



Welding Safety Checklist

AROUND THE SHOP

- ☐ Clean, dry workspace away from any flammable liquids or solvents
- ☐ Metal-on-metal work clamp connection
- ☐ Secured gas cylinder
- ☐ Hoses free of leaks, moved off the ground

WELDING TOOLS

- ☐ Pliers
- ☐ Needle nose / snips
- ☐ Chipping hammer
- ☐ Wire brush
- ☐ Grinder discs
- ☐ Cut-off wheels

VENTILATION

- ☐ Open window or door
- ☐ Exhaust fan, if needed
- ☐ Small fume extractor

PPE

- ☐ Safety glasses
- ☐ Welding helmet: auto-darkening or flip-shade with current ANSI certification
- ☐ Flame-resistant clothing with cuffs & pockets buttoned
- ☐ Gloves (leather for welding)
- ☐ Leather shoes (high-tops, steel toes are a bonus)
- ☐ Respiratory mask

SAFE WELDS

- ☐ Correct wire or electrode for material thickness
- ☐ Proper machine settings for the application
- ☐ Joint prep: grind off any surface material and paint
- ☐ Repairing cracks: fully grind out cracks and holes on both sides of the metal
- ☐ Make multiple passes at the recommended travel speed; slower is not better