

PROJECT INFORMATION

Project Name:

Structural Steel Erection - Bridge Construction

Head Contractor:

Not specified

Document ID:

SWMS-142-1750218570114

Trade Type:

Structural Steel

Project Address:

West Gate Freeway Extension, Altona VIC 3018

Site Manager:

Not specified

Date Generated:

18/06/2025

Status:

Active Document

WORK ACTIVITIES & RISK ASSESSMENT

#	Activity/Item	Hazards/Risks	Initial Risk Score	Control Measures	Residual Risk Score
1	Site preparation and crane setup	<div><div>Falls from height</div><div>Crushing from equipment</div><div>Weather conditions</div></div>	High	<div><div>Full body harness with 2 lanyards</div><div>Certified dogman directing lifts</div><div>Weather monitoring procedures</div></div>	L (2)
2	Steel beam lifting and positioning	<div><div>Falls from height</div><div>Crushing from equipment</div><div>Weather conditions</div></div>	High	<div><div>Full body harness with 2 lanyards</div><div>Certified dogman directing lifts</div><div>Weather monitoring procedures</div></div>	L (2)
3	Bolting and welding connections	<div><div>Falls from height</div><div>Crushing from equipment</div><div>Weather conditions</div></div>	Medium	<div><div>Full body harness with 2 lanyards</div><div>Certified dogman directing lifts</div><div>Weather monitoring procedures</div></div>	L (2)
4	Deck installation and finishing	<div><div>Falls from height</div><div>Crushing from equipment</div><div>Weather conditions</div></div>	Low	<div><div>Full body harness with 2 lanyards</div><div>Certified dogman directing lifts</div><div>Weather monitoring procedures</div></div>	L (2)
5	Quality inspection and testing	<div><div>Falls from height</div><div>Crushing from equipment</div><div>Weather conditions</div></div>	M (8)	<div><div>Full body harness with 2 lanyards</div><div>Certified dogman directing lifts</div><div>Weather monitoring procedures</div></div>	L (2)

## 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:**

Emergency Coordinator: 0423 456 789

**Assembly Point:**

Site Compound - Main Gate

**Site Supervisor:**

On-site supervisor

**Nearest Hospital:**

Western Hospital Footscray

DOCUMENT APPROVAL & SIGNATURES

MANUAL SIGNATURES

PREPARED BY:

Name:

Signature:

Date:

REVIEWED BY:

Name:

Signature:

Date:

APPROVED BY:

Name:

Signature:

Date:

SITE SUPERVISOR:

Name:

Signature:

Date: