

RISK ASSESSMENT TOOL

Assign values for the hazard severity and likelihood on a scale from 1 to 4, then multiply them together to give a rating of low-, medium-, and high-risk.

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|-------------------|----------|--|
| Severity | 1 | Negligible: Causing minor injury that requires first aid or less. |
| | 2 | Minor: Causing non-serious injury, illness, or damage that requires medical aid; not life threatening. |
| | 3 | Serious: Causing severe injury, serious illness, that is disabling or lifelong, or property and equipment damage. |
| | 4 | Imminent danger: Causing death, widespread occupational illness, or loss of facilities. |
| Likelihood | 1 | Remote: Unlikely to occur, but conceivable |
| | 2 | Possible: Could occur at some point |
| | 3 | Probably: Likely to occur eventually |
| | 4 | Likely: Occurs repeatedly or is expected to occur |

Severity (of hazard) X **Likelihood** (of occurrence) = **Overall Risk**

| | | | | | |
|-----------------|----------|-----------------|-----------------|-----------------|-----------------|
| SEVERITY | 4 | 4 Medium | 8 Medium | 12 High | 16 High |
| | 3 | 3 Low | 6 Medium | 9 Medium | 12 High |
| | 2 | 2 Low | 4 Medium | 6 Medium | 8 Medium |
| | 1 | 1 Low | Low | Low | 4 Medium |
| | | 1 | 2 | 3 | 4 |

Likelihood (Probability)

The risk matrix rating (low, medium, high,) indicates the level of response required as you determine how you will control the hazard.

| Low Risk | Medium Risk | High Risk |
|---|--|--|
| 1-3 | 4-8 | 9-16 |
| CONTINUE WITH THE TASK. Ensure existing control measures are used as intended. Watch for new hazards to develop. | PAUSE. What new control measures can you introduce to reduce the risk? Reassess after new control measures are in place. | STOP. Do not proceed. Determine what course of action you will take. Have all workers and your supervisor sign off before you begin work. |