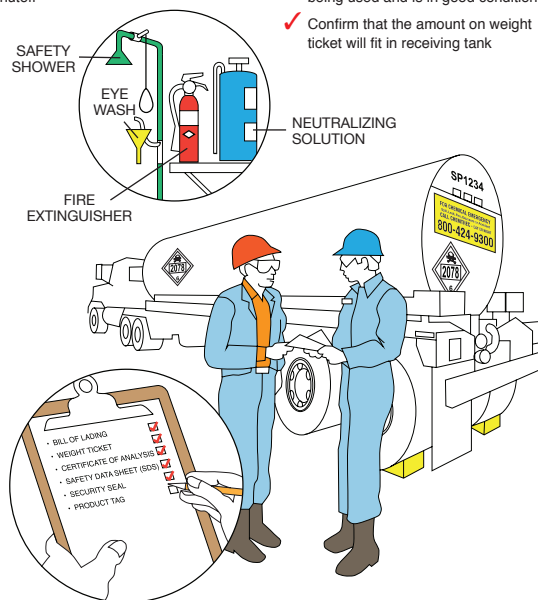


# Unloading Toluene Diisocyanate (TDI) Tank Trucks

## 1. Delivery

During delivery, consider the following:

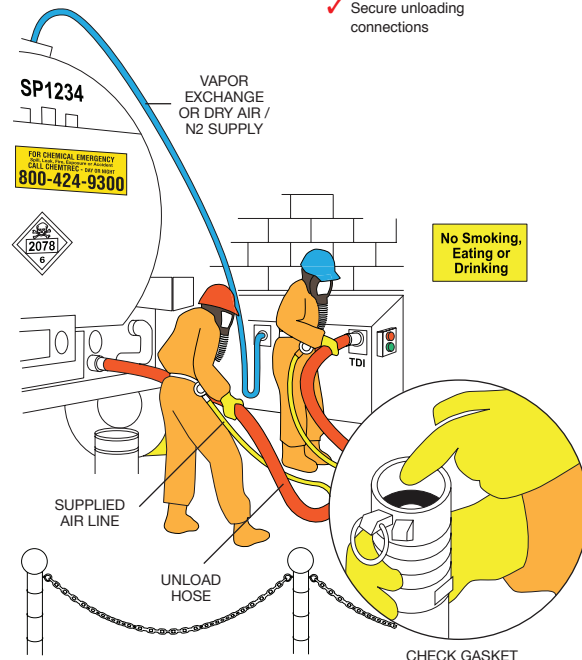
- ✓ Spot tank truck, apply brakes, and set wheel chocks
- ✓ Show driver where to find eyewash, safety shower, and fire extinguisher
- ✓ Explain the facility's emergency procedures
- ✓ Locate the tank truck remote emergency shutoff
- ✓ Verify that the Bill of Lading names TDI as cargo
- ✓ Confirm that the trailer number on Bill of Lading matches number on trailer
- ✓ Review whether Certificate of Analysis matches TDI specification
- ✓ Verify that the correct receiving tank is being used and is in good condition
- ✓ Confirm that the amount on weight ticket will fit in receiving tank



## 2. Hookup

During hookup, consider the following:

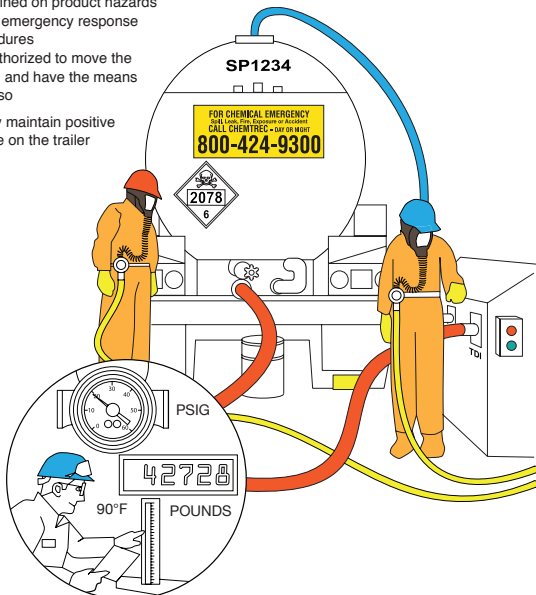
- ✓ Use personal protective equipment (PPE) specified in product safety data sheet (SDS)
- ✓ Verify that hoses, gaskets and fittings are in good condition
- ✓ Verify that the driver connects hoses to trailer
- ✓ Confirm that the unloading operator connects hoses to facility
- ✓ Secure unloading connections



## 3. Unloading

During unloading, consider the following:

- ✓ Comply with DOT attendance requirement. According to 49 CFR§177.834, a qualified person unloading must:
  - Be alert and within 25 feet of tank trailer
  - Maintain an unobstructed view of tank trailer
  - Be trained on product hazards
  - Know emergency response procedures
  - Be authorized to move the trailer, and have the means to do so
- ✓ Properly maintain positive pressure on the trailer
- ✓ Monitor temperature, pressure and level in receiving tank
- ✓ Close all valves when trailer is empty
- ✓ Bleed pressure from all hoses before disconnecting
- ✓ Apply caps, plugs and secure empty trailer for return shipment



## Spill Response

- ✓ Call CHEMTREC for 24 hour emergency assistance 1-800-424-9300
- ✓ Follow the facility's emergency response plan
- ✓ Consult supplier SDS



For additional information see the suppliers SDS and the Center for the Polyurethanes Industry's (CPI) guidance document, "Guidelines for Receiving and Unloading TDI" available at [www.polyurethane.org](http://www.polyurethane.org).

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Center for the Polyurethanes Industry