Riskify
Ai SWMS Generator

SAFE WORK METHOD STATEMENT

Project: High-Rise Electrical Installation - Southbank Tower
Location: 456 Southbank Boulevard, Southbank VIC 3006

Document ID: SWMS-141-06583
Date: 19/06/2025

PROJECT INFORMATION

Principal Contractor:	Elite Construction Management
Project Name:	High-Rise Electrical Installation - Southbank Tower
Project Address:	456 Southbank Boulevard, Southbank VIC 3006
Trade Type:	Construction
Document Version:	1.0

EMERGENCY PROCEDURES

Emergency Contact:	000
Assembly Point:	Main Gate Assembly Area
Nearest Hospital:	Royal Melbourne Hospital
Site Supervisor:	0412 345 678
First Aid Officer:	0423 456 789

CONSTRUCTION CONTROL RISK MATRIX

A - QUALITATIVE SCALE

Extreme	Fatality, significant disability
High	Minor amputation, permanent disability
Medium	Minor injury, Lost Time Injury
Low	First Aid Treatment only

B - QUANTITATIVE SCALE

$50,000+	Likely - Monthly
$15,000-$50,000	Possible - Yearly
$1,000-$15,000	Unlikely - 10 years
$0-$1,000	Very Rarely - Lifetime

C - LIKELIHOOD vs CONSEQUENCE

	Likely	Possible	Unlikely	Very Rarely
Extreme	16	14	11	7
High	15	12	8	
Medium	13	9		
Low	10			

D - RISK SCORING

16-18 Severe (E)	Action now
11-15 High (H)	Action 24hrs
7-10 Medium (M)	Action 1 week
1-6 Low (L)	Monitor

WORK ACTIVITIES & RISK ASSESSMENT

Activity	Hazards	Initial Risk	Control Measures	Residual Risk	Legislation
Cable tray installation on levels 15-20	• Falls from height during work activities • Manual handling of heavy cable trays • Electrical hazards from live circuits	H (16)	• Safety harness with dual lanyards required • Use mechanical lifting aids • Lockout/tagout procedures before work	L (4)	WHS Regulation 2017 Part 4.4 - Falls, AS/NZS 3000:2018
Main switchboard upgrades	• Electrical shock from live components • Manual handling injuries from heavy equipment • Arc flash potential	H (15)	• De-energize circuits before work • Use insulated tools and PPE • Mechanical lifting aids for panels	L (3)	AS/NZS 3000:2018 Wiring Rules, AS/NZS 4871.1-2015
Lighting circuit installation	• Falls from height using ladders • Electrical shock hazards • Eye strain from poor lighting	M (12)	• Scaffold access platforms • Test circuits before touching • Adequate temporary lighting	L (2)	AS/NZS 3000:2018 Section 2, AS 2293.1-2018
Emergency lighting system testing	• Working in low light conditions • Electrical testing hazards • Falls during emergency testing	M (9)	• Portable lighting during tests • Qualified electrical testing personnel • Fall protection systems	L (2)	AS 2293.1-2018 Emergency Lighting, WHS Regulation 2017
Final electrical testing and commissioning	• Electrical shock during testing • Equipment malfunction • Documentation errors	M (8)	• Qualified electrical engineers • Proper testing equipment • Systematic testing procedures	L (2)	AS/NZS 3017:2022 Electrical Installations, AS/NZS 3760:2022

PLANT & EQUIPMENT REGISTER

Mobile Scaffold
Inspection: Daily visual check
Status: Current

Power Tools
Inspection: Pre-use inspection
Status: Tagged & Tested

Electrical Testing Equipment
Inspection: Calibration check
Status: Certified

Lifting Equipment
Inspection: Weekly inspection
Status: Load tested

EMERGENCY RESPONSE PROCEDURES

FIRE
Evacuate immediately, call 000, assemble at designated point

INJURY
Provide first aid, call 000 if serious, notify supervisor

EVACUATION
Follow evacuation routes, proceed to assembly point

SPILL
Contain spill, notify environmental officer, clean up

SAFETY SIGNAGE & COMMUNICATION

1. Danger - High Voltage signs at all electrical work areas
2. PPE Required signs at site entrances and work zones
3. First Aid and Emergency Assembly Point signage clearly visible
4. Hazard identification signs for specific work area risks
5. Tool box talk records and safety briefing documentation
6. Site safety rules and emergency contact information displayed