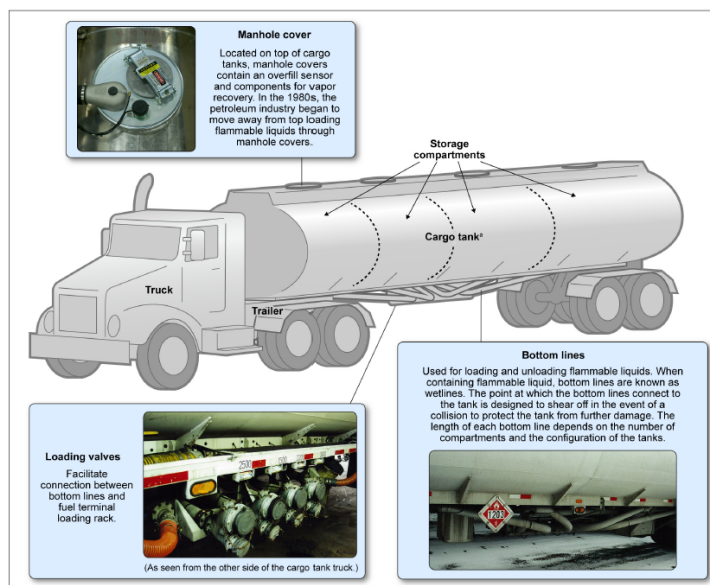


Flammable Liquid Safety Storage Cans

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Safety & First Aid

Figure 1: Cargo Tank Truck Components That Pertain to Loading, Transporting, and Unloading of Flammable Liquids



Source: GAO and photos from National Tank Truck Carriers.

Photo: U.S. Government Accountability Office from Washington, DC, United States — Public domain — via Wikimedia Commons
(Figure_1_Cargo_Tank_Truck_Components_That_Pertain_to>Loading,_Transporting,_and_Unloading_of_Flammable_Liquids_(10945712583).png)

Flammable liquid safety cans store and pour solvents, thinners and other flammable liquids with flame-arresting mesh in the pour spout, spring-closing caps and pressure relief. Certified cans significantly reduce fire and vapour risk whenever flammable liquids are handled.

Key Features

- Flame-arresting pour spouts
- Spring-closing caps
- Vent and pressure relief
- Galvanised steel or polyethylene
- Capacity and approval certification

Typical Uses in the Workshop

- Store thinners and solvents safely
- Dispense flammables at work areas
- Refill small containers
- Comply with flammable storage rules

Safe Operation

1. Fill within the capacity limit
2. Seal the cap after pouring
3. Use the associated flammable cabinet for storage
4. Ground when pouring from metal cans
5. Return the can after use

SAFETY NOTES

- Keep flammables away from ignition sources
- Store the cans in the flammable cabinet
- Do not overfill or use for other liquids
- Check the flame arrestor intact
- Use in a ventilated area

Maintenance & Consumables

- Check the caps and spouts
- Clean the cans of residue
- Inspect the flame arrestors
- Replace worn or damaged cans
- Log the flammable stock

Specification & Buying Notes

Certified safety cans with flame arrestors suit the workshop chemical set. Quality cans pour clean; cheap unapproved containers defeat the safety system. Buy the capacity for the use volumes.