

International Summit on Agricultural and Food Transportation

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To protect against the risks to life, property, and the environment that are inherent in the transportation of hazardous material in intrastate, interstate, and foreign commerce.

FMCSA's Hazardous Materials (HM) Division

- **Develop Policies and Procedures for Conducting:**
 - **Hazardous Materials Carrier Compliance Activities**
 - **Hazardous Materials Shipper Compliance Reviews**
 - **Cargo Tank Facility Compliance Reviews**
 - **Security Contact Reviews**
 - **HM Roadside Inspections**
- **Works with DOT Agencies and HM Industry**
- **Conduct HM Related Research and Analysis**

Hazardous Materials Safety Permit (HMSP)

- Section 5109 of the Hazardous Materials Transportation law (49 U.S.C. 5101) requires the U.S. DOT to issue regulations for Safety Permits for transporting certain hazardous materials (1990)
- Final Rule effective January 1, 2005

Hazardous Materials Safety Permit (HMSP) 49 CFR Part 385 Subpart E

- **FMCSA issuing HMSP since January 3, 2005**
 - **HMSP Qualifying Criteria:**
 - **Satisfactory Safety Rating**
 - **Satisfactory Security Program**
 - **Crash Rate**
 - **Driver, Vehicle and Hazardous Materials out-of-service percentage**
 - **Registration with the PHMSA**
 - **Insurance/Financial requirements**

Federal Motor Carrier Safety Administration

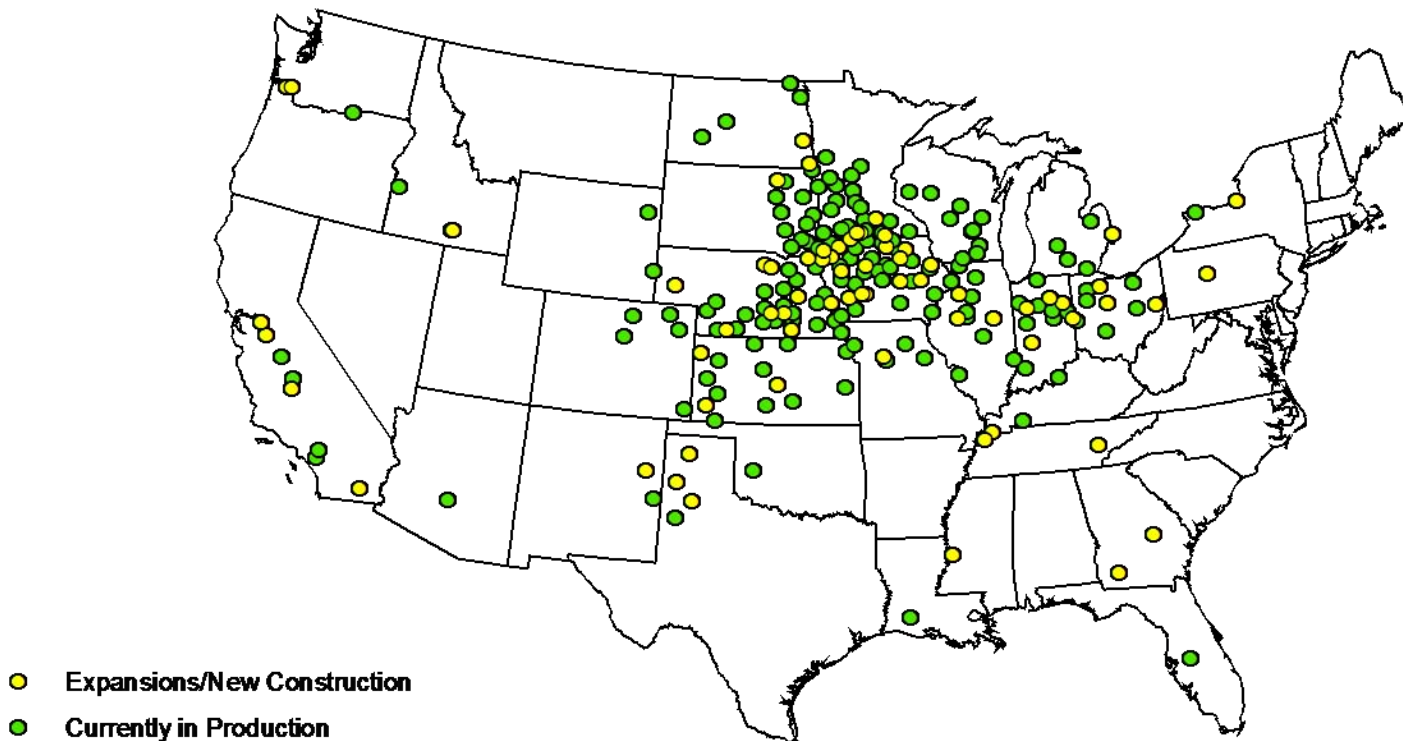
TOP 3 DRIVER, VEHICLE, HAZMAT OOS VIOLATIONS (2008†)		All Domiciles	U.S.	Mexico	Canada
D R I V E R	395.3a2 - 15 Hour Rule Violation	15.2%	14.9%	6.9%	28.1%
	395.8k2 – Driver Failing To Retain Previous 7 Days Logs	14.1%	14.3%	8.9%	8.3%
	395.8a - No Drivers Record Of Duty Status	12.9%	13.1%	15.4%	4.9%
V E H I C L E	393.47e - Clamp/Roto Type Brake(s) Out-Of-Adjustment	7.9%	7.7%	11.6%	4.0%
	393.48a - Inoperative/Defective Brakes	5.3%	5.4%	4.2%	2.9%
	396.3a1 - Inspection/Repair And Maintenance	5.2%	5.2%	5.7%	4.9%
H A Z M A T	177.834a - Package Not Secure In Vehicle	31.2%	30.9%	40.7%	36.0%
	177.817a – No Shipping Papers (Carrier)	14.2%	14.5%	7.3%	4.8%
	172.504a - Vehicle Not Placarded As Required	11.5%	11.4%	4.1%	22.4%

Anhydrous Ammonia (NH_3)

- **NH_3 Transportation**
- **Listed on MCS-150B**
- **Requires HM Safety Permit**
- **Insurance Requirement**



Between 2001 and 2007, U.S. fuel ethanol production capacity grew 220% from 1.9 billion to 6.1 billion gallons.



Cargo Tank Program

- Responsibility
- Background
- HM Cargo Tank Research



Cargo Tank Population

- There are over:
 - 19,000 motor carriers that own or lease HM Cargo Tanks
 - 81,000 HM Cargo Tank Trucks
 - 163,000 HM Cargo Tank Trailers
- What does this means for us?

Federal Motor Carrier Safety Administration

- **Leaks**
- **Seal degradation**
- **Site Glass Problems**



When it does not go well...



Cargo Tank Rollover Outreach

- Rollovers accounted for 42 percent of injuries from single vehicle large truck crashes between 2001 and 2005.
- Fifty-two percent of truck occupant fatalities involve a rollover crash.
- While rollovers account for twenty-four percent of all HM crashes, they account for seventy-five percent of all HM spills.
- FMCSA is in the process of creating an outreach tool to provide to industry to minimize cargo tank rollovers.

Sanitary Food Transportation Act of 2005

Requires the Secretary of DOT, in consultation with HHS and USDA, to establish procedures for transportation safety inspections to identify suspected incidents of food contamination or adulteration.

Summary

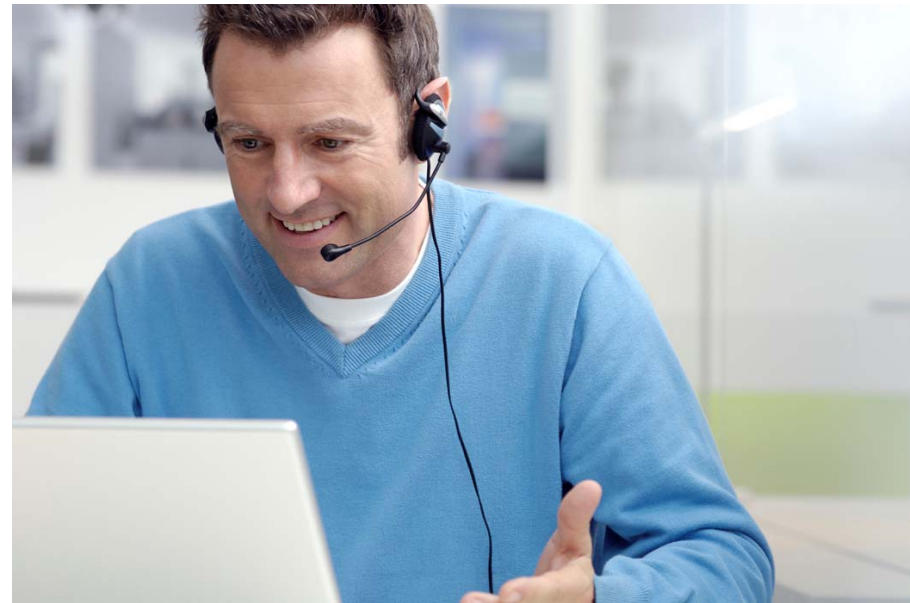
- Roles in the transportation of Hazardous Materials (HM) requires communication.
- Hazardous Materials Safety Permit (HMSP) is needed for certain HM transported.
- HM transportation in cargo tanks and other packages must be done safely to ensure compliance.
- HM regulations change regularly and information can be obtained...

Websites & Telephone

- www.fmcsa.dot.gov
- hazmat.dot.gov

or by contacting

- **FMCSA HM Division:**
202-366-6121
- **PHMSA HM Information Center:**
1-800-467-4922



Thank You

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