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| --- | --- | --- | --- | --- | --- | --- |
|  |  | Consequence | | | | |
|  | | Insignificant  1 | Minor  2 | Moderate  3 | Major  4 | Catastrophic  5 |
|  | | Examples   * No Injuries * Low financial cost <$10,000 * Little impact to operational efficiency * Verbal Complaint | Examples   * First Aid required * Medium financial cost $20-50,000 * Minor delays to operational efficiency * Local public complaint | Examples   * Medical treatment required * High financial cost $50-100,000 * Significant delay in major deliverables * Unwanted media attention | Examples   * Extensive Injuries * Major financial costs $100-200,000 * Non achievement of major deliverables * Incidents reportable to work safe * Breech resulting in fines * Negative media attention | Examples   * Death * Huge financial costs > $250,000 * Non achievement of major deliverables * Legal action * Incarceration * Breech resulting in major fines for individual and company |
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|  | |
| Likelihood | |
| **Rare E (1)** | Rare occurrence | Low (1) | Low (2) | Minor (3) | Moderate (4) | Major (5) |
| **Unlikely D (2)** | Not likely to occur | Low (2) | Low (4) | Minor (6) | Moderate (8) | Major (10) |
| **Possible C (3)** | May happen | Low (3) | Minor (6) | Moderate (9) | Major (12) | Extreme (15) |
| **Likely B (4)** | Likely to happen | Minor (4) | Minor (8) | Moderate (12) | Extreme (16) | Extreme (20) |
| **Probable A (5)** | Expected to happen | Minor (5) | Moderate (10) | Major (15) | Extreme (20) | Extreme (25) |

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| Identified Risk | Falling Objects |
| Timeframe | Construction (bump in/out) |

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| What can happen | Death or serious bodily injury resulting from a fall from heights, falling objects on to workers below |

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| Initial Risk Rating | | |
| Likelihood – C Possible | Consequences: 5 Catastrophic | Rating: C5 Extreme |

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| Controls in place | Responsible Person |
| Exclusion zones must be established at ground level to prevent others from entering the work/drop zone | Technical Supervisor |
| All tools and equipment to be attached to lanyards/ safety lines prior to being used/installed | Technical Supervisor, Worker |
| Spotters to be engaged to watch moving loads | Technical Supervisor |
| Appropriate Danger/Hazard warning signs displayed | Technical Supervisor |
| Workers to wear safety hard hats during construction | Technical Supervisor, Worker |
| Edge protection to all exposed edges | Technical Supervisor |
| Fall prevention/restrain devices are used | Technical Supervisor, Worker |

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| Proposed Response | Responsible Person |
| Site supervisor provide workplace compliance | Technical Supervisor/Manager |
| Cease work if area is unsafe | Technical Supervisor/ Worker |
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| Revised Risk Rating | | |
| Likelihood: D Unlikely | Consequences: 4 Major | Rating: D4 Moderate |

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| Resources Required | Height safety equipment  Edge protection  Safety signage  Tool and equipment lanyards  Harnesses  Safety barricading |

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| Identified Risk | Working At Heights |
| Timeframe | Operational |

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| What can happen | Death or serious bodily injury resulting from a worker falling from heights, falling objects onto workers/public below, worker falling from height not attached to safety line |

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| Initial Risk Rating | | |
| Likelihood – C Possible | Consequences: 5 Catastrophic | Rating: C5 Extreme |

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| Controls in place | Responsible Person |
| Fall prevention systems are in place | Technical Manager |
| Fall prevention system is inspected and maintained | Technical Manager |
| Harness are worn by all workers at risk | Technical Supervisor, Worker |
| Edge protection in place | Technical Manager |
| Signage identifying the fall risk and mandating the use of fall prevention are in place | Technical Manager |
| Tools and equipment are on lanyards to prevent falling | Worker |

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| Proposed Response | Responsible Person |
| Site supervisors provide workplace compliance | Technical Supervisor |
| All workers to have working at heights qualifications | Technical Supervisor |
| Staff trained in height rescue to be engaged for duration of activity | Technical Manger |
| Rope access technicians to hold IRATA, ARAA or SPRAT qualifications | Technical Manager, Worker |
| Rescue plan to be documented and explained | Technical Supervisor, Worker |
| Site inductions | Technical Supervisor |
| Engagement of Riggers | Technical Manager |

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| Revised Risk Rating | | |
| Likelihood: D Unlikely | Consequences: 4 Major | Rating: D4 Moderate |

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| Resources Required | Height Rescue Kit Rescue Plan  Fall prevention kits Tool and equipment lanyards  Rope access equipment Harness, hard hats  Safety signage |

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| Identified Risk | Use of Ladders |
| Timeframe | Operational |

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| What can happen | Death or serious bodily injury resulting from a fall from heights, falling objects onto workers/public below, incorrect ladder choice causing electrical hazard/shock/electrocution |

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| Initial Risk Rating | | |
| Likelihood: C – Possible | Consequences: 4 Major | Rating: C4 Major |

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| Controls in place | Responsible Person |
| Work processes are instigated to prevent working from ladders if practicable | Technical Supervisor, Worker |
| Extension or single ladders are only uses as a means of access to a work area not as a work platforms | Worker |
| Platform ladders or step ladders must only be used for the purpose they are designed for | Worker |
| Workers to engage in height safety once above 2m | Technical Supervisor, Worker |
| Fiberglass ladders to be used for all electrical work | Technical Supervisor, Worker |

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| Proposed Response | Responsible Person |
| Site Supervisor provide workplace compliance | Technical supervisor |
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| Revised Risk Rating | | |
| Likelihood: C Possible | Consequences: 3 Moderate | Rating: C3 Moderate |

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| Resources Required | Ladders specific to the required task  Height safety equipment |

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| Most recent review |  |