



KCA TOOL BOX TALK: Arc Welding Safety

Arc welding is safe if the unit is properly inspected and used. You can receive a shock, however, from the primary (input) voltage if you touch a lead or other electrically “hot” component inside the welder while touching the welder case or grounded metal.

Signatures

- 1. _____
- 2. _____
- 3. _____
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- 18. _____

Remember:

- Inspect the arc welder before starting any work.
- Look for frayed welding leads and any damage to the welder.
- Read all warning labels and instruction manuals for the welder.
- Ground the welder case so that if a problem develops inside it a fuse will blow and disconnect the power.
- Insulate your body from the metal you are welding.
- Do not rest your body, arms, or legs on the metal being welded, especially if your clothing is wet or your skin is exposed.
- Stand on or lie on a mat of plywood, rubber, or other dry insulation.
- Do not touch the electrode or metal parts of the electrode holder with skin or wet clothing.
- Wear long sleeves and appropriate protective clothing. eye protection, gloves, and footwear to protect skin from burns due to ultraviolet light, sparks, and molten metal.
- Wear dry gloves in good condition when welding.
- Avoid welding in wet or damp areas, to prevent electrical shock.

For more information visit OSHA REGULATIONS: 1926.351 and 1926.352