Safe Work Procedure

**NOTE: DO NOT use this machine unless you have been trained in its safe use and operation.**

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| Description of Work: | | | Using a Metal Inert Gas (MIG) Welder | | | | | | | | |
| **MIG Welder** | | | | | | **Potential Hazards:** Fire and electrical hazard with the potential to cause harm through impact and cutting, exposure to heat, projectiles, sparks, sharp objects, electric shock, fumes, radiation and flame. | | | | | |
| **Personal Protective Equipment (PPE) Required** *(Check the box for required PPE*): | | | | | | | | | | | |
| hand protection Gloves | | dust mask Face Masks | | safety gogglesEyeProtection | face shield Welding Mask | | foot protection Appropriate  Footwear | | hearing prot Hearing Protection | safety apron Protective Clothing | |
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| **Safe Work Procedure Checklist:** | | | | | | | | | | | |
| 1. PRE-Operation/Task:   * Task (e.g. Drawings, instructions, specifications etc.) is clearly understood. * Ensure the work area is clean and clear of grease, oil and any other flammable materials. * Keep the welding equipment, work area and gloves dry to avoid electric shocks. * Ensure the gloves, welding gun and work leads are in good condition. * Check that other work areas are protected from flash. * Ensure appropriate ventilation is in place prior to use. * Ensure appropriate PPE is worn. * Identify ON/OFF switch and emergency stop button (if applicable).   2. Operation/Task:   * Keep hands clear of work piece and away from electrode. * Ensure machine is correctly set up for current, voltage, wire feed and gas flow. * Ensure work return cables make firm contact to provide a good electrical connection. * Never leave the welder running unattended.   3. POST-Operation/Task:   * Switch off machine and fume extraction (if relevant). * Close gas cylinder valve. * Hang up welding gun and welding cables. | | | | | | | | | | | |
| **Competent Person(s):** (The following persons are authorised to operate, supervise and test students on the equipment/process). | | | | | | | | | | |
| **Name:** | **Title:** | | | | | | | **Contact Details:** | | |
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