



WELDING TRAINING & CERTIFICATION™: STEEL SECTIONING

FACILITY PREPARATION CHECKLIST

Thank you for your interest in participating in the I-CAR® Welding Training & Certification: Steel Sectioning course. Taking this action is a meaningful step in your professional growth in the collision industry.

Please **provide** the following **PERSONAL** items for **each participant**:

- Government-issued photo ID
- Welding magnifying lens (If needed)
- Welding respirator (NIOSH approved)
- Ear protection
- Leather boots or shoes (no tennis shoes)
- Leather welding cape or welding shirt
- Safety glasses / face shield
- Welding and work gloves
- Welding helmet shade of 10 or higher (Auto-darkening lens preferred)

Please **provide** the following **SHOP EQUIPMENT**:

- GMA (MIG) welder 140 amps or greater (1 machine for every 3 participants)
- ER70S-6 welding wire size .023" to .030" (0.6 mm to 0.8 mm)
- Heavy duty vice or equivalent
- Extra bottle of 75% argon/25% CO₂ shielding gas, for use as backup
- Extra roll of ER70S-6 welding wire size .023" to .030" (0.6 mm to 0.8 mm) for use as backup
- Fire extinguisher with current inspection tag
- Extra consumable supplies: contact tips, replacement nozzle; gun liner must match size of wire used.
- Drive rolls matched to the type and size of the wire used (V-shaped for steel)
- Welding screens or welding blankets to protect items near welding area
- Auxiliary lighting (Optional – recommended)
- Roll of 3/4" masking tape

SMALL SHOP / STUDENT TOOLS per student:

- 5/16" (8 mm) punch or drill bits
- 1/4" (6 mm) punch or drill bits
- Metric measuring tape
- 2 pair duckbill and regular locking pliers
- 1 pair 6" C-clamp locking pliers
- Side-cutting or welding multi-tool
- Plastic abrasive pads (Panel prep pads)
- Cutoff wheel with spare disks
- Spot weld drill and required bits
- Angle grinder (3" or 6")
- Body and ball peen hammer
- Body dolly and chisel
- Air hammer with flat chisel
- Center punch
- Straightedge and square
- Scratch awl
- Air saw or reciprocating saw with blades
- Shop towels
- Cleaning supplies for bare metal