The logo of the New Jersey Department of Environmental Protection is a circular emblem. It features a stylized blue and white globe in the center, with a grey outer ring. The globe has a blue and white pattern that resembles a map of the state of New Jersey. The text is overlaid on this logo.

New Jersey Department of
Environmental Protection
Transportation Oversight Unit

Bob Gomez, Supervisor
300 Horizon Center
P.O. Box 407

Trenton, New Jersey 08625-0407
(609) 584-4180

DOT Requirements Applicable to Hazardous Waste Generator's

- Properly identify waste being shipped
- Complete the shipping paper (HW Manifest)
- Comply with training requirements
- Select an authorized package
- Properly mark the package
 - EPA & DOT marking requirements
- Comply with placarding requirements

172.101 Hazardous Materials Table

Research and Special Programs Administration, DOT

§172.101

§172.101 Hazardous Materials Table- Cont'd

Sym bols	Hazardous materials descriptions and proper shipping names	Hazard class or Division	Identifi- cation Numbers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging §173.***)			(9) Quantity limitations		(10) Vessel stowage	
							Excep- tions	Non- bulk	Bulk	Passen - ger air craft /rail	Cargo air-craft only	Loca tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
G	Corrosive liquids, n.o.s	8	UN1760	II	8, 3	B2, IB2, T11, TP2, TP27	None	202	243	1L	30 L	C	25, 40
				I	8	A7, B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	B	40
				II	8	B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	40
G	Corrosive liquids, oxidizing, n.o.s	8	UN3093	III	8	IB3, T7, TP1, TP28	154	203	241	5L	60 L	A	40
				I	8, 5.1		None	201	243	Forbidden	2.5 L	C	89
G	Corrosive liquids, toxic, n.o.s	8	UN2922	II	8, 5.1	IB2	None	202	243	1 L	30 L	C	89
				I	8, 6.1	A7, B10, T14, TP2, TP13, TP27	None	201	243	0.5 L	2.5 L	B	40
G	Corrosive liquids, water-reactive, n.o.s	8	UN3094	II	8, 6.1	B3, IB2, T7, TP2	None	202	243	1 L	30 L	B	40
				III	8, 6.1	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	B	40
G	Corrosive solid, acidic, inorganic, n.o.s	8	UN3260	I	8, 4.3		None	201	243	Forbidden	1 L	E
				II	8, 4.3	IB7, IP1	None	202	243	1 L	5 L	E
				I	8		None	211	242	1 kg	25 kg	B

Uniform Hazardous Waste Manifest is the Shipping Paper For Hazardous Waste

- Select basic shipping description from the 172.101

Table by:

- Selecting proper shipping name (PSN)
- Hazard Class
- ID number
- Packing Group
- Total quantity being shipped
- If the PSN does not include the word “waste” & hazardous waste is being shipped the word waste must precede the proper shipping name

Uniform Hazardous Waste Manifest is the Shipping Paper For Hazardous Waste

- Shipping Paper Cont.

- Check 172.203 (additional descriptions)
- Technical names for generic descriptions (n.o.s)
- Check App. A of 172.101 Table & determine if material is a “RQ”
- Check App. B of 172.101 Table & determine if material is a Marine Pollutant (may not be applicable)

Uniform Hazardous Waste Manifest is the Shipping Paper For Hazardous Waste

- Shipping Paper Cont.

- Provide Emergency Response Information

- (E.R.G. # or MSDS form)

- Emergency Response Telephone number, see 172.604

- Monitored at all times the material is in transportation (until it is accepted at TSD)
 - Person must have knowledge of material being shipped & have comprehensive ER information of the material or immediate access to someone who has this knowledge.

Uniform Hazardous Waste Manifest is the Shipping Paper For Hazardous Waste

- Shipping Paper Cont.

- Generator Certification 172.204

- By signing the manifest the generator is certifying the consignment is fully & accurately described by the proper shipping name, classified, packed, marked, labeled, & in all respects in proper condition for transport...

Properly Packaged & In Proper Condition for Transportation?



DOT Requirements Applicable to Hazardous Waste Generator's

- Training 172.704

- Hazmat employers must provide training to its hazmat employees & shall include:

- General awareness training - enabling the employee to recognize & identify hazardous materials

DOT Requirements Applicable to Hazardous Waste Generator's

- Training 172.704 - cont.
 - Function Specific – hazmat employee must receive specific training to the hazmat function(s) performed
 - Safety training – shall include emergency response information, methods of avoiding accidents such as proper handling procedures, & measures to protect themselves from exposure

DOT Requirements Applicable to Hazardous Waste Generator's

- Training 172.704 - cont.
 - Security awareness & In-depth security training
 - Refer to Subpart I (172.800 & 172.804) for security plan specifics
 - Initial & recurrent training
 - Initial completed within 90 days of hire or change in function, may work under direct supervision of knowledgeable hazmat employee until training is completed
 - Recurrent must be done at least every 3 years

DOT Requirements Applicable to Hazardous Waste Generator's

▪ Package Selection

- Determine how much waste is being generated
 - Lab pack quantities, 55-gallon drum amounts, or cargo tank trailer quantities (bulk or non-bulk quantities)
- What state is the waste in?
 - Liquid, solid, semi-solid (sludge), or gaseous
- Once the quantity & state of waste has been determined refer to the 172.201 Hazardous Materials Table and refer to Column 8 to identify acceptable packages and exceptions, & then check Column 7 (Special Provisions)

172.101 Hazardous Materials Table

Research and Special Programs Administration, DOT

§172.101

§172.101 Hazardous Materials Table- Cont'd

Sym bols	Hazardous materials descriptions and proper shipping names	Hazard class or Division	Identifi- cation Numbers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging §173.***)			(9) Quantity limitations		(10) Vessel stowage	
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G	Corrosive solid, acidic, inorganic, n.o.s	8	UN3260	I	8, 4.3		None	201	243	Forbidden	1 L	E
				II	8, 4.3	IB7, IP1	None	202	243	1 L	5 L	E
				I	8		None	211	242	1 kg	25 kg	B

DOT Requirements Applicable to Hazardous Waste Generator's

- General Non-Bulk Marking Requirements 172.301
 - For hazardous waste EPA marking required at 40 CFR 262.32 must be on package & include:
 - Generator's name & address, manifest document #, proper shipping description, technical names, special permit #, or DOT-E # issued prior to 10/1/07 are authorized
 - Other prescribed DOT markings shall be used, where required, such as package orientation arrows for liquids, inhalation hazard, marine pollutant for vessel transportation (where applicable), or Biohazard

DOT Non Bulk Package Markings

- Types of Markings:
 - EPA Marking
 - DOT Hazard Warning Labels
 - Package Orientation Arrows

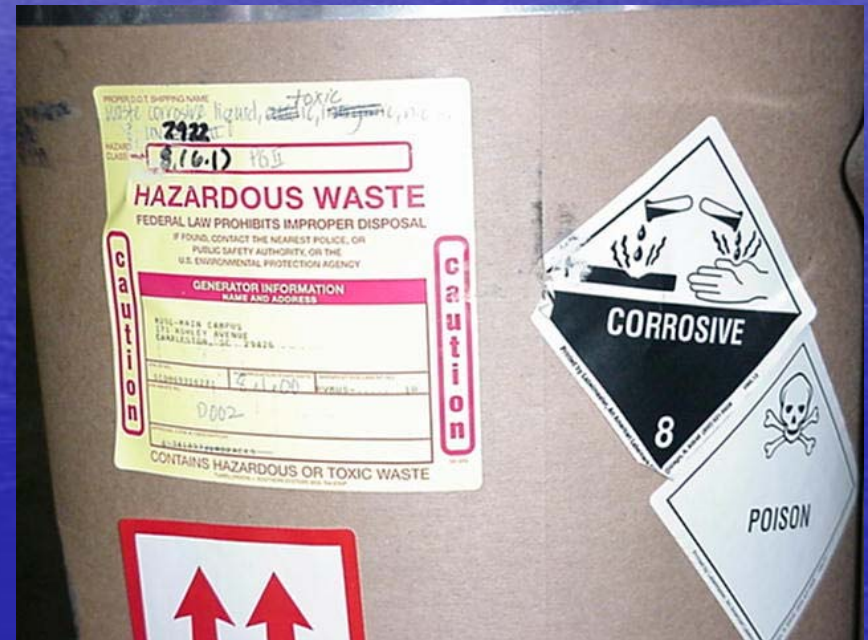


DOT Requirements Applicable to Hazardous Waste Generator's

- Labeling Requirements - Subpart E
 - Label(s) selection, Column 6 of 172.101 Table
 - Label placement on package 172.406
 - Same surface of package and near PSN
 - Primary & subsidiary labels, when required, must be next to each other (within 6 inches of each other)
 - As of 10/1/05, all subsidiary labels must contain a hazard class or division number in the lower corner

DOT Non Bulk Package Marking

- DOT Hazard Warning Labels:
 - Same surface of package and near PSN
 - Primary & subsidiary labels, when required, must be next to each other (within 6 inches of each other)



DOT Requirements Applicable to Hazardous Waste Generator's

- Placarding Requirements - Subpart F
 - Placard selection, Column 3 of 172.101 Table
 - Generator's responsibility 172.506
 - Each person offering a motor carrier a hazardous material for transportation by highway shall provide to the motor carrier the required placards for the material being offered prior to or at the same time the material is offered for transportation, unless the carrier's motor vehicle is already placarded for the material as required by this subpart

Placarding



DOT's Webpage

<http://hazmat.dot.gov/>

DEP Vehicle Marking Requirements



Are you using a reputable hauler?



DEP Contacts

- 24 Hr. Emergency Hotline (Spills, abandoned waste, etc.)

877-WARN-DEP (877-927-6337)

- Transportation Oversight Unit

(ofc.) 609-584-4180 Bob Gomez, Hazardous & Solid Wastes

- DEP Transporter Registration

(609) 292-7081 follow voice prompts

- NJDEP Solid & Hazardous Waste Web page

<http://www.nj.gov/dep/dshw/>