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 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 | |
| * 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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