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| VENKO_groep_RGB | **Generic Risk Assessment** | **No:** | **Rev:** |

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| **Assessed by:** | | | **Reviewed by:** | | | | | | | **Date:** | | **Review Date:** | | | | |
| **HAZARD** | | | | | | | **New Assessment / Reviewed / Accident / Incident** | | | | | | | | | |
| **Task: Airless spraying** | | **Initial Risk Rating** | | | | **Control measures** | | | | | | | **Residual Rating** | | | |
| L | | S | Risk | L | | S | Risk |
| **Hazard / Risk** | |  | |  |  |  | |  |  | |  | |  | |  |  |
| ACTIVITY AND HAZARDS  (Identify hazards associated with task) | |  | |  |  | **Who:** | | Employees  **x** | Contractors  **x** | | Third Party  **x** | |  | |  |  |
| **How:** | | Fatal | Major | | Minor  **x** | |
| **Hazard Number** |  |  | |  |  |  | |  |  | |  | |  | |  |  |
| 1 | **Fumes**  (Inhalation) | 3 | | 4 | 12 | * Use of vapour mask during mixing paint. * Use of independent air fed mask during spraying. * COSHH assessment and MSDS to be available at worksite. * Barrier of work spot to prevent exposure to others. * Monitor air conditions * Install extra ventilation when necessary. | | | | | | | 2 | | 2 | 4 |
| **2** | **Paint Spills**  (Skin irritation, eye injury,  inhalation) | 4 | | 3 | 12 | * Use of impervious gloves * Use of safety goggles when mixing and applying paint. * COSHH assessment and MSDS to be available at worksite. * Use of fully body covered disposable coveralls. | | | | | | | 1 | | 2 | 2 |
| **3** | **Paint injection**  (Blood poisoning) | 4 | | 4 | 16 | * Hoses to be installed of the ground. * Hoses to be installed avoiding sharp etches. * Condition of hoses to be checked before use. * Use of inspected equipment. * Use of safety catches on guns. * Equipment to be de-pressurised and isolated when not in use. | | | | | | | 1 | | 3 | 3 |
| **4** | **Manual Handling**  Back injuries,  strains and sprains) | 5 | | 4 | 20 | * Manual handling according JSA “ manual handling” * Use of mechanical equipment where possible. . | | | | | | | 2 | | 2 | 4 |
| **5** | **Slips, trips & falls**  (Broken limbs Bruising  Cuts & Abrasions) | 5 | | 3 | 15 | * Hoses not to be installed in walk ways and of the ground. * When not possible, hoses have to be marked and protected * Good housekeeping. | | | | | | | 2 | | 1 | 2 |
| **6** | **Disposal of paint cans**  (Inhalation, ingestion,  ,environmental impact) | 5 | | 4 | 20 | * Disposal to be in accordance with Site Waste Management System. * Use of fully body covered clothing during cleaning out of containers. * COSHH assessment and MSDS to be available at worksite * Use of correct PPE | | | | | | | 2 | | 2 | 4 |
| **7** | **Noise**  (Hearing damage) | 4 | | 4 | 16 | * All personnel working in the deposed zone have to wear hearing protection. | | | | | | | 2 | | 2 | 4 |
| **8** | **Entanglement**  (Crush injuries,  strangulation) | 4 | | 4 | 16 | * No loose clotting to be worn. . * Long hair tied together.. * Mixing paddle with dead man’s button.. * Mixing paddle to be isolated powered of when not in use. | | | | | | | 1 | | 3 | 3 |
| **All persons undertaking activities indicated on this risk assessment form must be made fully aware of its contents and sign the Risk assessment signatory sheet** | | | | | | | | | | | | | | | | |

In assessing both the Severity and Likelihood of an event occurring, it is important to recognise that the level assigned will *de facto* take into account the effect of existing risk reduction measures. It is, therefore, necessary, when considering each hazard, to record which existing risk reduction measures are relevant and are already contributing to the risk reduction process.

**Likelihood of Injury (L):**

1. **Highly Unlikely** Not know to occur
2. **Remote**  Remote possibility of occurring
3. **Occasional**  Could happen sometime
4. **Likely**  some occurrences on record
5. **Frequent** Often noted on records

**Severity of Injury (S):**

1. **Minor**  Accident where no injury occurs
2. **Over 7 Day**  Three day reportable (Lost time)
3. **Temporary Incapacity**  Long term absence (disease)
4. **Permanent Disability**
5. **Fatality**

**x**

**The assessment shall consider the following factors**

* The requirements of any Regulations or Codes of Practice
* The views of workers
* The working environment
* Experience and abilities of staff
* The number of people who could be affected
* Levels of supervision
* Previous incidents

This matrix works by seeking the appropriate severity from across the top, and then cross referencing against the row containing the probability, to read off the estimated risk rating. The following is a guide to the matrix’s risk rating clarification:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **LIKELIHOOD** | 5 | LR  (5) | MR  (10) | | HR  (15) | VHR  (20) | | VHR  (25) | | 4 | LR  (4) | MR  (8) | | HR  (12) | HR  (16) | | VHR  (20) | | 3 | LR  (3) | MR  (6) | | MR  (9) | HR  (12) | | HR  (15) | | 2 | IR  (2) | LR  (4) | | MR  (6) | MR  (8) | | MR  (10) | | 1 | IR  (1) | IR  (2) | | LR  (3) | LR  (4) | | LR  (5) | | 0 | 1 | 2 | | 3 | 4 | | 5 | |  |  |  | **SEVERITY** | | |  |  | | **Very High Risk,** *Work should not be started or continued until the risk has been mitigated*. If it is not possible to mitigate risk even with unlimited resources, the work should remain prohibited.  **High Risk,** Work activities should not be started until the risk has been mitigated. Significant resources may have to be allocated to mitigate the risk. Where the risk involves work in progress, urgent action should be taken.  **Medium Risk,** Efforts should be made to mitigate the risk. Risk should only be tolerated for the short term, and then only whilst further control measures to mitigate the risk are being planned and introduced, and these within a pre-defined time period. However, the costs of prevention should be carefully measured.  Where the moderate risk is associated with extremely harmful consequences, further assessments maybe necessary to establish more precisely the likelihood of harm, this as a basis for determining the need for improved control measures.  **Low Risk**, Largely acceptable, subject to reviews periodically or after significant changes etc. Consideration maybe given to a more cost effective solution or improvement that imposes little or no additional cost burden.  **Insignificant Risk**, No action is required. |
| **ALARP Risk Evaluation** | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Risk |  | **÷** | Hazards |  | **=** | Risk Rating |  | | | |

**Document Control**

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| Risk Assessment prepared by: |  | Signature: |  | Date: |  |
| Risk Assessment approved by: |  | Signature: |  | Date: |  |