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| --- | --- | --- | --- | --- | --- |
| Site / Area: |       | Date of Assessment |       | Risk Assessment # | **066RA** |
| Completed by (name) |       | Signature |       |
| In Consultation with: |       | Signature |       |
| Identify / describe activity, equipment, area or event you are assessing: | **Panel Saw** |
| Authorised by: |       | Signature: |       | Date: |       |
| In conjunction with this risk assessment, training / education and development of a relevant SOP may be required. |
| **Step 1:** **Identify the hazard/s / Impact:**What do you believe are the hazards?What could happen? | **Step 2: Assess the potential risks:**Template only MUST modify to site conditionsWhat do you believe are the risks?How could this happen? | **Step 3: Reducing the risk:**What do you believe can be done to reduce the risk?Controls |
| **Machinery & Equipment*** Operation of the Plant (Mechanical Hazard)
 | * Laceration or amputation to a worker/others fingers or hand on the cutting blade
* Worker/other becoming entangled in moving parts of the plant
* Worker/other being struck by the moving table
 | * The plant is fitted with the manufacturers guarding
* Exclusion zones around machinery are marked on the floor
* Regular workplace inspections are conducted
* Workers are trained in plant maintenance, and all equipment is “locked-out” electrically when maintenance is undertaken
 |
| **Electricity*** Electrical installation could be impacted and damaged
* Wiring could cause an electrical fire
* Unable to stop the plant in an emergency (Operational controls and e-stop)
 | * Electrocution
* Electric shock
* Fire
 | * The plant undergoes regular electrical inspections
* The main power distribution board is RCD protected and checked regularly
* Workplace inspections are conducted to identify defective items
* Plant is fitted with standard on/off control panel and twist/lock-off style emergency stop switch
 |
| **Airborne Contaminants*** Dust
 | * Asthma
* Irritation to the lungs
* Worker/other receiving an eye injury from flying particles
 | The panel saw is connected to the main extraction system and unit is regularly maintained Paper dust masks are available on request* Eye protection is worn by all workers and others when using the plant
 |
| **Noise** | * Potential hearing loss/impairment
* Workers/others cannot communicate due to noise
 | Hearing protection is available if required * Workers/others are trained on the dangers of workplace noise
 |
| **Hazardous Manual Tasks*** Sustained or awkward postures
* Limited work space available
* Poor work area design Bending/stooping to cut timber
* Moving projects on/off the cutting table
 | * Sprains/strains
 | Plant is set at a suitable height to minimise stoopingTrolleys are available for moving items if requiredAll workers and others are trained in safe manual handling techniques  |
| **Other:** |  |  |
| **Review hazard / risk assessment if task or circumstances change & at intervals appropriate to the level of risk (minimum 5 years)** |
| **Step 4: Monitor & Review:** |
| Were the controls effective? | Were there any unforeseen hazards / incidents? | New controls |
| Yes | [ ]  | No | [ ]  | Yes | [ ]  | No | [ ]  |
|  |  |  |
| Name: |  | Signature |  | Date |  |