard for methods of radiation and contamination measurement in packaging and transportation of radioactive material
- Safety and Security Technologies Study
  - Examination of current and emerging technologies
  - Applicable areas
    - Inspection
    - Security
    - Electronic Shipping Papers
    - Shipping & Tracking
    - Dose Measurement & Isotope Quantification



# Commercial Vehicle Safety Alliance



## QUESTIONS?

Larry Stern

Director, CVSA Level VI Program

Email: [larrys@cvsa.org](mailto:larrys@cvsa.org)

Phone: 301-830-6147

SÉCURITÉ

SEGURIDAD

**SAFETY** *Is What We Do Everyday*