

Table of Contents

Chapter 1 Basic Introductory and Operational HM Requirements 1

- Introduction
- Training Requirements
- Driver Responsibilities
- Shipper’s Responsibilities
- Hazmat Classification
- Packing Groups
- Hazardous Materials Table
- Shipping Papers
- Markings
- Labels
- Placards
- Basic Introductory and Operational HM Requirements *Classroom Exercises*
- Basic Introductory and Operational HM Requirements *Quiz*

Chapter 2 Reporting HM Crashes and Releases 37

- Introduction
- Incident Reporting
- Telephone Report
- Written Report
- Reporting HM Crashes and Releases *Quiz*

Chapter 3 Tunnels and Railroad (RR)-Highway Grade Crossing Requirements	45
■ Introduction	
■ Tunnels	
■ Railroad (RR) Crossings	
■ Signs & Signals	
■ Railroad Crossing Safety Tips	
■ Stuck on the Tracks	
■ Tunnels and Railroad (RR)-Highway Grade Crossing Requirements <i>Classroom Exercise</i>	
■ Tunnels and Railroad (RR)-Highway Grade Crossing Requirements <i>Quiz</i>	
Chapter 4 Loading and Unloading HM	59
■ Introduction	
■ General Loading & Unloading Requirements	
■ Loading & Unloading Requirements for Specific Hazard Classes	
■ Loading and Unloading HM <i>Quiz</i>	
Chapter 5 HM on Passenger Vehicles	69
■ Introduction	
■ Allowable Hazardous Materials	
■ Forbidden Hazardous Materials	
■ HM on Passenger Vehicles <i>Classroom Exercise</i>	
■ HM on Passenger Vehicles <i>Quiz</i>	
Chapter 6 Bulk Packages	75
■ Introduction	
■ Intermediate Bulk Containers (IBC)	
■ Bulk Cylinders	
■ Portable Tanks	
■ Cargo Tank	
■ Vehicle Handling Characteristics	
■ HM Properties	
■ Bulk Packages <i>Quiz</i>	

Chapter 7	Operating Emergency Equipment	83
■	Introduction	
■	Fires	
■	Fire Extinguishers	
■	Using a Fire Extinguisher	
■	Putting Out Fires	
■	Operating a Cargo Tank	
■	Operating Emergency Equipment <i>Quiz</i>	
Chapter 8	Emergency Response Procedures	91
■	Introduction	
■	Emergency Response Guidebook	
■	Hazmat Incident/Accident Response	
■	Post Response Operations	
■	Emergency Response Procedures <i>Quiz</i>	
Chapter 9	Engine (Fueling)	101
■	Introduction	
■	Selecting a Fuel Station	
■	Engine (Fueling) <i>Quiz</i>	
Chapter 10	Tire Check	107
■	Introduction	
■	Devices	
■	Inspecting Tires	
■	When You Park	
■	Out-of-Service Tires	
■	Tire Check <i>Quiz</i>	

Chapter 11 Routes and Route Planning 115

- Introduction
- Non-Radioactive Hazardous Materials Routes
- Radioactive Hazardous Materials Routes
- National Hazardous Materials Route Registry
- Routes and Route Planning *Classroom Exercises*
- Routes and Route Planning *Quiz*

Chapter 12 Hazardous Materials Safety Permits (HMSP) 125

- Introduction
- Applicability
- HMSP Requirements
- Operational Requirements
- Attendance & Parking Requirements
- Hazardous Materials Safety Permits (HMSP) *Quiz*

Hazardous Materials Pre-Test 131

Glossary 137