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 Centrifugal Machine  |
| **Centrifugal Casting Machine  Picture_101** | **Potential Hazards:** Electrical hazard with the potential to cause harm through entanglement, impact and cutting, exposure to heat, projectiles, fumes, and flame. |
| **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]  | [ ]  | [x]  | [ ]  | [x]  |
|  **Safe Work Procedure Checklist:** |
| 1. PRE-Operation/Task:* Ensure 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.
* Ensure mould is securely fastened.
* Ensure the gloves, gas torch and hose are in good condition (i.e. no gas leak).
* Ensure appropriate ventilation is in place prior to use as heating of metal/wax in the mould will release harmful fumes.
* Ensure appropriate PPE is worn.

2. Operation/Task:* Keep hands clear of work piece during heating.
* If heating is finished or interrupted, switch off gas torch.
* Never leave the gas torch running unattended.

3. POST-Operation/Task:* Switch off fume extraction (if relevant).
* Ensure good housekeeping practices and leave the area clean and tidy.
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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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