

Risk Register Template

InspectionReport.app — Project Risk Management

Project: Main Street Commercial Building — Dublin

Prepared By: _____

Date: _____

Last Review Date: _____

Risk ID	Risk Description	Category	Likelihood (1-5)	Impact (1-5)	Risk Score (LxI)	Existing Controls / Mitigation	Further Actions	Owner	Status	Target Date	Review Date
R-001	Worker fall from scaffolding during facade installation	Safety	4	5	20	Full guardrails installed; harness points provided; weekly inspection of scaffolding	Install additional toe boards at all working levels; conduct refresher training	Site Manager	Open	15/08/2026	01/08/2026
R-002	Excavation trench collapse near public footpath	Safety	3	5	15	Trench box used for all excavations >1.2m; battering at 45°; daily inspection by competent person	Install pedestrian barriers along entire trench length; add shoring at section B	Site Engineer	Open	01/08/2026	25/07/2026
R-003	Crane overturn during steel beam lifting	Safety	2	5	10	Crane operator CPCS certified; lift plan approved; outriggers on spreader plates; exclusion zone established	Conduct additional wind-speed monitoring; revise lift plan for beam sections >8t	Lifting Supervisor	Open	10/08/2026	28/07/2026

R-004	Fire from hot works (welding/cutting) on upper floors	Safety	3	4	12	Hot work permit system; fire watch assigned; extinguishers within 10m; combustible materials cleared	Add dedicated fire watch for each hot work crew; install temporary fire alarms on floors 3-5	Fire Marshal	Open	05/08/2026	25/07/2026
R-005	Structural overloading during concrete pour on suspended slab	Structural	2	4	8	Pour sequence specified in method statement; striking times calculated; shores in place per design	Monitor pour rate with real-time load cells on critical props; increase propping under bay 4	Structural Engineer	Open	12/08/2026	28/07/2026
R-006	Strike of underground gas main during service duct excavation	Utility	3	4	12	CAT scan & utility survey completed; hand-dig trial holes at known crossing points	Extend CAT scan to cover entire service route; mark all known utilities with spray paint	Site Manager	Open	20/07/2026	15/07/2026
R-007	Dust exposure (respirable silica) from concrete cutting	Health	4	3	12	Water suppression on all saws; RPE (FFP3) mandatory in cutting zones; air monitoring weekly	Install local exhaust ventilation (LEV) in basement cutting area; provide half-face respirators	HSE Officer	Open	01/08/2026	25/07/2026
R-008	Unauthorised access to site by public / children	Security	3	3	9	2.4m hoarding around site; locked gates; security patrol 18:00-06:00; warning signs posted	Install CCTV covering east gate and rear fence; reinforce hoarding panel at section C	Security Manager	In Progress	25/07/2026	20/07/2026

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Risk Scoring Legend

Low (1-4) — Acceptable Medium (5-9) — Tolerable High (10-15) — Substantial Critical (16-25) — Intolerable

Status Key

- Open — Risk identified, no action taken yet
- In Progress — Mitigation actions underway
- Closed — Risk fully mitigated / accepted
- Monitoring — Controls in place, ongoing observation

Additional Entries

Risk ID	Risk Description	Category	Likelihood (1-5)	Impact (1-5)	Risk Score (LxI)	Existing Controls / Mitigation	Further Actions	Owner	Status	Target Date	Review Date