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| **Site / Area:** | |  | | **Date of assessment:** |  | **Risk Assessment #:** | **039RA** |
| **Completed by (name):** | |  | | **Signature:** |  | | |
| **In Consultation with** | |  | | **Signature:** |  | | |
| **Identify / describe activity, equipment, area or event you are assessing:** | | | | | **Bandsaw** | | |
| **In conjunction with this risk assessment, training / education and development of a relevant SOP may be required.** | | | | | | | |
| **Step 1:** **Identify the hazard/s:**What do you believe are the hazards?(Refer Risk Assessment Guideline (015G)) | | **Step 2: Assess the risks:**  What do you believe are the risks?  (Refer *Risk Assessment Guideline (015G)*) | | **Step 3: Reducing the risk:** What do you believe can be done to reduce the risk? (Refer *Risk Assessment Guideline (015G)*) | | |
| **What could cause harm?** | | **What could go wrong?** | | **Controls** | | |
| **Electricity**   * Frayed / loose cords / plugs * Faulty appliances * Damaged switches | | * Electric shock * Electrocution * Fire * Equipment Failure * Equipment Damage | | * Residual Current Devices (RCD’s) tested regularly and records retained * Testing and Tagging * Interlock fitted * Emergency stop fitted * Preventative Maintenance Schedule * Fire extinguishers / first aid kits available. * When not in use the equipment is locked out / isolated. | | |
| **Airborne Contaminants**   * Dust | | * Asthma * Irritation * Injuries | | * Dust extraction * Preventative Maintenance * Pre-operational checks * Personal Protective Equipment (PPE) (dust mask, eye protection) | | |
| **Noise**   * Prolonged Exposure * Sudden Exposure | | * Hearing impairment * Hearing Loss * Poor Communication | | * Isolate bandsaw where practicable * Personal Protective Equipment (PPE)  Ear PlugsEar Muffs | | |
| **Hazardous Manual Task**   * Sustained or awkward postures * Repetitive movement * Stacking / storage | | * Incorrect lifting, pushing, pulling, holding & restraining * Sprains & strains * Overuse syndrome * Fatigue | | * Trolleys / sack trucks available for moving the bandsaw. * Trolleys are available for moving items if required | | |
| **Gravity**   * Dusty floors * Inappropriate footwear | | * Slip, trip, fall * Concussion * Fracture | | * Enclosed / Steel Capped Footwear (dependent on site requirements) * Housekeeping | | |
| **Machinery & Equipment**   * Unguarded blades * Parts disintegrating and / or being ejected * Sharp edges – moving or stationary | | * Amputations * Lacerations * Contusions * Dislocations | | * Keep clear of moving parts. * Adequate guarding * Preventative Maintenance Schedule * Pre-operational checks * Personal Protective Equipment (PPE) * Safety Shoes * Eye Protection * Lock out / Tag Out * Cut resistant gloves to be used for maintenance activities. * Adequate safe work zone set up around the machine | | |
| **Other** | |  | |  | | |

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| **Authorised by:** |  | **Signature:** |  | **Date:** |  |

**Review hazard/risk assessment if task or circumstances change and at intervals appropriate to the level of risk (minimum 5 years).**

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| **Step 4: Monitor & review:**  (Refer to hazard sheet)  **Please tick Yes or No** | | | | | | | | |
| **Were the controls effective?** | | | | **Were there any unforeseen hazards/ incidents?** | | | | **New controls** |
| **Yes** |  | **No** |  | **Yes** |  | **No** |  |
| **DETAILS** | | | | **DETAILS** | | | | **DETAILS** |
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| **Name:** |  | **Signature:** |  | **Date:** |  |