

## Risk Matrix

## Appendix 1.

| Severity (The severity of harm arising from a hazard)   | Rating | Likelihood (The likelihood of harm arising from a hazard)   | Rating |
|---|--------|---|--------|
| <b>Significant/Fatal:</b> Long term disability, chronic ill-health, fatal injury or disease. For example, occupational cancer, acute fatal disease, fatality.   | 4      | <b>Certain:</b> inevitable under the circumstances, known past incident or ill-health. Circumstances frequently encountered – daily/weekly/monthly, more than a 75% chance of occurring.  | 4      |
| <b>Major:</b> Reportable to the HSE, over 7 days' absence, major injury, occupational disease.<br>For example, fracture, broken bone, amputation, burn covering more than 10% of body surface, dermatitis, respiratory sensitisation, carpal tunnel syndrome.<br>RIDDOR definitions can be found on the <a href="#">Health and Safety webpage</a> . | 3      | <b>Probable/Likely:</b> high inclination of occurrence or easily foreseeable under normal circumstances. Likely to happen at some point within the next 1 – 2 years. Circumstances occasionally encountered a few times a year. A 40 – 75% chance of occurring. | 3      |
| <b>Moderate:</b> Up to 7 days' absence or serious injury. For example, burns, sprains, concussion, work-related upper limb disorder, ill-health leading to discomfort.  | 2      | <b>Possible/Could happen:</b> foreseeable under normal circumstances, known past incident or ill-health but not common. Only likely to happen every 3 or more years. A 10 – 40% chance of occurring.  | 2      |
| <b>Minor:</b> No injury, minor pain/injury either not requiring first aid or first aid on campus or treatment off campus. For example, minor cut/laceration, bruise, eye irritation, headache, ill-health leading to temporary discomfort.  | 1      | <b>Unlikely:</b> occurrences close to zero, only in exceptional/unforeseeable circumstances, capable of taking place or may occur given an unlikely sequence of events. Less than 10% chance of occurring.  | 1      |

### Risk Rating Matrix

|          |   | Risk Rating |   |    |    |   |
|----------|---|-------------|---|----|----|---|
|          |   | 4           | 3 | 2  | 1  | 0 |
| Severity | 4 | 4           | 8 | 12 | 16 |   |
|          | 3 | 3           | 6 | 9  | 12 |   |
|          | 2 | 2           | 4 | 6  | 8  |   |
|          | 1 | 1           | 2 | 3  | 4  |   |
|          | 0 | 1           | 2 | 3  | 4  |   |
|          |   | Likelihood  |   |    |    |   |

### Guide to required action

| Risk Rating | Risk   | Guide to required action  |
|-------------|--------|---|
| 1-3         | Low    | No additional controls are required, however monitoring is required to ensure that controls are maintained.   |
| 4-9         | Medium | Risk reduction measures should be implemented within a defined time period. Interim measures may be necessary in the short term.                                      |
| 12-16       | High   | The work should not be started until improvements are made to reduce the risk. If this is not possible, even with unlimited resources, work has to remain prohibited. |