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| **Activity** | **Risk** | **Consequence** | **Persons affected** | **Pre-control risk estimate** |  **Risk mitigation measures** | **Post-control risk estimate** | **Person** **responsible** |
| **Severity** | **Likelihood** | **Risk** | **Severity** | **Likelihood** | **Risk** |
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| **Activity** | **Risk** | **Consequence** | **Persons affected** | **Pre-control risk estimate** |  **Risk mitigation measures** | **Post-control risk estimate** | **Person** **responsible** |
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| **Activity** | **Risk** | **Consequence** | **Persons affected** | **Pre-control risk estimate** |  **Risk mitigation measures** | **Post-control risk estimate** | **Person** **responsible** |
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| Risk Quantification (Likelihood X Severity) | Building loss, catastrophic environmental | Major injury, damage or environmental impact | RIDDOR – not life changing  | Minor injury, damage or environmental impact  | Insignificant  |
| SEVERITY |
| LIKELIHOOD | 5 | 4 | 3 | 2 | 1 |
| Almost certain | 5 | 25 | 20 | 15 | 10 | 5 |
| A high likelihood | 4 | 20 | 16 | 12 | 8 | 4 |
| A small likelihood | 3 | 15 | 12 | 9 | 6 | 3 |
| Low likelihood | 2 | 10 | 8 | 6 | 4 | 2 |
| Not likely | 1 | 5 | 4 | 3 | 2 | 1 |

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| **Notes:**1. **Low Residual Risk** = Risk is **TOLERABLE**. No further preventative action required, consider cost effective solutions or improvements that 2. **Medium Residual Risk** = Work may only start if the risk has been reduced to As Low as Reasonably Practicable (**ALARP**). Consider additional control measures that reduce the risk without significantly increasing cost. 3. **High Residual Risk** = Risk is **INTOLERABLE**. Do not start work or continue until risk level is reduced using suitable control measure is to a practicable level. 4. Control measures are to ensure that residual risks are reduced to as low as reasonably practicable. Where controls fail to reduce to a TOLERABLE or ALARP level the assessment must be referred to your Line Manager. 5. If the operations are likely to affect the public or the safe operation of a public transport system, the control measures must reduce the risk before likelihood of significant risk before work is commenced. |