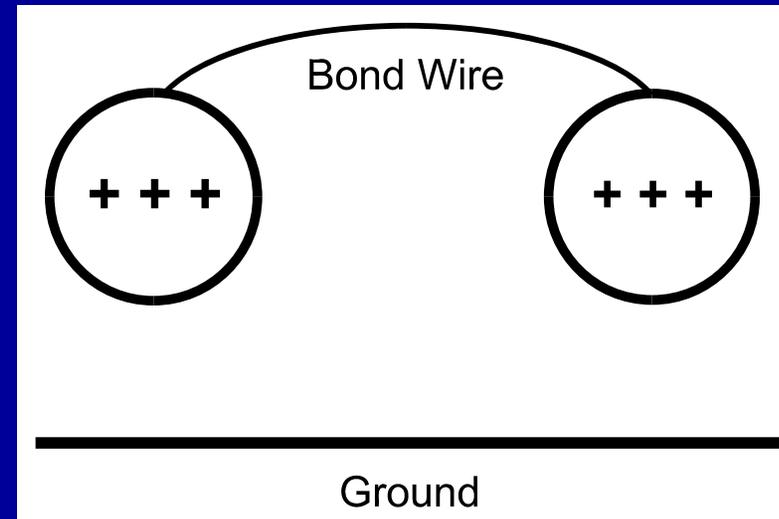


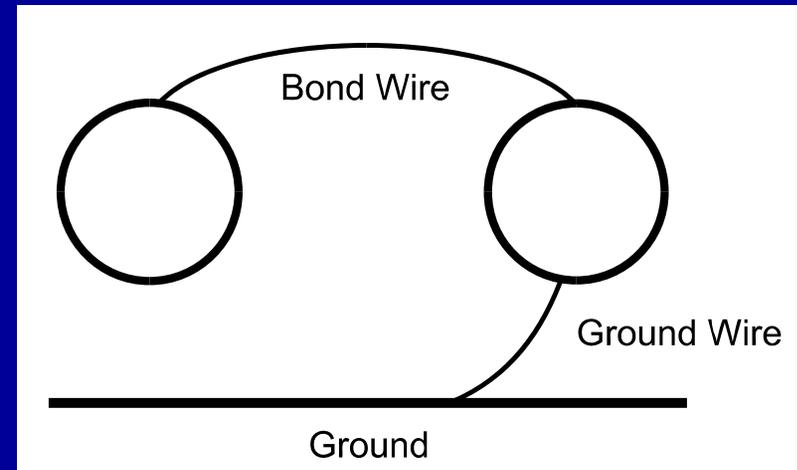
# Bonding

- Connect two conductive objects together with a bond wire - eliminate a difference in static charge potential
- Provide bond wire between containers during flammable liquid filling, unless a metallic path between them is present



# Grounding

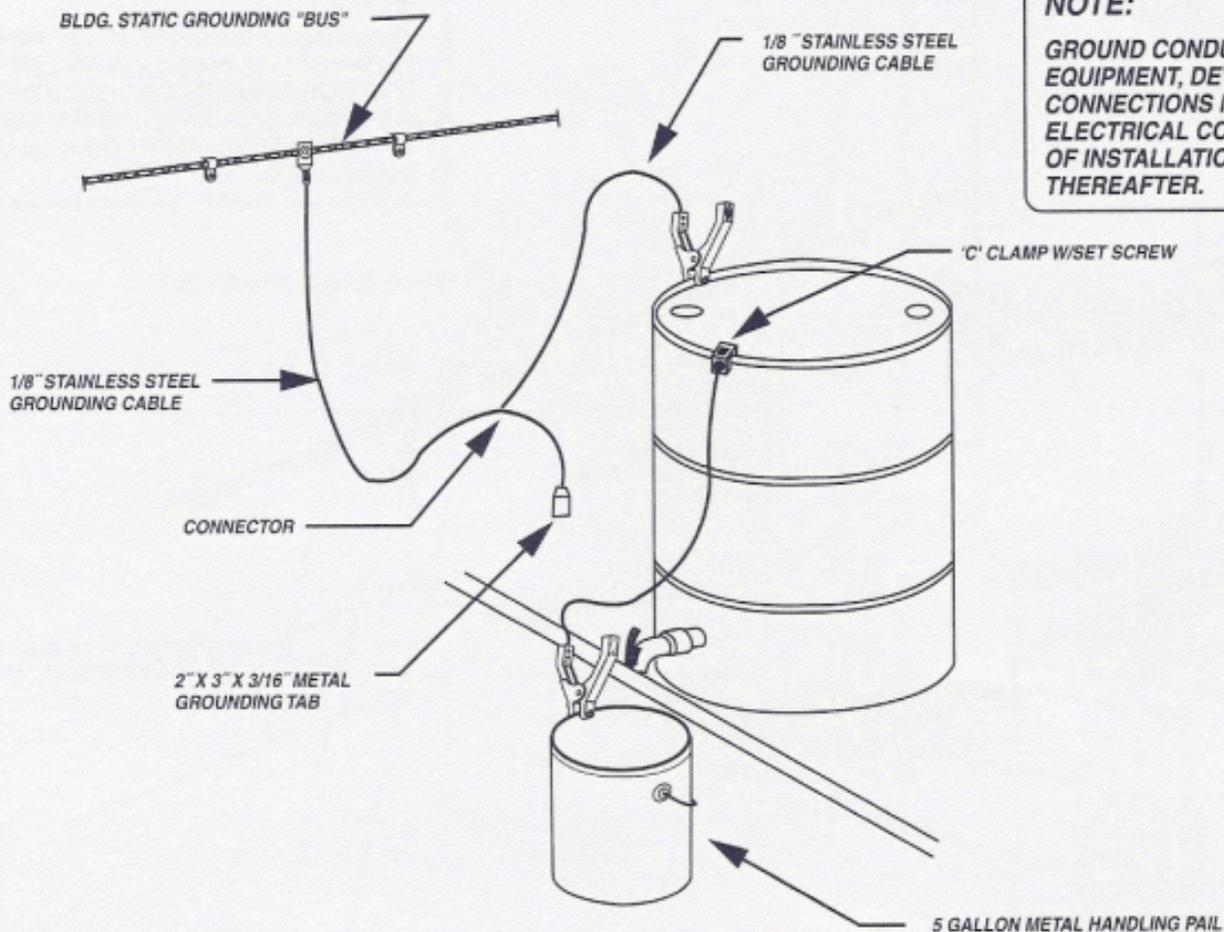
- Eliminates difference in static charge potential between conductive objects and ground
- Bonding eliminates difference in potential between objects, but not difference in potential between objects and earth unless one of the objects is connected to earth with a ground wire



- Bonding wire between drum and container
- Grounding wire between drum and ground



From OSHA Office of Training and Education



**NOTE:**

GROUND CONDUCTIVITY OF ALL PIPING, EQUIPMENT, DEVICES, CABLES AND CONNECTIONS MUST BE CHECKED FOR ELECTRICAL CONTINUITY AT THE TIME OF INSTALLATION AND PERIODICALLY THEREAFTER.

**TYPICAL GROUNDING SYSTEM FOR SMALL VOLUME SOLVENT HANDLING**

**TA-14**  
TYPICAL ASSEMBLY NO.14

## Walla Walla County

- 30' battery cable
- Split part of the cable
- Metal clips to both ends
  - one to ground drum
  - one to bond container being emptied

