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

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | ← **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) | | | | |  |

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