

# MILBRAE JOB SAFETY AND ENVIRONMENTAL ANALYSIS

Principal Contractor

Milbrae Quarries, Collinroobie Rd, Leeton, NSW 2700  
A.B.N 680 879 35 313

Work Location

Works Manager

Contact Number

Equipment  
to be used

Work Activity

High Risk work involves:

Risk of falls from greater than 2 metres

Likely to involve disturbing asbestos

Work in or near shaft or trench with an excavated  
depth greater than 1.5m or a in tunnel

Work on or near chemical, fuel or refrigerant lines

Work with tilt up or pre-cast concrete

Work in areas with artificial extremes of temperature

Other (please specify)

Work below or near a quarry face

Temporary load-bearing support structures

Use of explosives

Work on or near energised electrical installations  
or services

Work on, in or adjacent to road, rail shipping  
or other major traffic corridor

Work in or near a drowning risk

Demolition of load-bearing structure

Work in confined spaces

Work on or near pressurised gas pipes or mains

Work in an area with contaminated or  
flammable atmosphere

Work in an area with movement of powered  
mobile plant

Twin crane lift

Has the JSEA been developed based on a site-specific risk assessment?

YES

NO

Have workers been consulted about the JSEA?

YES

NO

(Note: A Workcover inspector may ask to sight evidence of this risk assessment)

Name(s) of  
workers consulted

Date received

Person Responsible for ensuring compliance with JSEA

JSEA Provided to PC

Person(s) Responsible for reviewing the JSEA

Last JSEA Review Date

Date received

Signature

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Are there any relevant manufacturers operating manuals, tests, inspections required for this plant? (List)

Are there any relevant Australian Standards or other legislative requirements for this plant? (List)

Have there been any previous incident or illness data that should be considered for this plant? (List)

What potential emergency situations exist for this plant? (List)

Note: Procedures for potential emergency situations should be included in your site emergency plan.

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## IDENTIFY POTENTIAL HAZARDS FOR THE JOB (check list A)

### Hazard Prompt List

(Review the job steps and identify if any of the following hazards are applicable)

### Potential Hazard Exposure Mechanisms

Electricity	Weather	Excavations/Earthworks	Struck – by, against	Human Factors
Hot/Cold Objects	Insect/Animal Bites	Fire	Contact with	» incorrect use of tools or equipment
Rotating Equipment	Lighting	Introduction of Non Native Species	Contacted by	» repetitive strain
Vehicles	Driving Hazards	Harm to Flora/Fauna	Caught – in, on, under, between, against	» perceived pressure, haste
Muscular Stress	Falling Objects	Historical Sites	Exposure – temperature, chemicals, noise, dust	» arduous tasks
Mental Stress	Noise	Vegetation Clearing	Slip, Trip or Fall – from heights, same level	» uncomfortable work position
Repetitive Work	Radiation	Spills/Leaks (Hydrocarbons, Cement etc)	Complete Manual Handling Risk Assessment attached	» mundane work
Heights	Hydrocarbon/Gas Release	Stationary Equipment	Overexertion/ excessive force – lifting, pushing, pulling,	» inadequate competency
Lone Worker	Surfaces	Fumes/Vapour/Dust	Escape of Material – oil spill, gas release, light spill	» communications, instruction
Vibration	Tools/Equipment	Pressure		Weather conditions
Moving Objects	Human Factors	Depths		» hot/dry
Confined Spaces	Off Road	Simultaneous Operations (Multiple Contractors)		» wet
Asbestos	Chemicals			» windy
Operations (Multiple Contractors)	Underground Services			» cold
Compressed Air	Other (List additional hazards here)			

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Control measures are intended to either eliminate the risk of the job (task) or reduce it to As Low as Reasonably Practical (ALARP). Using the Risk Score Matrix, assess each step for the risk that remains (residual risk) after taking the listed control measures into account.

The matrix is used to determine the potential severity and the likelihood of the remaining risk for each step in the JSEA, which leads to a risk ranking code of Low, Medium or High (L, M, H).

STEP NO.	JOB STEPS (Sequence of steps)	POTENTIAL HAZARDS (refer to checklist part a)	RISK RATING	HAZARD AND RISK MANAGEMENT		
				CONTROLS (As low as reasonably practicable)	RESIDUAL RISK	ACTION BY

RISK RATING	5. DISASTER	4. SEVERE	3. SERIOUS	2. SIGNIFICANT	1. MINOR
A = Certain	1	2	4	7	11
B = Likely	3	5	8	12	16
C = Possible	6	9	13	17	20
D = Unlikely	10	14	18	21	23
E = Rare	15	19	22	24	25







