

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

## Power Tools Policy & Procedures

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 must be worn during all operations which create a hazard from flying debris, metal fragments, sparks or overhead work.
  - 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. Power tools, personal or provided, shall be inspected daily at start of shift:
  - No frays to power cord.
  - Ground prong intact.
  - If not equipped with a ground prong, tool must be double insulated.
  - Stationary power tools must be mounted and secured to stable work surface.
  - Power switch in working order.
  - No cracks or defects to housing.
  - Guards and handle in place.
  - Components and attachments must be inspected before use, approved by the manufacturer, proper size, correct rating and properly attached.
  - Any tool that does not meet inspection must be removed from service immediately.

**Power tools must be unplugged while performing maintenance or while changing attachments, blades, grinding disks or while adding fluids**

3. Use of power tools:
  - You must be trained and authorized in the proper use of all tools and equipment.
  - All manufacturer guidelines and recommendations for safety, proper use, care, maintenance and storage must be followed.
  - Modifications to tools and equipment are prohibited.
  - While not in use, power tools must be turned off and unplugged.
  - While not in use, tools must be stored in a place that does not create a hazard.
4. Care of tools:
  - All manufacturer guidelines and recommendations for safety, proper use, care, maintenance, storage and record keeping must be followed.
5. 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.