



# **SAFETY** **FIRST**

PLEASE POST THESE SAFETY RULES NEAR MACHINE FOR REFERENCE

## **SAFETY RULES** for **Miller**

### **TIG WELDER**

1. **WEAR** a welding helmet fitted with a proper shade or filter to protect your face and eyes when welding or watching (see ANSI Z49.1 and Z87.1 Safety Standards).
2. **WEAR** protective clothing made from durable, flame-resistant material (leather and wool) and foot protection.
3. **FUMES AND GASSES** can be hazardous to your health, read the Material Safety Data Sheets (MSDS) and the manufacture's instructions for metals, consumables, coatings, cleaners, and degreasers.
4. **ONLY QUALIFIED** persons should operate this unit.
5. **KEEP EVERYBODY AWAY**, during operation, especially children, **ELECTRIC SHOCK** can kill. Do not touch live electrical parts.
6. **DO NOT** touch electrode if you are in contact with the work, ground, or another electrode from a different machine.
7. Keep all panels and covers securely in place.
8. **CLAMP** work cable with good metal-to-metal contact to workpiece or worktable as near the weld as practical.
9. **DO NOT** weld where flying sparks can strike flammable material.
10. **WEAR DRY**, hole-free insulating gloves and body protection.
11. **INSULATE** yourself from work and ground using dry insulating mats or covers big enough to prevent any physical contact with the work or ground.
12. **DO NOT** use worn, damaged, undersized, or poorly spliced cables.
13. **DO NOT** weld on coated metals, such as galvanized, lead, or cadmium plated steel, unless the coating is removed from the weld area, the area is well ventilated. The coatings and any metals containing these elements can give off toxic fumes if welded.
14. **TURN** off all equipment when not in use.
15. **DO NOT** drape cables over your body.
16. **BE SURE** cylinders are secured to prevent tipping. Replace caps securely when moving cylinders.
17. **REMOVE** butane lighters, matches, paper, etc., from pockets before beginning to weld.
18. **CLEAN** the welder and work area before leaving the machine.