|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Site / Area:** | |  | | **Date of assessment:** |  | **Risk Assessment #:** | **087RA** |
| **Completed by (name):** | |  | | **Signature:** |  | | |
| **In Consultation with** | |  | | **Signature:** |  | | |
| **Identify / describe activity, equipment, area or event you are assessing:** | | | | | **Waste Management** | | |
| **In conjunction with this risk assessment, training / education and development of a relevant SOP may be required.** | | | | | | | |
| **Step 1:** **Identify the hazard/s:**What do you believe are the hazards?(Refer Risk Assessment Guideline (015G)) | | **Step 2: Assess the risks:**  What do you believe are the risks?  (Refer *Risk Assessment Guideline (015G)*) | | **Step 3: Reducing the risk:** What do you believe can be done to reduce the risk? (Refer *Risk Assessment Guideline (015G)*) | | |
| **What could cause harm?** | | **What could go wrong?** | | **Controls** | | |
| **Hazardous Manual Tasks**   * Twisting, bending, reaching, lifting and pulling when transferring and disposing of waste * Not securing waste prior to moving * Not following correct manual handling techniques * Overloading of bins, trolleys * Twisting, reaching, and pulling when placing and removing bin into bin tipper * Poorly maintained bins and trolleys * Untrained persons conducting maintenance | | * Musculoskeletal Injuries * Sprains strains * Fatigue | | * Mechanical Aids * Trolleys, bins to be loaded to just under capacity only. * Specified collection times * Signage as required to inform persons of where to put waste * Maintenance Scheduled * Broken items tagged out of service * Use of trained competent person to conduct scheduled repairs | | |
| **Gravity**   * Interaction with moving plant (pallet jacks) * Uneven floor/ground surfaces * Slippery floor from spills | | * Slip, trip, fall * Concussion * Fracture | | * PPE provided for all tasks * All steps are highlighted * All spills to be cleaned immediately * Non slip footwear to be worn | | |
| **Hazardous Chemicals**   * Exposure to chemicals when transferring and disposing of waste chemicals | | * Irritation / harm to eyes, nose, respiratory tract * Skin sensitisation disorders | | * Waste stored on site to be in a suitable container according to the type of waste and in a secure area * PPE provided for all tasks * Bins locked in dedicated areas * Signage * Option of alternative duties for workers that are pregnant, breast feeding or planning parenthood | | |
| **Biological**   * Exposure to dusts when transferring and disposing of waste * Exposure to biological waste when transferring and disposing of waste * Needle-stick / sharps injuries | | * Asthma * Irritation to the lungs * Worker/student receiving an eye injury from flying particles | | * PPE provided for all tasks * All Workers exposed to diseases are to receive vaccinations * Segregation and identification of waste streams for correct disposal | | |
| **Radiation**   * Radioactive Waste | | * Exposure to radiation, when entering certain departments | | * All workers trained in collection of radioactive waste from designated departments * Authorised workers only * Client double bags and checks half-life to ensure waste can enter general waste cycle. * Double bags in closed green MGB’s * With client representative when entering area at all times. | | |
| **Other**   * Environmental | | * Unpleasant odour * Spills * Incorrect transportation of waste * Faulty and/or damaged bins * Faulty equipment * Untreated Waste going to landfill | | * Mobile garbage containers regularly cleaned * Containers lidded * Bagging of waste * Spill Kits * Work Instruction’s to deal with spills * Maintenance schedules on equipment * Pre checks on bins prior to moving * Autoclaving of certain waste prior to leaving site * Licenced waste disposal contractor | | |
| **Machinery & Equipment**   * Cuts Lacerations * Entrapment | | * Nip points in plant/equipment * Gate to bin mover not maintained * Starting of equipment while person is inside bin tipper area | | * PPE, gloves provided * Equipment on maintenance schedule * Equipment guarding * Equipment will not start until gate closed and locked from outside * Keys removed when not in use | | |
| **Electricity**   * Damaged electrical cord * Electrical fault within the piece of machinery * Overloading power sockets | | * Electric shock/burns * Electrocution * Fire * Equipment Damage | | * Visual inspections before use * All faults/damaged equipment is reported immediately * Ensure electrical equipment is in good working order (testing and tagging) * Residual current device (RCD) push button tested according to legislative requirements * RCD time tested according to legislative requirements * Fire wardens are trained in fire extinguisher use and emergency evacuation | | |
| **Machinery & Equipment**   * Traffic | | * Interaction with vehicles | | * Site Traffic Management Risk Assessment * Traffic Management Plan * Designated walkways * Safety signage and mirrors * All workers are required to wear hi-visibility vests in traffic areas | | |
| **Other** | |  | |  | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Authorised by:** |  | **Signature:** |  | **Date:** |  |

**Review hazard/risk assessment if task or circumstances change and at intervals appropriate to the level of risk (minimum 5 years).**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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** |
|  | | | |  | | | |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name:** |  | **Signature:** |  | **Date:** |  |