



# 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