



49 CFR (DOT) Recurrent Training Pre-Test

This practice examination is a sampling of subject matter to be reviewed during the 49 CFR (DOT) 1-Day Recurrent Course. You will need a current copy of the 49 CFR to answer the following questions. Should you struggle with these questions, it is strongly recommended that you attend the 49 CFR (DOT) 2- Day (forwarders, carriers) or 3-Day (shippers) initial course.

Directions: Please select the *most appropriate* answer to each question. If a reference is requested, please include the *most complete* (i.e., 172.201(a)(1)(i)) reference. **A page number from 49 CFR is not acceptable as a reference.**

1. Which of the following non-bulk packages are considered to be Hazardous Substances? (*circle yes or no*)

0.454 kg	Aldrin	Yes	No
45.4 kg	Chloroethane	Yes	No
3 kg	Nitrogen oxide NO ₂	Yes	No
100 kg	MDI	Yes	No

2. You are offering the following materials to a driver. What placards would you be *required* to offer?

200 lbs Hydriodic acid
900 lbs Potassium peroxide
100 lbs Potassium

Placards required: _____

Reference: _____

3. Regarding the materials shown in question # 2, may you load these packages *next to* each other?

a. Yes

b. No

Reference: _____

4. A bulk shipment (30,000 lbs) of Metam Sodium (a solid material) must move between Oklahoma City, OK and Phoenix, AZ by truck. Is this material a: (*circle yes or no*)

a. Hazardous material Yes No

b. Hazardous substance Yes No

c. Marine pollutant Yes No

5. What is the proper shipping name for this material?

6. What hazard labels must be affixed to a drum of Isobutylamine?

a. Flammable

b. Corrosive

c. Flammable & Corrosive

7. According to 49 CFR, a package containing inner packagings of 0.5 L of Methyl chloromethyl ether and having a gross package weight of 29 kg, may be offered and transported as a limited quantity.

a. True

b. False

8. Regarding the material shown in question #7, is this material an “Inhalation Hazard?”

a. Yes

b. No

c. If yes, what is the zone? _____

Reference: _____

9. A shipper may offer Sodium for transport by highway, in a type 11C IBC.

a. True

b. False

Reference: _____

10. Materials of trade exceptions are found in:

a. 172.6

b. 173.9

c. 173.6

d. 172.9

Answer Key

1. Aldrin – yes; Chloroethane – yes; Nitrogen oxide NO₂ – no; MDI - no
2. Dangerous when wet, C corrosive, Oxidizer OR Dangerous when wet and Dangerous §172.504(e)
3. No. Classes 5 and 8 must not be above or adjacent to one another. §177.848(e)
4. a. Yes; b. No; c. Yes
5. Environmentally hazardous substance, solid, n.o.s. (Metam sodium)
6. Flammable & Corrosive
7. False
8. Yes Zone A (special provision “1”) - §172.102(c)(1)
9. False §172.102 – Special Provision IB4 does not authorize an 11C IBC
10. c. §173.6