

PROJECT INFORMATION

Project Name: High-Rise Electrical Installation - Southbank Tower	Project Address: 456 Southbank Boulevard, Southbank VIC 3006
Head Contractor: Not specified	Site Manager: Not specified
Document ID: SWMS-141-1750224444123	Date Generated: 18/06/2025
Trade Type: Electrical Installation	Status: Active Document

WORK ACTIVITIES & RISK ASSESSMENT

#	Activity/Item	Hazards/Risks	Initial Risk Score	Control Measures	Residual Risk Score
1	Cable tray installation on levels 15-20	<ul style="list-style-type: none">Falls from height during work activitiesManual handling injuries from heavy liftingCrushing injuries from equipment operationStruck by moving machinery or materialsWeather exposure affecting work safetySlip, trip and fall hazards on surfacesNoise exposure from construction activitiesChemical exposure from construction materials	H	<ul style="list-style-type: none">Safety harness with dual lanyards requiredMechanical lifting aids for manual handlingEquipment operator competency verificationExclusion zones around moving machineryWeather monitoring and work cessation protocolsNon-slip footwear and housekeeping standardsHearing protection in designated areasMaterial safety data sheets readily available	L
2	Main switchboard upgrades	<ul style="list-style-type: none">Falls from height during work activitiesManual handling injuries from heavy liftingCrushing injuries from equipment operationStruck by moving machinery or materialsWeather exposure affecting work safetySlip, trip and fall hazards on surfacesNoise exposure from construction activitiesChemical exposure from construction materials	M	<ul style="list-style-type: none">Safety harness with dual lanyards requiredMechanical lifting aids for manual handlingEquipment operator competency verificationExclusion zones around moving machineryWeather monitoring and work cessation protocolsNon-slip footwear and housekeeping standardsHearing protection in designated areasMaterial safety data sheets readily available	L
3	Lighting circuit installation	<ul style="list-style-type: none">Falls from height during work activitiesManual handling injuries from heavy liftingCrushing injuries from equipment operationStruck by moving machinery or materialsWeather exposure affecting work safetySlip, trip and fall hazards on surfacesNoise exposure from construction activitiesChemical exposure from construction materials	M	<ul style="list-style-type: none">Safety harness with dual lanyards requiredMechanical lifting aids for manual handlingEquipment operator competency verificationExclusion zones around moving machineryWeather monitoring and work cessation protocolsNon-slip footwear and housekeeping standardsHearing protection in designated areasMaterial safety data sheets readily available	L
4	Emergency lighting system testing	<ul style="list-style-type: none">Falls from height during work activitiesManual handling injuries from heavy liftingCrushing injuries from equipment operationStruck by moving machinery or materialsWeather exposure affecting work safetySlip, trip and fall hazards on surfacesNoise exposure from construction activitiesChemical exposure from construction materials	M	<ul style="list-style-type: none">Safety harness with dual lanyards requiredMechanical lifting aids for manual handlingEquipment operator competency verificationExclusion zones around moving machineryWeather monitoring and work cessation protocolsNon-slip footwear and housekeeping standardsHearing protection in designated areasMaterial safety data sheets readily available	L

CONSTRUCTION CONTROL RISK MATRIX

Risk Level	Qualitative Scale	Quantitative Scale	Magnitude Scale	Probability Scale
Extreme	Fatality, significant disability, catastrophic property damage	\$50,000+	Likely	Good chance
High	Major amputation, minor permanent disability, moderate property...	\$15,000-\$50,000	Possible	Even chance
Medium	Minor injury resulting in Lost Time Injury or Medically Treated Injury	\$1,000-\$15,000	Unlikely	Low chance
Low	First Aid Treatment with no lost time	\$0-\$1,000	Very Rarely	Practically no chance

PLANT & EQUIPMENT REGISTER

Item	Description	Make/Model	Registration	Inspection Date	Risk Level	Controls
Mobile Crane	50T Mobile Crane	Liebherr LTM 1050	CR002-2024	10/06/2025	High	Dogman supervision, exclusion zones
Excavator	20T Hydraulic Excavator	Caterpillar 320D	EX001-2024	15/06/2025	Medium	Daily pre-start checks

EMERGENCY PROCEDURES & CONTACTS

Emergency Contact:
Site Supervisor: 0412 345 678
Assembly Point:
Southbank Boulevard - North End

Site Supervisor:
On-site supervisor
Nearest Hospital:
Alfred Hospital

DOCUMENT APPROVAL & SIGNATURES

MANUAL SITE SIGN-ON TABLE

#	Name	Number	Signature	Date
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				