Template only MUST modify to site conditions

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| Site / Area: |       | Date of Assessment |       | Risk Assessment # | **047RA** |
| Completed by (name) |       | Signature |       |
| In Consultation with: |       | Signature |       |
| Identify / describe activity, equipment, area or event you are assessing: | Cut Off 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:**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 |
| * Operation of the Plant
 | * Worker/student becoming entangled in moving parts of the plant
* Amputation, laceration or friction burn to a worker/students fingers or hand
* Worker injured while conducting maintenance on the plant
* Worker/student could receive an eye injury from flying particles or cut-off disc disintegrating
 | Workers/students are adequately trained in the hazards and safe operation of the plantRegular workplace inspections are conductedWorker/students are provided with personal protective equipment (PPE)There is a safe operation procedure for using the plantWorkers are trained in plant maintenance and all equipment is “locked-out” electrically when maintenance is undertaken Guarding is fitted and maintained to minimise access to moving parts. |
| * Electrical
 | * Worker or student could get electrocuted or receive an electric shock from poorly maintained/damaged plant
* Electrical installation could be impacted and damaged
* Wiring could cause an electrical fire
 | The plant undergoes regular electrical inspections (test & tag)The main power distribution board is RCD protectedWorkplace inspections are conducted to identify defective items Plant is fitted with standard on/off control panel. |
| * Metal Dust
 | * Asthma
* Irritation to the lungs
 | PPE is available on requestDust is not blown off with compressed air |
| * Heat
 | * Burns to workers/students fingers or hands from cut metal
 | PPE is provided to workers and studentsSafe operating procedure in place |
| * Noise
 | * Potential hearing loss/impairment
* Workers/students cannot communicate due to noise
 | PPE is available on requestWorkers/students are trained on the dangers of workplace noise  |
| * Manual Handling
 | * Workers/students could receive an injury due to poor work postures
 | Plant is set at a suitable working height Trolleys are available for moving items if requiredAll workers and students are trained in safe manual handling techniques  |
| * Other:
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| **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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