

Ethanolamines/Glycol Ethers Tier 3 Safework/Operating Procedure

Section Number: 422
Issue Number: 1.3
Original Date: 12-13-91 **Author:** Mike Viator
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Title: Dv-113 Transfer To Tank Car
References: Glossary Of Equipment Identification (Text # 114)

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422. DV-113 Transfer To Tank Car

1.0 Objective:

- 1.1 To remove alcohol from DV-113 for disposition.

2.0 Responsibility:

- 2.1 It is the responsibility of the operations supervisor and the senior operations specialist to ensure that this procedure is fully complied with.
- 2.2 It is the responsibility of the senior operations specialist and the operations specialist to ensure that this procedure is executed in a safe and efficient manner.

3.0 Safety Notations:

- 3.1 Monogoggles and gloves are required when connecting or disconnecting flex hoses and load the tank car.

4.0 Procedure:

- 4.1 Complete a loading check sheet before beginning to load the tank car.
- 4.2 Purge the tank car with nitrogen for one hour prior to loading.
- 4.3 Connect a flex hose from the eb heel line to the bottom of the tank car.
- 4.4 Leave the dome lid cracked open so the car will not pressure up.
- 4.5 Some alcohol vapor will be vented during loading. Stay upwind during loading to avoid these fumes.
- 4.6 Line up P-113 to go to the tank car. Be sure it is blocked in to T-110 and at the jumper line from DV-3. Be sure the heel line in the drumming building is blocked in.
- 4.7 Once DV-113 is empty, shut down P-113 and blow the heel line from DV-113 into the tank car using nitrogen.

- 4.8 When loading is complete, finish the check sheet and seal the tank car for shipping.
Alcohol requires flammable placards.

5.0 Revisions:

Revision No. 1	07-19-93	Yearly Review
Revision No. 2	12-20-94	Yearly Review
Revision No. 3	12-29-95	Yearly Review