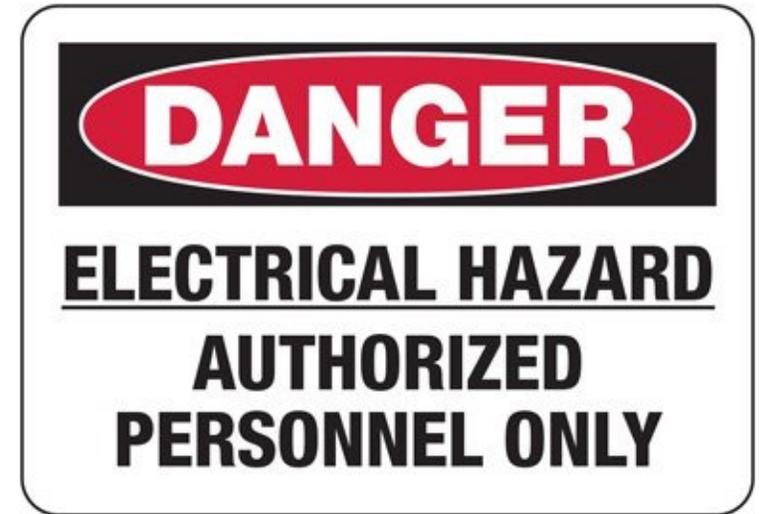


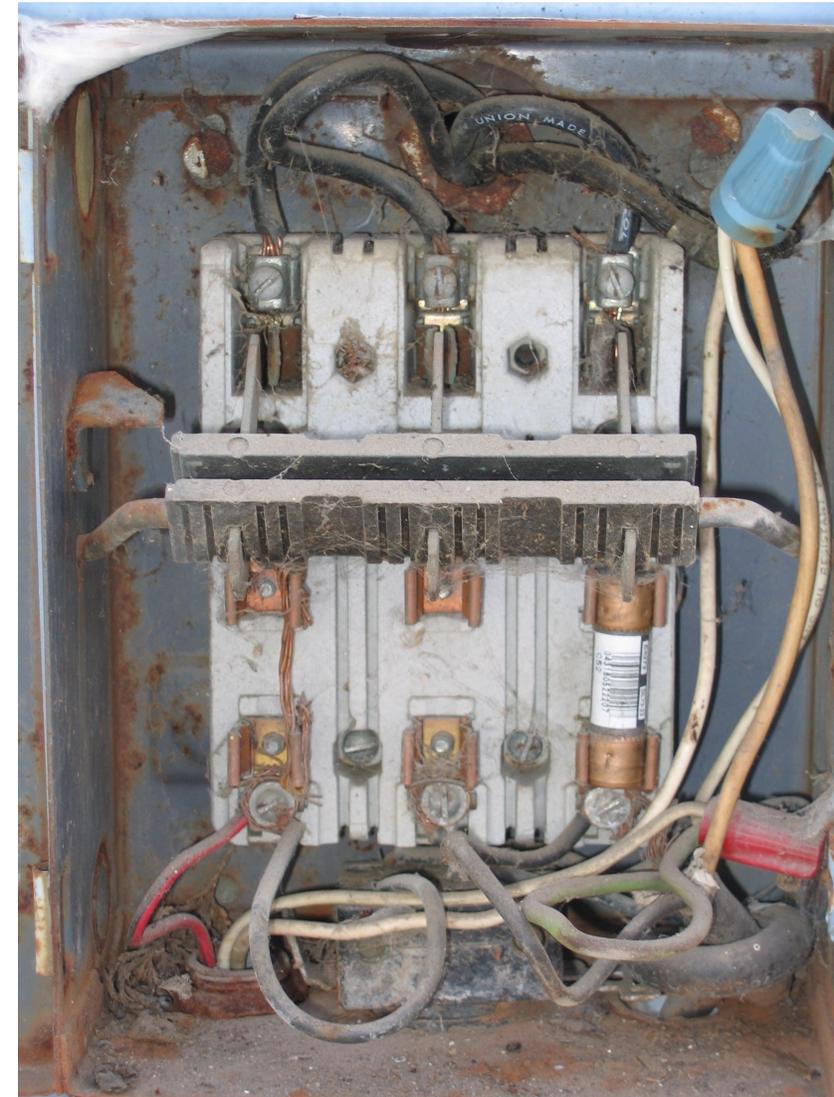
DONALD DAVIDS, CSP



Cord Safety and
Assured Equipment Ground Programs

Cord Hazards

- ❑ Overload
- ❑ Shock
- ❑ Fire
- ❑ Trips and Falls



Cord Hazards at home

- CPSC Stats home use
- 4000 injuries each year
- 1/2 are trips and falls
- 3300 Fires with 50 deaths
- Shock
 - ▣ 50% are children

Eliminate The Hazard

- Cords off the floor
 - ▣ Policy or practice
- GFCI
 - ▣ 1926.404 (b)(1)(ii)
- Assured Equipment Grounding Program
 - ▣ 1926.404 (b)(1)(iii)
- Inspect cords
- Double insulated tools



GFCI's

- ❑ All 120volt single phase 15 and 20 amp receptacle.
- ❑ Generators over 5000 Watt.
- ❑ Not part of the permanent wiring.



Assured Equipment Grounding Program

- Written
- Competent person
- Specific procedures
- Available at the jobsite.
- Tests
 - ▣ Electrically continuous
 - ▣ Each receptacle and attachment cap or plug. Correct placement

Assured Equipment Grounding Program

- When required
 - ▣ Before first use
 - ▣ After any repair
 - ▣ Reasonably expected damage
 - ▣ Not to exceed 3 months
- Documentation
 - ▣ Identify each receptacle, cord set, cord and plug equipment
 - ▣ Date or interval tested
 - ▣ Logs, color coding, or other effective means
 - ▣ Available at the jobsite

Cord Inspections

- Jacket
- Strain Relief
- Durability
 - ▣ Hard Service
- Grounding



Qualified Electrical Contractors

- Who is qualified
- What is qualified
- How to confirm



Questions!!

