**PLANT RISK ASSESSMENT FORM**

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| **Site / Area:** | |  | | **Date of assessment:** |  | **Risk Assessment #:** | **RAXXX** |
| **Completed by (name):** | |  | | **Signature:** |  | | |
| **In Consultation with** | |  | | **Signature:** |  | | |
| **Identify / describe activity, equipment, area or event you are assessing:** | | | | |  | | |
| **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** | | |
| **Entanglement**  Can a person’s hair, clothing, gloves, neck tie, jewellery, cleaning brushes, rags or other material become entangled in moving parts or materials in motion? | | * Incorrect lifting pushing pulling, holding & restraining. * Sprains & strains | | * Hazardous manual task training | | |
| **Crushing**  Can a person be crushed due to:   * Material falling off the plant? * Uncontrolled or unexpected movement of the plat or its load? * Lack of capacity for the plant to be slowed, stopped or immobilised? * The plant tripping or rolling? * Parts of the plant collapsing? * Coming in contact with the moving parts of the plant during testing, inspection, operation or maintenance? * Being thrown off or under the plant? * Being trapped between the plant and, materials fixed structures? * Other risk factors related to crushing? | |  | |  | | |
| **Cutting, stabbing or puncturing**  Can a person be cut, stabbed or punctured due to:   * Coming in contact with sharp or flying objects? * Coming in contact with moving parts? * The plant or parts of the plant or work pieces disintegrating? | |  | |  | | |

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| **Shearing**  Can a person’s body parts be sheared between two parts of the plant or between a part of the plant and a work piece or structure? |  | * . |
| **Friction**  Can a person be burnt due to contact with moving parts or surfaces of the plant or by material handled by the plant? |  | * . |
| **Striking**  Can a person be struck by moving objects due to:   * Uncontrolled or unexpected movement of the plant or material handled by the plant? * The plant, parts of the plant or work pieces disintegrating? * Work pieces being ejected? * Mobility of the plant? |  |  |
| **High Pressure Fluid**  Can a person come into contact with fluids under high pressure due to plant failure or misuse of plant? |  |  |
| **Electrical**  Can a person be injured by electric shock due to:   * The plant contacting live electrical conductors? * The plant working in close proximity to electrical conductors? * Overload of electrical circuits? * Damaged or poorly maintained electrical leads and cables? * Water near electrical equipment? * Lack of isolation/out of service procedures? * Other factors not listed? |  |  |
| **Explosion**  Could a person be injured by explosion of gases, vapours, liquids, dust or other substances triggered by the operation of plant or by material handled by the plant? |  |  |
| **Temperature**   * Can a person come into contact with objects at high temperature? * Cam a person suffer ill health due to exposure to high or low temperatures? * Does the person have to use/operate the item of plant outdoors? |  |  |
| **Ergonomic or manual handling**  Can a person be injured due to:   * Poorly designed seating? * Repetitive body movement? * Constrained body posture? * The need for excessive effort? * Mental/psychological stress from design deficiencies? * Poor lighting? * Poor consideration given to human behaviour or error impacts? * Mismatch of the equipment with human traits and limitations? * Other factors not listed? |  |  |
| **Slip, trip or fall**  Can a person using the plant slip, trip or fall due to:   * Uneven or slippery work surfaces? * Poor storage or poor housekeeping practice such as swarf or oil on the floor in the vicinity of the equipment? * Obstacles used or stored near the plant? * Poor floor/walking surfaces? * Steep walking surfaces?   Can a person fall from a height due to:   * Lack of a proper work platform? * Lack of proper stairs or ladders? * Lack of handrails or guardrails? * Unprotected openings, holes or gaps? * Collapse of a supporting structure? |  |  |

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| **Metal fatigue**  Could injury occur to a person from:   * Damage to the structure from metal fatigue? * Damage to the structure due to poor integrity of welds? * Breakage due to loose pins or parts? * Breakage due to excessive/obvious wear of structure or parts? |  |  |
| **Noise**   * Could the person damage their hearing from use of the item? * Does the item of plant exceed 85dB(A) over an 8 hr day? |  |  |
| **Hazardous Chemicals**   * Could the person come into contact with chemicals when decanting? * Could the person be exposed to fumes/vapours whilst the item of plant is in use? * Is there adequate ventilation? |  |  |
| **Any other factors?**   * Potential foreign bodies in the eye |  |  |

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| **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).**

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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:** |  |