



WELDING TRAINING & CERTIFICATION™: STEEL SECTIONING (ST105L01)

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.

PERSONAL

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

- Government issued photo ID
- Ear plugs protection
- Leather boots or shoes (no tennis shoes)
- Leather welding cape or long sleeve welding shirt
- Welding magnifying lens per individual need for improved vision
- Safety glasses (must be worn at all times)
- Welding gloves
- Welding helmet (auto darkening lens preferred)
- New plastic lens cover for welding helmet
- Welding respirator (NIOSH approved)
- Face shield

SHOP EQUIPMENT

Please ***provide*** the following:

- Welder (MIG) 140 amp or greater (1 machine for every 2 participants)
- 75%/25% Argon/CO2 Shielding gas
- Extra bottle of 75%/25% Argon/CO2 Shielding gas, for use as back up
- ER70S-6 welding wire (.023 to .030)
- Extra roll of ER70S-6 welding wire (.023 to .030), for use as back up
- 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
- Recommended: Small parts kit with consumable supplies for each welder listed above
- Recommended: Auxiliary lighting/fluorescent drop light
- Sturdy mounted vise mounted in the welding area for destructive testing welds
- Classroom with tables and chairs
- Welding screens or welding blankets to protect items near welding area

SMALL SHOP TOOLS

Please ***provide*** the following:

- 2 pair duckbill locking pliers
- 2 pair locking pliers
- 1 pair 6" C-clamp locking pliers
- Felt-tipped permanent marking pens: red/black
- Regular pliers or welding pliers
- Side-cutting pliers or welding pliers
- Metric measuring tape
- Plastic abrasive pads (Panel prep pads typically used for refinishing)
- 8mm or 5/16" punch deep reach or drill
- Extra 5/16" drills for use as needed
- 6mm or 1/4" punch deep reach or drill
- Extra 1/4" drills for use as needed
- Cut off wheel with spare disk
- Air saw with extra blades
- Spot weld drill and required bits
- Metric measuring tape
- Small grinder with disk
- Ball peen hammer
- Body hammer
- Multi purpose body dolly
- Small flat chisel
- Air hammer with flat chisel
- Center punch
- Straight edge
- Carpenter square or utility square
- Scratch awl
- Stainless steel brush
- Roll of 3/4" masking tape
- Tin snips
- Reciprocating saw with blades
- Note pad with pencil