

Ethanolamines/Glycol Ethers

In Plant Training (IPT)

Section Number: 2A

Issue Number: 1.3

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Author: Sue Grissom, Skipper Hughes

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Section Test: 8

Loading Familiarization Tank Truck Loading

1.0 Purpose:

1.1 To familiarize you with various equipment associated with tank truck loading. Upon completion you should have a basic understanding of the functions and locations of this equipment.

2.0 Resources:

2.1 Ethanolamines/Glycol Ethers orientation, ICS graphics, supervision, tank truck loading procedure, and other experienced personnel.

3.0 Required level of performance:

3.1 100% complete and correct.

4.0 Objectives:

1. Physically locate:

- A. Ethanolamines loading scale.
- B. Glycol Ethers loading scale.
- C. Emergency trip button for loading pumps.
- D. Emergency trip button for loading ramps.
- E. Area safety showers.
- F. Area intercoms.
- G. Hydraulic system for loading ramps.
- H. Amines air operated valves.
- I. Ethers air operated valves.
- J. Utility stations.
- K. Area fire extinguishers.
- L. Area sump and pump.

2. State the flammable products loaded at the tank truck rack.

3. State the combustible products loaded at the tank truck rack.

4. State the safety equipment required for loading tank trucks.
5. State what products require placards on tank trucks.
6. State what happens when you push the loading emergency trip button.
7. State why it is important to check the container (tank truck) material of construction prior to loading.
8. State what your actions would be if you were sprayed with product.
9. State the purpose of a check sheet in loading a tank truck.
10. State the purpose for grounding a tank truck.
11. State at which spot condensate is loaded.
12. State who is responsible for your safety.
13. Demonstrate that you can load a tank truck. This must be done once with Any product.
14. State which product requires purging with nitrogen prior and during loading. State when purge is sufficient.

15. State the products that ethanolamines will not be shipped with.
16. State the exception to #15.
17. State what type wash is required if the last contents of a tank truck were a chlorinated compound or product in which we do not know the reactivity.
18. State when the loaded tank truck can be released.
19. State the objective of the white bucket test.
20. Why must we circulate the storage tank prior to loading a tank truck order that includes a temperature spec.
21. State what type loads require a signed waiver from the customer prior to loading.
22. State what paperwork the signed waiver must be attached to.
23. State one tank material that amines low freeze grade products can not be loaded in.
24. Why is it very important to tighten and seal all tank truck openings.

Revisions:

No. 1	06-02-93	Added question & answer no. 20
No. 2	08-26-93	Added questions & answers no. 21 & 22
	12-13-95	Yearly review, no changes
No. 3	02-14-96	Added question & answer No. 24
No 4.	01-24-97	On No. 5, added DEA, T-99, T-85, and A5503 for Molex