|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Likelihood**   1. **Risk Matrix: Overview of tolerated risk levels** 2. **Completed Risk Matrix** | **Consequence** | | | | |
| **Insignificant** | **Minor** | **Moderate** | **Major** | **Catastrophic** |
| *Easily handled - no injury or illness*  *No LTI* | *Injury or illness requiring first aid only*  *LTI < 3 days* | *Serious injury or illness*  *LTI 4-7 days* | *Fatality or*  *LTI > 7 days* | *Multiple Fatality or permanent disability* |
| *Damage*  *< $1000* | *Damage*  *$1000 - $5000* | *Damage*  *$5000 - $10,000* | *Damage*  *$10,000 -$100,000* | *Damage*  *> $1,000,000* |
| **Almost Certain > 90% chance**  *Is expected to occur frequently (usually)* | Medium | High | High | Extreme | Extreme |
| **Likely 50–90% chance**  *Is expected to occur occasionally* | Medium | Medium | High | High | Extreme |
| **Possible 10-50% chance**  *Could occur at least once* | Low | Medium | Medium | High | Extreme |
| **Unlikely 3–10% chance**  *Might occur at least once (not to be expected)* | Low | Medium | Medium | Medium | High |
| **Rare < 3% chance**  *May only occur in exceptional circumstances* | Low | Low | Low | Medium | High |

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| --- | --- | --- | --- | --- | --- |
| **Likelihood** | **Consequence** | | | | |
| **Insignificant** | **Minor** | **Moderate** | **Major** | **Catastrophic** |
| *Easily handled - no injury or illness*  *No LTI* | *Injury or illness requiring first aid only*  *LTI < 3 days* | *Serious injury or illness*  *LTI 4-7 days* | *Fatality or*  *LTI > 7 days* | *Multiple Fatality or permanent disability* |
| *Damage*  *< $1000* | *Damage*  *$1000 - $5000* | *Damage*  *$5000 - $10,000* | *Damage*  *$10,000 -$100,000* | *Damage*  *> $1,000,000* |
| **Almost Certain > 90% chance**  *Is expected to occur frequently (usually)* |  |  |  |  | STOP! Unacceptabled Risk Levels |
| **Likely 50–90% chance**  *Is expected to occur occasionally* |  | Reduce Risk Level Immediately |  |  |  |
| **Possible 10-50% chance**  *Could occur at least once* |  | Mitigate |  |  |  |
| **Unlikely 3–10% chance**  *Might occur at least once (not to be expected)* |  |  |  |  |  |
| **Rare < 3% chance**  *May only occur in exceptional circumstances* | Acceptable Risk Levels |  |  |  |  |

1. **Blank Risk Matrix: fill out**

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| --- | --- | --- | --- | --- | --- |
| **Likelihood** | **Consequence** | | | | |
| **Insignificant** | **Minor** | **Moderate** | **Major** | **Catastrophic** |
| *Easily handled - no injury or illness*  *No LTI* | *Injury or illness requiring first aid only*  *LTI < 3 days* | *Serious injury or illness*  *LTI 4-7 days* | *Fatality or*  *LTI > 7 days* | *Multiple Fatality or permanent disability* |
| *Damage*  *< $1000* | *Damage*  *$1000 - $5000* | *Damage*  *$5000 - $10,000* | *Damage*  *$10,000 -$100,000* | *Damage*  *> $1,000,000* |
| **Almost Certain > 90% chance**  *Is expected to occur frequently (usually)* |  |  |  |  |  |
| **Likely 50–90% chance**  *Is expected to occur occasionally* |  |  |  |  |  |
| **Possible 10-50% chance**  *Could occur at least once* |  |  |  |  |  |
| **Unlikely 3–10% chance**  *Might occur at least once (not to be expected)* |  |  |  |  |  |
| **Rare < 3% chance**  *May only occur in exceptional circumstances* |  |  |  |  |  |

1. **Risk Matrix: Risk Levels**

|  |  |
| --- | --- |
| **E** | **These risks are extreme - DO NOT PROCEED**  **Tolerability to be endorsed by management**  Immediately introduce control measures to lower risk and re-assess before proceeding. |
| **H** | **These risks are very high**  Counter measure actions to mitigate these risks should be implemented as soon as possible |
| **M** | **These risks are moderate**  Counter measure actions to mitigate these risks should be implemented in the near term. |
| **L** | **These risks are low**  Monitor and implement counter measure actions to mitigate these risk as convenient |

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| --- |
| **Use the colour scheme in box 3 fill in the blank matrix**   * **There are four colours; you get an idea from box 1. Using the colour scheme above rate the risk levels in the blank matrix according to how CSA would manage them.** |