Safe Work Procedure

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

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Description of Work: | | | Using a Horizontal Drill (Dowelling Machine) with Pneumatic Clamp | | | | | | | | |
| Horizontal Drill (Dowelling Machine)   100_0451 | | | | | | **Potential Hazards:** Exposed moving parts and electrical hazard with the potential to cause harm through entanglement, impact and cutting, crushing, exposure to heat, noise, dust, projectiles and sharp objects. | | | | | |
| **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 | |
|  | |  | |  |  | |  | |  |  | |
| **Safe Work Procedure Checklist:** | | | | | | | | | | | |
| 1. PRE-Operation/Task:   * Ensure task (e.g. Drawings, instructions, specifications etc.) is clearly understood. * Ensure eye, hearing and clothing protection and appropriate footwear is worn prior to operation. * Ensure that drill bit is tight in chuck and chuck key has been removed. * Check that work piece is securely clamped via pneumatic clamp. * Check that correct drill speed has been set. * Where necessary, ensure that the depth stop for drill has been set or wood to be drilled is rested on scrap. * Ensure appropriate guarding is in place. * Identify ON/OFF switch and emergency stop button (if applicable).   2. Operation/Task:   * Check, that drill runs ‘true’ and does not wobble. * Keep hands clear of work piece when activating the pneumatic clamp. * Keep hands away from rotating tool. * Back out frequently on deep cuts to clean and cool drill bit. * Turn off machine before drill speeds are changed. * Check that guarding is in place before machine is re-started.   3. POST-Operation/Task:   * Switch off drill before removing chips and shavings from the drill table. * Ensure good housekeeping practices are in place to minimise dust build-up. * Return clean drill bit to drill rack. | | | | | | | | | | | |
| **Competent Person(s):** (The following persons are authorised to operate, supervise and test students on the equipment/process). | | | | | | | | | | |
| **Name:** | **Title:** | | | | | | | **Contact Details:** | | |
|  |  | | | | | | |  | | |
|  |  | | | | | | |  | | |