

RISK ASSESSMENT



The IRIS Risk Assessment module supports the process of identifying potential hazards and implementing countermeasures for risk mitigation. The ISM code states that all experienced or observed risks must be assessed and appropriate actions be taken,

and with the Risk Assessment module these observations and actions can easily be documented. Templates can be defined for routine jobs, work permits or other types of repeated operations.

Edit scenario

Hazard:

Consequence:
Describe in brief what could be the consequence, if there are multiple consequences for this hazard, enter one here and click Add another consequence below

First Assessment
Hover each row to see the definition

| | | |
|--|--|--|
| <p>LIKELIHOOD</p> <p><input checked="" type="radio"/> 1. Rarely</p> <p><input type="radio"/> 2. Remote</p> <p><input type="radio"/> 3. Occasional</p> <p><input type="radio"/> 4. Frequent</p> <p><input type="radio"/> 5. Almost certain</p> | <p>SEVERITY</p> <p><input checked="" type="radio"/> 1. Negligible</p> <p><input type="radio"/> 2. Minor</p> <p><input type="radio"/> 3. Moderate</p> <p><input type="radio"/> 4. Major</p> <p><input type="radio"/> 5. Extreme risk</p> | <p>Severity: Negligible</p> <p>Work related injury: No Potential for Injury Loss of Containment: Potential for Spill Environment: Potential for Damage to Environment Damage to Property/Financial Loss: Potential for Damage to Property Security: Potential for Act of Terrorism Impact on reputation: Potential for complaints from local community</p> <p>Likelihood: Rarely <small>Unlikely to occur. May occur only in exceptional circumstances</small></p> |
|--|--|--|

| RISK CATEGORY | RISK VALUE | ACTION |
|---------------|------------|--|
| Negligible | 1 | Risk is as low as acceptable. No action is required. |
| Minor | 2 - 4 | No additional controls are required. Monitoring is required to ensure controls are maintained. |
| Moderate | 5 - 8 | Efforts should be made to reduce the risk. Risk reduction measures should be implemented within a defined time period. When the medium risk is associated with extremely harmful consequences, further assessment may be necessary to establish more precisely the likelihood of harm as a basis for determining the need for improved control measures. If residual risk remains at medium (5-8), proceed with extreme caution. |
| Major | 9 - 12 | Work should not be started until the risk has been reduced. Consider available resources, which may have to be allocated to reduce the risk. When the risk involves work in progress, urgent actions should be taken. |



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