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| **Date of assessment:** |       | **Site / Area:**  |  | **Risk Assessment #:** | **047RA** |
| **Department/Area:** |       |
| **Identify / describe activity, equipment, area or event you are assessing:**  | **Cut-Off Saw** |

| **Step 1:** **Identify the hazard/s:**What do you believe are the hazards?(Refer hazard sheet) | **Step 2: Assess the risks:**What do you believe are the risks?(Refer hazard sheet ) | **Step 3: Reducing the risk**:What do you believe can be done to reduce the risk?(Refer hazard sheet ) |
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| **What could cause harm?** | **What could go wrong?** | **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  |
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| **Completed by (name):** |  | **Signature:** |  | **Date:** |  |
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| **In consultation with (name):** |  | **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:** |  |