|  |  |
| --- | --- |
| **Assessment date:** |  |
| **Date of last review:** |  |
| **Next review date:** |  |
| **Assessment Ref:** |  |

**Abbreviations used in this risk assessment**

Where an action or reference applies to a specific person that person is referred to by his or her initials. These persons are:

Where an action devolves on a post holder the following abbreviations are used:

| **Abbreviation** | **Post** |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

| **Hazard** | **Who might be harmed** | **Consequence of Hazard (H) and associated uncontrolled Risk.** | **Risk  from matrix**\* (4) | | | **Control Measures adopted or required to make the Residual Risk Rating acceptable** | **Resi-dual Risk** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| (1) | (2) | (3) | **H** | **P** | **Risk** | (5) | **RR\*** |
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**Risk Rating Matrix**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | **Probability of Occurrence (P)** | | | | |
| Very Unlikely | Unlikely | Possible | Likely | Very likely |
| Consequence of Incident expressed as the resulting  **“Severity of Harm” (H)** | Negligible | Trivial (1) | Trivial (2) | Trivial(3) | Tolerable(4) | Tolerable(5) |
| Minor | Trivial(2) | Tolerable(4) | Tolerable(6) | Moderate(8) | Moderate(10) |
| Moderate | Tolerable(3) | Tolerable(6) | Moderate(9) | Moderate(12) | Substantial(15) |
| Major | Tolerable(4) | Moderate(8) | Moderate(12) | Substantial(16) | Very serious(20) |
| Extreme | Moderate(5) | Moderate(10) | Substantial(15) | Very serious(20) | Very serious(25) |

**Guidance on Interpretation**

| **Parameter Level** | **HSE Descriptor** | **Meaning** |
| --- | --- | --- |
| **Severity of Harm (H)** | | |
| 1 | Negligible | Postulated event not expected to lead to noticeable harm. |
| 2 | Minor | Level of harm that could lead to an injury that needs first aid treatment at the Mill |
| 3 | Moderate | Level of harm that could lead to an injury that requires professional help |
| 4 | Major | Serious medical injuries: for example broken limbs or a period of unconsciousness or the need to report the incident to a Regulatory Body |
| 5 | Extreme | Harm that could lead to death or life changing permanent injuries |
| **Probability of Occurrence (P)** | | |
| 1 | Very Unlikely | Not more than once in 10 years |
| 2 | Unlikely | Not more than once a year |
| 3 | Possible | Over 1 but not more than twice a year |
| 4 | Likely | Over 2 but not more than 4 in a year |
| 5 | Very likely | Almost certain to appear: the occurrence often overlooked as being a ‘normal everyday occurrence’. |
|  | | |

**Further Typical Measures that may be required to make the Residual Risk Acceptable**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Risk R | Trivial | Tolerable | Moderate | Substantial | Very serious |
| Comment | Residual Risk (RR= 1 to 3)  The risk is effectively non-existent and is acceptable as it stands. | RR = 4 to 6  The risk is adequately controlled but consider any justifiable minor additional measures | RR = 5-12  Additional controls should be considered where possible. The risk may or may not be adequately controlled. | RR=15-16  The risk is not adequately controlled: set out steps that must be taken before execution of operation can be approved | RR=20-25  The risk is not adequately controlled: the operation is unacceptable. Rigorous control methods are essential. Find an alternative if practicable. |