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 Battery Charger | | | | | | | | |
| Battery Charger   100_0587 | | | | | | **Potential Hazards:** Electrical hazard with the potential to cause harm through exposure to electricity, fire and explosion, and slips, trips and falls. | | | | | |
| **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:   * Wear eye protection when working around batteries. * Ensure charger is not used near ignition sources, there is good ventilation and avoid producing sparks.   2. Operation/Task:   * When lifting a battery, use a battery carrier or lift at opposite corners of the base. * Do not attempt to charge or load-test a maintenance-free battery when the charge indicator dot is yellow or clear, or otherwise indicating insufficient electrolyte. * When connecting the leads, connect the positive lead first, then the negative lead, to avoid sparks. * Use appropriate adapters to connect charger leads to side terminal batteries. * Always turn a battery charger off, before connecting or disconnecting the leads. * Ensure the ignition switch is OFF before connecting or turning the charger ON. Sudden power surges can destroy electronic components. * Disconnect the negative battery cable if the battery is to remain in the vehicle whilst charging. * When turning the charger ON, slowly increase the charge rate. If gassing or spewing occurs, turn the charger OFF.   3. POST-Operation/Task:   * Turn OFF battery charger and disconnect leads once battery is fully charged. * Leave work area and equipment in a safe and clean state. | | | | | | | | | | | |
| **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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