

Plasma Cutting Safety Rules

1. Wear the proper PPE (Personal Protective Equipment) to protect from radiation exposure and/or hot debris. *This includes cotton clothing, pants, NO frayed edges, welding jackets, gauntlet style gloves, etc.*
2. Always use safety glasses and welding goggles (shade 5) to protect your eyes.
3. Before welding ensure your work area is clean and free of any flammable material or wet hazards.
4. Shut off your equipment when you finish cutting, also wind up hoses/cords and clean your area.
5. Use proper ventilation when welding (exhaust, local, or natural). Keep your head out of the plume.
6. Yell “cover” when starting a cut to ensure those unprotected will not be flashed.
7. Attach your ground to the piece being cut if possible, or nearby.
8. Hot material should be picked up with gloves or pliers and then quenched if necessary. Check for heat with the back of your hand.
9. Be aware of nearest fire extinguisher when using the plasma cutter.
10. Allow the machine to cool off to prevent overheating of equipment.
11. Any operation which requires a special setup must be approved by the instructor.

If you are apprehensive about using this machine, have the instructor assist you.

Always wear approved eye protection while operating this machine.