

**TABLE F.8–1.—Regulations or Guidance for the Transportation of
Hazardous, Radioactive, and Mixed Materials or Wastes**

REGULATIONS OR GUIDANCE	RESPONSIBLE AGENCY
10 CFR Part 71, Subpart H, "Packaging and Transportation of Radioactive Material"	Nuclear Regulatory Commission
29 CFR Part 1910, "Occupational Safety and Health Standards"	
49 CFR Part 172, "Hazardous Materials Tables, Hazardous Materials Communication Requirements, and Emergency Response Information Requirements"	DOT
49 CFR Part 173, "Shippers—General Requirements for Shipment and Packages"	DOT
49 CFR Part 177, "Carriage by Public Highway"	DOT
49 CFR Part 178, "Specifications for Packaging"	DOT
49 CFR Part 390, "Federal Motor Carrier Safety Regulations"	DOT
49 CFR Part 391, "Qualifications of Drivers"	DOT
49 CFR Part 392, "Driving of Motor Vehicles"	DOT
49 CFR Part 393, "Parts and Accessories Necessary for Safe Operation"	DOT
49 CFR Part 395, "Hours of Service of Drivers"	DOT
49 CFR Part 396, "Inspection, Repair, and Maintenance"	DOT
49 CFR Part 397, "Transportation of Hazardous Materials; Driving and Parking Rules"	DOT
ANSI-MH2.13, <i>Specification for 30-Gallon Full-Removable-Head Universal Drum (DOT-17H)</i>	American National Standards Institute
DOE/EV/06194, <i>Explosives Safety Manual</i>	DOE
DOE/EH-02561, <i>U.S. DOE Radiological Control Manual</i>	DOE
DOE/DNA STP 4551D, <i>Transportation of Nuclear Weapons Material, Shipment by Safe Secure Trailer</i>	DOE
DOE Order 5480.11, "Radiation Protection for Occupational Workers"	DOE
DOE Order 5610.12, "Packaging and Offsite Transportation of Nuclear Components, and Special Assemblies Associated with the Nuclear Explosive and Weapon Safety Program"	DOE
DOE-STD-3009-YR, "Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Analysis Reports"	DOE
Pantex Plant Standard STD-1463, "Explosive Limits"	Mason & Hanger-Silas Mason Co., Inc.
Pantex Plant Standard STD-1700, "Outbound Shipments (Non Weapons)"	Mason & Hanger-Silas Mason Co., Inc.
Pantex Plant Standard STD-3120, "Scrap Explosives and Contaminated Waste Materials"	Mason & Hanger-Silas Mason Co., Inc.

TABLE F.8–1.—Regulations or Guidance for the Transportation of Hazardous, Radioactive, and Mixed Materials or Wastes-Continued

REGULATIONS OR GUIDANCE	RESPONSIBLE AGENCY
Pantex Plant Standard STD-3140, "Notification, Investigation, and Reporting of Occurrences"	Mason & Hanger-Silas Mason Co., Inc.
Pantex Plant Standard STD-3161, "Electrical Storm and Severe Weather Precautionary Procedures"	Mason & Hanger-Silas Mason Co., Inc.
Pantex Plant Standard STD-3180, "Traffic Safety Program"	Mason & Hanger-Silas Mason Co., Inc.
Pantex Plant Standard STD-3470, "Onsite Packaging and Transportation of Hazardous Materials, Substances, and Wastes"	Mason & Hanger-Silas Mason Co., Inc.
Pantex Plant Standard STD-3484, "Certification of Mixed Waste Shipments"	Mason & Hanger-Silas Mason Co., Inc.
Pantex Plant Standard STD-3485, "Waste Certification Program"	Mason & Hanger-Silas Mason Co., Inc.
Pantex Plant Standard STD-3486, "Waste Acceptance Criteria"	Mason & Hanger-Silas Mason Co., Inc.
Pantex Plant Standard STD-3487, "Guidance for Marking and Labeling of Radioactive Waste Packages"	Mason & Hanger-Silas Mason Co., Inc.
Pantex Plant Standard STD-3488, "Training Requirements for Radioactive and Mixed Waste Management"	Mason & Hanger-Silas Mason Co., Inc.
Pantex Plant Standard STD-3489, "WCO Surveillance Program"	Mason & Hanger-Silas Mason Co., Inc.
Pantex Plant Standard STD-3490, "Material Characterization"	Mason & Hanger-Silas Mason Co., Inc.
MNL RS-001, "Pantex Plant Radiological Control Manual"	Mason & Hanger-Silas Mason Co., Inc.
EPP-1000, Pantex Plant Emergency Management Plan	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 3-1070.5, "Waste Characterization Plan of NTS Wastes"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 6-5000, "General Safety Requirements for Zone 11"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-0028, "Receiving, Inspection & Packaging of MAA Wastes"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-0029, "Compacting Procedures for Waste Generated in the MAA"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-0034, "Waste Management, Monitoring and Decontamination of Weapon Components"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-0034.1, "Receiving and Inspection of NTS Waste"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-5000, "General Safety Requirements—Production and Support Activities"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-5080, "Safety Requirements—Onsite Transportation of Chemical Explosives, Nuclear Explosives, and Weapon Components"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-5600, "Area E (Firing Site)—General Safety Requirements"	Mason & Hanger-Silas Mason Co., Inc.

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REGULATIONS OR GUIDANCE	RESPONSIBLE AGENCY
O&I Standard 7-5638.1, "General Safety Requirements for Handling Nuclear Explosives and NELAs"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-5640, "General Safety Requirements for Transportation of Nuclear Explosives by Motor Vehicle"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-5650, "General Safety Requirements for Zone 4"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-5655, "Zone 4 Storage and Disposal of HE Material"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-5656, "Low-Level Radioactive Component Waste Packaging"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-5660, "Burning Ground Operating Procedure"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-5660.2, "Handling, Transportation, and Staging of Hazardous Waste Awaiting Offsite Shipment"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-5660.3, "Preshipment Transportation, Handling and Staging of NTS Material"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-5660.4, "Radioactive Waste Shipment"	Mason & Hanger-Silas Mason Co., Inc.
O&I Standard 7-5660.5, "Loading of NTS Material for Offsite Shipment"	Mason & Hanger-Silas Mason Co., Inc.

Source: Pantex 1994