



KCA TOOL BOX TALK: Arc Welding and Fire Safety

If properly inspected and used, the arc welder is very safe. If used improperly, it can expose welders to fire, explosion, and retinal burns.

Signatures

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____
- 16. _____
- 17. _____
- 18. _____

Preventing Accidental Injury or Death:

- Inspect the arc welder before starting any operation.
- Read all warning labels and instruction manuals for the welder.
- Insulate your body from the metal you are welding.
- Wear dry gloves in good condition and other appropriate clothing like long sleeves, pants, eye protection, and footwear to protect you from hot sparks, molten metal, and slag.
- Ground the welder case.
- Avoid fire hazards such as oil, grease, and flammables.
- Remove all fire hazards from the welding area for at least 35 feet.
- Have the proper class of fire extinguisher provided by the employer ready for immediate use (class A,B,C is best for most welding).
- For magnesium fires, it is best to use a Class D fire extinguisher or to cover the fire with sand or magnesium foundry flux.

For more information visit OSHA REGULATION: 1926..351 and 1926.352