**HAZARDOUS MATERIALS (HM) ENTRY-LEVEL DRIVER TRAINING (ELDT) MODULE**

* **BASIC INDUCTORY HM REQUIREMENTS**

The trainee will learn the basic hazardous materials (HM) entry-level driver training (ELDT) competencies including applicability requirements and when HM is in transportation, and will be further trained in the HM communication requirements including: shipping paper requirements; marking; labeling; placarding; emergency response information; and shipper’s responsibilities.

[**NOTE**: http://www.phmsa.dot.gov/staticfiles/PHMSA/Hazmat/digipak/

PHMSA digipack training covers this training material: is on PHMSA’s website]

* **OPERATIONAL HM REQUIREMENTS**

The trainee will learn the basic competencies when HM is in transportation (i.e., vehicle operation).

Reporting Hazardous Materials (HM) Accidents and Releases

The trainee will learn the proper procedures and contacts for the immediate notice of certain HM incidents, including instruction in the proper completion and submission of HM Incident Reports.

Tunnels and Railroad (RR) Crossing Requirements

The unit will cover the proper operation of an HM vehicle, including cargo tanks, at RR grade crossings and vehicular tunnels.

Loading and Unloading HM

The trainee will learn the proper loading and unloading procedures for cargo tanks and portable tanks with a capacity of 1,000 gallons or more.

HM on Passenger Vehicles

The trainee will be trained in the various requirements for vehicles transporting passengers and property, and what HM can and cannot be transported in these vehicles/situations.

Cargo Tanks

The trainee will be instructed in the specialized requirements for cargo and portable tanks. The unit will include training in the operation of emergency control features; special vehicle handling characteristics, and the properties and hazards of the HMs transported. [**NOTE**: The National Tank Truck Carriers (NTTC) has already produced a training module/video that we believe would cover this particular area of the proposed HM training module].

Operating Emergency Equipment

The trainee must receive thorough instruction in the applicable requirements of 49 CFR Parts 390-397, Federal Motor Carrier Safety Regulations, and the procedures necessary for the safe operation of the motor vehicle. This would include training in: special precautions for fires and for loading and unloading, and training in operation of tank vehicle equipment.

Emergency Response Procedures

The trainee will be instructed in the proper procedures and best practices for handling an emergency response and post response operations. This will include training in the case of an emergency release of an HM or substance, all training, preparation, and response efforts focus on the materials that have been released; their hazards; and the protection of people, property, and the environment.

Engine (Fueling)

The trainee will be instructed in the procedures for when a vehicle which contains HM is being fueled.

Tire Check

The trainee will be instructed in the proper procedures for checking the vehicle tires at the start of a trip, and when the vehicle is parked.

Routes and Route Planning

The trainee will be instructed in the proper routing requirements and procedures that they are required to follow by regulation for the transportation of radioactive and non-radioactive HM.

Hazardous Materials Safety Permits (HMSP)

The trainee will be instructed in the proper procedures and operational requirements including constant attendance, parking and safe haven requirements for explosives that apply to the transportation of an HM for which a Hazardous Materials Safety Permit (HMSP) is required.