

Apprentice & Journeymen Training Trust Fund Of the Southern California Plumbing & Piping Industry

Portable Grinder Policy & Procedure

1. Proper Protective Equipment (P.P.E.) must be worn during all pipe roll grooving operations:
 - ANSI Z87 rated safety glasses with side shields are required.
 - Face shield.
 - Appropriate gloves. Refer to Figure 1-10 Welding Glove Recommendations.
 - Work attire – long pants, long-sleeved shirt, welding jacket, sleeves or leathers.
 - Work boots must be ankle high or greater.

Use of a Portable Ground Fault Circuit (GFCI) is required for all power tools connecting to a temporary power/extension cord
In this order: (1) Electric Plug Receptacle, (2) GFCI, (3) Cord and (4) Tool

2. Grinder, personal or provided, shall be inspected daily at start of shift:
 - No frays to power cord.
 - Ground prong intact.
 - Trigger safety intact.
 - No cracks or defects to housing.
 - Guards and handle in place.
 - Wheels inspected for correct rating, defects and are properly attached.

Modifications to grinder or grinder components are NOT permitted. Grinder must be unplugged while performing maintenance, changing wheels and if left unattended or out of sight

3. When grinding:
 - Material shall be secured by mechanical means (table vise, tripod vise, clamp, etc.) **NEVER** held by hand.
 - Grinder must be operated with both hands.
 - While not in use, grinder will be set where it will not cause a tripping hazard and away from edges of elevated work station.
 - Grinder must be set blade up facing down when not in use, not draped over or hanging off of material or equipment.
 - Never grind in the direction of flammables, combustibles, equipment or others.
 - Back splash, weld screen or fire blanket must be utilized.
4. Housekeeping:
 - Work clean – all scrap material, grinding dust and debris will be removed as produced and put in appropriate storage containers.
 - All tools, equipment, power cords, etc. must be kept out of paths of travel.
 - **NEVER** use grinder or other power tools in wet conditions.