|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Site / Area: |       | Date of Assessment |       | Risk Assessment # | **080RA** |
| Completed by (name) |       | Signature |       |
| In Consultation with: |       | Signature |       |
| Identify / describe activity, equipment, area or event you are assessing: | **Thicknesser** |
| 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 |
| **Electricity*** Damaged electrical cord
* Electrical fault within the piece of machinery
* Overloading power sockets
 | * Electric shock/burns
* Electrocution
* Fire
* Equipment Damage
 | * Visual inspections before use
* All faults reported immediately
* Ensure electrical equipment is in good working order (testing and tagging)
* Residual current device (RCD) push button tested according to legislative requirements
* RCD time tested according to legislative requirements
* Fire wardens are trained in fire extinguisher use and emergency evacuation
* Ensure equipment is appropriately maintained, and appropriate isolation procedures (i.e. lock out tags) are in place.
 |
| **Gravity*** Slippery surfaces
* Inappropriate footwear
* Trip hazards - Inappropriate placement of objects (e.g. spare materials, electrical cords, etc.) in the immediate vicinity of the plant equipment may result in a trip hazard.
 | * Slip, trip, fall
* Concussion
* Fracture
 | * Good housekeeping practices
* Nonslip footwear
* Workplace inspections
* Exclusion zones around machinery
 |
| **Hazardous Manual Tasks*** Bending/stooping to cut timber
* Moving projects on/off the cutting table
 | * Sprains & strains
* Fatigue
 | * Plant is set at a suitable height to minimise stooping
* Trolleys are available for moving items if required
* Limited time using this piece of machinery
 |
| **Noise*** Loud machinery in an indoor environment
 | * Potential hearing loss/impairment
* Workers / others cannot communicate due to noise
 | * Hearing protection is available if required
* Workers have audiometric testing (hearing tests) every 2 years
 |
| **Machinery & Equipment*** Guarding is inadequate
* Parts disintegrating and / or being ejected
* Blades not attached correctly
 | * Worker / others receiving a laceration to their fingers or hand from contact with the cutting blade.
* Worker/student becoming entangled in moving parts of the plant
* Timber products “kicking out” and hitting a worker/student
 | * Preoperational checks are completed.
* The cutting blades are guarded with the OEM guard
* Regular workplace inspections are conducted
* No loose clothing or items worn while using machinery
* Workers are trained in plant maintenance, and all equipment is “locked-out” electrically when maintenance is undertaken
 |
| **Airborne Contaminants*** Dust
 | * Asthma
* Irritation to the lungs
* Worker/student receiving an eye injury from flying particles
 | * PPE is available on request
* Dust is not blown off with compressed air
* Plant has dust extraction system fitted.
* Workplace inspections
 |
| **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 |  |