| Category | Description of Hazard/Risk | Raw Risk Assessment | | | Raw Risk Rating | Legislation/ Standards/ Guidance | University Policies / Procedures | Controls | Residual Risk Rating |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **E** | **L** | **C** |
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*RISKS (RAW and RESIDUAL) were assessed according to the University of Melbourne’s Risk Rating Definitions Reference sheet, and two and three variable risk calculator Version 2.2,30 October 2013. RESIDUAL score is the risk that remains after RISK CONTROL MEASURES are implemented. RISK CONTROL MEASURES affect the LIKELIHOOD of exposure.*

Two Variable Risk Matrix

|  |  |  |  |
| --- | --- | --- | --- |
| (1) Definitions of likelihood labels | | | |
| Level | Likelihood (Probability) | | |
| Descriptor | Description | Expected to occur |
| A | Almost certain | The event will occur on an annual basis | Once a year or more |
| B | Likely | The event has occurred several times or more in your career | Once every three years |
| C | Possible | The event might occur once in your career | Once every 10 years |
| D | Unlikely | The event does occur somewhere from time to time | Once every 30 years |
| E | Rare | Heard of something like the event occurring elsewhere | Once every 100 years |

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| (2) Definitions of consequence labels | |
| Severity level | Consequences |
| **V Catastrophe** | One or more fatalities and/or severe irreversible disability to one or more people |
| **IV Major** | Extensive injury or impairment to one or more persons |
| **III Moderate** | Short term disability to one or more persons |
| **II Insignificant** | Medical treatment and/or lost injury time <2 weeks |
| **I Negligible** | First aid treatment or no treatment required |

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| (3) Risk rating matrix | | | | | |
| Likelihood  label | Consequences label | | | | |
| I | II | III | IV | V |
| A | Medium | High | High | Very high | Very high |
| B | Medium | Medium | High | High | Very high |
| C | Low | Medium | High | High | High |
| D | Low | Low | Medium | Medium | High |
| E | Low | Low | Medium | Medium | High |

Three Variable Risk Calculator

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| (1) Definitions of exposure variables | |
| Exposure | E |
| Continuously or many times daily | 10 |
| Frequently: Approximately once daily | 6 |
| Occasionally: Once a week to once a month | 3 |
| Infrequently: Once a month to once a year | 2 |
| Rarely: Has been known to occur | 1 |
| Very rarely: Not known to have occurred | 0.5 |

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| (2) Definitions of likelihood variables | |
| Likelihood | L |
| Almost certain: The most likely outcome if the event occurs | 10 |
| Likely: Not unusual, perhaps 50-50 chance | 6 |
| Unusual but possible: (e.g. 1 in 10) | 3 |
| Remotely possible: A possible coincidence (e.g. 1 in 100) | 1 |
| Conceivable: Has never happened in years of exposure, but possible (eg 1 in 1,000) | 0.5 |
| Practically impossible: Not to knowledge ever happened anywhere (e.g. 1 in 10,000) | 0. 1 |

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| (3) Definitions of consequences variables | |
| Consequence | C |
| Catastrophe: Multiple fatalities | 100 |
| Disaster: Fatality | 50 |
| Very serious: Permanent disability/ill health | 25 |
| Serious: Non-permanent injury or ill health | 15 |
| Important: Medical attention needed | 5 |
| Noticeable: Minor cuts and bruises or sickness | 1 |

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| --- | --- |
| (4) Risk score calculator | |
| **Risk Score = E x L x C** | |
| Risk Score | Risk Rating |
| > 600 | Very high |
| 300 - 599 | High |
| 90 - 299 | Medium |
| < 90 | Low |