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 protectionGloves | dust maskFace Masks | safety gogglesEyeProtection | face shieldWelding Mask | foot protectionAppropriateFootwear | hearing protHearing Protection | safety apronProtective Clothing |
| [ ]  | [ ]  | [x]  | [ ]  | [x]  | [ ]  | [x]  |
|  **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.
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| **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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