|  |  |
| --- | --- |
|  |  **Risk vs. Consequence Matrix** |
| **Safety Management System** |
| **PFNZ\_SMS\_02.01** | *Use in conjunction with PFNZ\_SMS\_02.02\_HazardRegister*  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ← **Consequence** → |  | **Risk Ranking Interpretation** |   |
| **Very Low** | **Low** | **Medium** | **High** | **Extreme** |  | **1 - 4** | **Very Low** | Undertake with care |   |
| ← **Likelihood** → | **Almost certain** | 6 | 11 | 16 | 21 | 25 |  | **5 - 8**  | **Low** | Undertake with caution |   |
| **Very likely** | 5 | 10 | 15 | 19 | 24 |  | **9 - 13** | **Medium** | Undertake with high caution |   |
| **Likely** | 3 | 9 | 14 | 18 | 23 |  | **14 - 18** | **High** | Undertake with **extreme caution** |   |
| **Possible** | 2 | 7 | 12 | 17 | 22 |  | **19 - 25** | **Extreme** | **DO NOT** undertake\* |   |
| **Very unlikely** | 1 | 4 | 8 | 13 | 20 |  | **\*Note:** | *Any ‘Extreme’ risk tasks require additional controls or alternative methods to take them out of the extreme risk category*  |   |
|  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|  |  |  **Injury Risk Consequence** |  |  **Property Damage Risk Consequence** |   |
|  |  | **Very Low** | No treatment required |  | **Very Low** | No loss |   |
|  |  | **Low** | First aid treatment |  | **Low** | Minor loss (< $5,000) |   |
|  |  | **Medium** | Medical treatment. Lost time injury ≤ 7 Days |  | **Medium** | Moderate loss ($5,000 - $50,000) |   |
|  |  | **High** | Serious harm. Hospitalisation. LTI > 7 Days  |  | **High** | Significant loss ($50,001 - $250,000) |   |
|  |  | **Extreme** | Multiple casualties. Permanent disability. Death |  | **Extreme** | Major loss (>$250,000) |   |

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| **Likelihood scale:** |
| **Almost certain:** ≥ 1x daily | **Very Likely:** ≥ 1x weekly | **Likely:** ≥ 1x monthly | **Possible:** ≥ 1x yearly | **Very unlikely:** ≥ 1x 5-yearly |