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 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:   * 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. | | | | | | | | | | | |
| **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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