



2012 TE&Y STUDY GUIDE



Hazardous Materials and Security Awareness

12/8/11

HAZARDOUS MATERIALS

1. List the documents that would be considered acceptable shipping papers.

(Form 8620 Section II, Table 3)

2. What documents are required when accepting or transporting a hazardous material shipment?

(Form 8620 Section II)

3. Who must have a copy of the Emergency Response Guidebook accessible while on duty when transporting hazardous materials?

(SSI ITEM 7)

4. What is an I.E.D. and what would you do if you suspected one on a rail car?

(Form 8620 Section III)

5. You are with a crew that has a work order to pull 14 cars of radioactive material from Dirty Dirt Industry. The 2nd car in the track is not listed on their work order, what are they required to do?

(Form 8620 Section II)

6. What inspections are required when picking up cars with the following notation?

(GCOR Rule 1.33, Form 8620 Section III)

FLAT YARD - DO NOT KICK

* DANGEROUS *

EMERGENCY CONTACT:
8004249300

1/TC
AMMONIA, ANHYDROUS
2.2
UN1005
RQ (AMMONIA)
INHALATION HAZARD

SHIPPER CONTACT
CHEMTREC
HAZMAT STCC = 4904210

FOR :BUREAU SERVIC

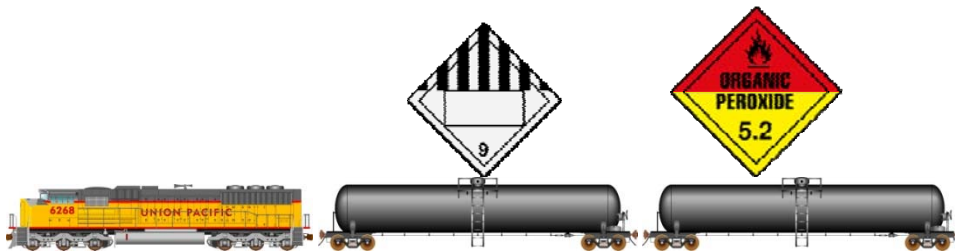
7. Cars are being humped at Ft. Worth. What are the requirements before allowing the tank cars listed below to go over the hump? (Form 8620, Section V)

029	PSPX022152	LT22	129	LIVO	NKPN	APOISN	TB028	MFWLI	25	LIVO
**	DANGEROUS				**					
030	PSPX022109	LT22	129	LIVO	NKPN	APOISN	TB028	MFWLI	25	LIVO
**	DANGEROUS				**					
031	CPCX105054	LT22	131	LIVO	NKPN	APOISN	TB028	MFWLI	25	LIVO
**	DANGEROUS				**					
032	CPCX105070	LT22	131	LIVO	NKPN	APOISN	TB028	MFWLI	25	LIVO
**	DANGEROUS				**					
033	CPCX105064	LT22	131	LIVO	NKPN	APOISN	TB028	MFWLI	25	LIVO
**	DANGEROUS				**					
034	PSPX022102	LT22	129	LIVO	NKPN	APOISN	TB028	MFWLI	25	LIVO
**	DANGEROUS		**							

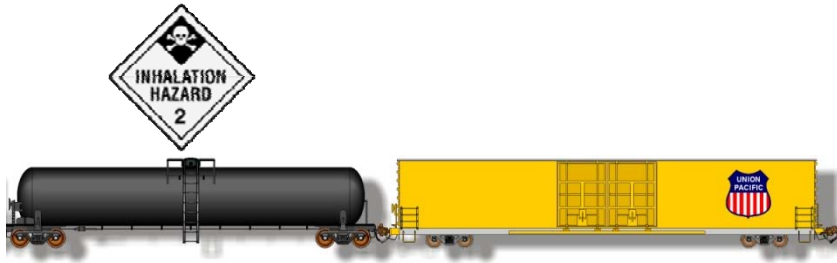
8. A crew is flat switching at Longview Yard. What precautions must be taken when switching the loaded tank cars listed as Toxic-Inhalation Hazard (TIH) or Poison Inhalation Hazard (PIH)?



9. When making a pickup of loaded hazardous material tank cars to be placed in a train, can the two cars shown below be used as buffer cars? (Form 8620, Section VI)



10. The loaded tank car and mechanical refrigerated car shown below are next to each other in the middle of an 80 car manifest train. Would these cars meet train placement requirements? Explain fully, why or why not. (Form 8620, Section VI)



Mechanical refrigerator car in Protective Service

11. Could a switch crew couple the locomotive to the cut of cars diagrammed below? In a switching operation, would they have to shove them to rest or could they kick this cut? (Form 8620 Section V)



12. A train is required to pick up 3 non-placarded cars. How would they switch the cars in this train to comply with train placement requirements? (Form 8620, Section VI)



13. Will the car placement shown below meet the Placement in Train requirements? Explain why or why not.

(Form 8620, Section VI)



14. What is RMCC's phone number?

(Security Awareness Video)

14. What do IEDs look like?

(Security Awareness Video)

15. If you suspect someone acting suspicious, what would be things to remember when reporting?

(Security Awareness Video, PB-20950)

16. Can the ground inspection for a Rail Security Material pick-up be done from a moving vehicle?
(Security Awareness Video)

17. You have a Haz-Mat car on your work-order. How many placards are required on the car?
(Form 8620, Section IV)

18. Do you use the switching chart when making setouts?
(Form 8620, Section V)

19. When do you use the placement in train chart?
(Form 8620, Section VI)

20. Your "Key Train" is going to run over a foreign railroad. Define a "Key Train" and describe what is required before going on that foreign territory?
(Form 8620, Section VII)

21. When may a DP locomotive be attached next to a placarded car?

(Form 8620, Section VII)

22. What happens to your planned pick-up of a Rail Security-Sensitive Material if no one is at the plant?

(Form 8620, Section I)

23. Where do you go if a vapor cloud is seen back in your train?

(Form 8620, Section VIII)
