Template only MUST modify to site conditions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Site / Area: |       | Date of Assessment |       | Risk Assessment # | **041RA** |
| Completed by (name) |       | Signature |       |
| In Consultation with: |       | Signature |       |
| Identify / describe activity, equipment, area or event you are assessing: | **BELT SANDER - FIXED** |
| 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 |
| **Electricity*** Frayed / loose cords / plugs
* Faulty appliances
* Damaged switches
 | * Electric shock
* Electrocution
* Fire
* Equipment Failure
* Equipment Damage
*
 | * Residual Current Devices (RCD’s)
* Testing and Tagging
* Preventative Maintenance Schedule
* Emergency Stops
* Lock Out / Tag Out
*
 |
|  **Airborne Contaminants*** Dust
* Vapours
 | * Asthma
* Irritation
* Injuries
 | * Dust extraction / Local Exhaust Ventilation installed
* Preventative Maintenance Schedule
* Pre-operational checks
* Personal Protective Equipment (PPE) (Dust Mask, Eye Protection)
 |
| **Noise*** Prolonged Exposure
* Sudden Exposure
 | * Hearing impairment
* Hearing Loss
* Poor Communication
 | * Local acoustic dampening to reduce noise levels.
* Training
* Workplace Inspections
* Preventative Maintenance
* Personal Protective Equipment (PPE) (Ear plugs/muffs)
 |
| **Hazardous Manual Task*** Sustained or awkward postures
* Repetitive movement
* Fatigue
 | * Incorrect lifting, pushing, pulling, holding & restraining
* Sprains & strains
* Overuse syndrome (RSI)
* Fatigue
 | * Raw materials are stored at appropriate heights to avoid need for bending and twisting
* Ergonomic Set-up
* Trolleys / sack trucks available
 |
| **Gravity*** Wet floors
* Inappropriate footwear
 | * Slip, trip, fall
* Concussion
* Fracture
 | * Hazard reporting
* Wet floor signs
* Appropriate footwear
* Workplace Inspections
 |
| **Mechanical*** Unguarded plant
* Parts disintegrating and / or being ejected
* Sharp edges – moving or stationary
* Pinch points
* Entanglement
* Entrapment
* Crushing from transmission drive
 | * Amputations
* Lacerations
* Contusions
* Dislocations
* Burns
* Abrasions
 | * Keep clear of moving parts.
* Guards fitted over belt wheels and correctly adjusted.
* Preventative Maintenance
* Workplace Inspections
* Pre-operational checks
* Information, Instruction and Training
* Personal Protective Equipment (PPE) (Safety Shoes, Eye Protection)
* Lock Out / Tag Out
* Worktable or rest is used to guide work piece during sanding.
 |
| **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 | [ ]  |
|  |  |  |