



Learning Objectives – Welder Helper

Technical/Academic Skills and Content	Related Job Tasks	Evidence or Outcomes
MIG and TIG welding	Experience or familiarity with MIG and TIG welding procedures	Correct applications of and proficiency in MIG or TIG welding procedures
Hand tools	<p>Basic hand and power tool experience: drill motors, cutoff saws, grinders, belt sanders</p> <p>Help set up equipment and furnish hand tools, materials and supplies to the mechanics</p>	<p>Proper use and maintenance of hand tools</p> <p>Supply mechanics and welders with proper tools</p> <p>Safe use of all tools and equipment</p>
Occupational health and safety	<p>Familiarity with OSHA safety rules/regulations</p> <p>Maintain a clean and safe work area and perform all work in accordance with established safety procedures</p>	Successful compliance with Corporate/OSHA safety standards

Employability/ Interpersonal Skills	Related Job Tasks	Evidence or Outcomes
Problem solving	<p>Consider all potential parts and related causes</p> <p>Evaluate the advantages and disadvantages associated with each potential solution identified for a problem</p>	Troubleshoot by understanding blueprints, identifying issues and taking corrective actions
Physical strength and stamina	Ability to work in high heat environments; good hand/eye coordination and manual dexterity; can lift/carry up to 70 lbs	Doesn't let physical demands affect performance
Collaboration	<p>Complete tasks as they have been assigned or agreed upon by the group</p> <p>Help team members complete tasks, as needed</p>	<p>Know role with team and efficiently fulfill responsibilities</p> <p>Other welders find it easy to work with team member</p>

Adapted from material created by the NYC Labor Market Information Service, CUNY Graduate Center.