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| Site / Area: |       | Date of Assessment |       | Risk Assessment # | 081RA |
| Completed by (name) |       | Signature |      Template only MUST modify to site conditions |
| In Consultation with: |       | Signature |       |
| Identify / describe activity, equipment, area or event you are assessing: | Timber Planer |
| 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:**What 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 |

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| **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
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| **Gravity*** Slippery surfaces
* Inappropriate footwear
* Trip hazards
* Obstructed or cluttered work area around the machine
 | * Slip, trip, fall
* Concussion
* Fracture
 | * Exclusion zones around machinery
* Maintain a clear work space in and around the machine
* Provide non-slip floor surfaces that give a firm foothold
* Good housekeeping practices
* Non slip footwear
* Workplace inspections
 |
| **Hazardous Manual Tasks*** Bending/stooping to cut timber
* Moving projects on/off the cutting table
 | * Sprains & strains
* Fatigue
 | * Store raw materials at appropriate height to avoid the need for bending or twisting
* Use a second person or trolley to guide a long or large piece from the machine
* 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
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| **Noise*** Loud machinery in an indoor environment
 | * Potential hearing loss/impairment
* Workers / others cannot communicate due to noise
 | * Local acoustic dampening is in place (where practicable) to reduce noise levels
* Hearing protection is available if required
* Warning signs displayed in the workshop
* Workers have audiometric testing (hearing tests) every 2 years
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| **Machinery & Equipment*** Guarding is inadequate
* Parts disintegrating and / or being ejected
* Blades not attached correctly or damaged
* Crushing from transmission drive (access to internal area of machine)
 | * Cuts / lacerations
* Worker / others becoming entangled in moving parts of the plant
* Timber products “kicking out” and hitting a worker / other
 | * Anti-kickback device fitted to the machine and maintained
* Pre operational checks are completed.
* The cutting blade is guarded with the OEM guard. Fixed guarding encloses all transmission and associated moving parts
* Push block of suitable proportions should be used with the heel stop.
* 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
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| **Airborne Contaminants*** Dust and vapours
 | * Asthma
* Irritation to the lungs
* Worker / others receiving an eye injury from flying particles
 | * Provide and maintain local exhaust ventilation
* Regularly vacuum dust and sawdust
* PPE is available on request
* Dust is not blown off with compressed air
* Plant has dust extraction system fitted.
* Workplace inspections
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| 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 | [ ]  |
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