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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 ) |
| --- | --- | --- |
| **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 undertakenGuarding 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 itemsPlant 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 heightTrolleys 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:** |  |