

# JOB SAFETY ANALYSIS [JSA]

Activity/ Task: Site Inspection \_\_\_\_\_ Location: 189 Lombard St, Wentworth Point NSW \_\_\_\_\_

Conducted by: [Name of person] \_\_\_\_\_ In Consultation with: Site supervisor \_\_\_\_\_ Date Conducted: [date the JSA was completed] \_\_\_\_\_

Reviewed by: Site Supervisor \_\_\_\_\_ Comments: \_\_\_\_\_ Date Reviewed: [date the supervisor reviewed] \_\_\_\_\_

Reason for this risk assessment- refer to the [Procedure for WHS Risk Management](#)

- Workplace Change     Procure new plant     New chemical or storage     Staff work travel     Student excursion     Other (specify)-
- Work task / activity     Commission new plant     Maintenance activity     Remote or lone working     Student off-site activity
- New building/ facility     Decommission plant     Lease or contract     Public event     Student work placement

RISK ASSESSMENT SUMMARY			
<p><b>Plant / vehicles / substances involved</b></p> <p>Materials on site _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p><b>licenses / permits</b></p> <p><input type="checkbox"/> Driver's licence</p> <p><input checked="" type="checkbox"/> White Card to carry out work on a construction site</p> <p><input type="checkbox"/> Temporary Works</p>	<p><i>What are the top five risks for this activity / task?</i></p> <ol style="list-style-type: none"> <li>1. Vehicles/plant around work site</li> <li>2. Manual handling</li> <li>3. Trips slips and falls</li> <li>4. Injury due to broken glass and debris</li> <li>5. Hand / Foot injuries</li> </ol>	<p><i>What are the top five safety controls?</i></p> <ol style="list-style-type: none"> <li>1. Signage for example,               <ul style="list-style-type: none"> <li>• Warning</li> <li>• Danger construction works.</li> <li>• Warning open trench</li> <li>• Work at Heights</li> <li>• Warning asbestos</li> </ul> <p>and barricades,</p> <ul style="list-style-type: none"> <li>• Warning tape</li> <li>• Traffic cones</li> </ul> </li> <li>2. Ensure correct manual handling practices used when clearing debris and for rubbish removal</li> </ol>

			3. Good housekeeping and keeping work area clear. 4. Follow workplace policies and procedures on storage 5. Avoid Sharp edges Use of protective gloves may be needed

**Required Protective Clothing and PPE**

<input checked="" type="checkbox"/> 	<input checked="" type="checkbox"/> 	<input checked="" type="checkbox"/> 	<input checked="" type="checkbox"/> 
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Other (specify) -

**Other documents needed to manage the risks**

e.g. Procedure / SOP / work instruction, safety data sheet (SDS), inspection checklists, health declarations etc WHS Act 2011, Regulations 2011. SDSs, Workplace policies and procedures: Emergency procedure, Hazard Identification and Risk Management procedures.

**Arrangements for First Aid and Emergencies**

Workplace policies and procedures, Emergency procedure.

**HAZARD CHECKLIST**

**Environment**

- Weather
- Air quality
- Noise
- UV exposure

**Psychological and Social**

- Fatigue
- Violence / aggression
- Drugs and alcohol

**RISK ASSESSMENT MATRIX**

LIKELIHOOD	CONSEQUENCE				
	Negligible	Minor	Medium	Major	Severe
Almost Certain	9 Medium	15 High	18 High	23 Critical	25 Critical
Likely	7 Low	12 Medium	17 High	20 High	24 Critical

<input checked="" type="checkbox"/> Slip/trip hazards <input type="checkbox"/> Drowning <b>Substances</b> <input checked="" type="checkbox"/> Hazardous chemicals <input type="checkbox"/> Explosives <input type="checkbox"/> Toxic substances/pesticides <input checked="" type="checkbox"/> Inhalable / respirable dust <input checked="" type="checkbox"/> Exhaust or other fumes <b>Physical</b> <input type="checkbox"/> Pressure <input type="checkbox"/> Confined spaces <input type="checkbox"/> Fall from height <input type="checkbox"/> Manual tasks / ergonomic <b>Electrical</b> <input type="checkbox"/> Overhead power lines <input type="checkbox"/> Underground power lines <input type="checkbox"/> Arc welding <input checked="" type="checkbox"/> Power tools / leads <input type="checkbox"/> Electrical work <input type="checkbox"/> Portable power generators <input type="checkbox"/> Wet environments	<input type="checkbox"/> Isolation <input type="checkbox"/> Bullying and/or harassment <input type="checkbox"/> Communication barriers <b>Biological</b> <input type="checkbox"/> Animal or insect bite <input type="checkbox"/> Riding or handling <input type="checkbox"/> Zoonosis <input type="checkbox"/> Infectious agents <input type="checkbox"/> Needle-stick / sharps <input type="checkbox"/> Bodily fluids <input checked="" type="checkbox"/> Contaminated waste <b>Mechanical</b> <input checked="" type="checkbox"/> Traffic <input type="checkbox"/> Driving <input type="checkbox"/> Forklifts, Cranes etc. <input type="checkbox"/> Rotating / moving parts <b>Environmental</b> <input type="checkbox"/> Air emissions <input type="checkbox"/> Chemical spill <input type="checkbox"/> Soil/groundwater contamination <input checked="" type="checkbox"/> Asbestos <input type="checkbox"/> Radioactive waste <input checked="" type="checkbox"/> Waste disposal	<table border="1"> <tr> <td><i>Possible</i></td> <td>4 Low</td> <td>10 Medium</td> <td>13 Medium</td> <td>19 High</td> <td>22 High</td> </tr> <tr> <td><i>Unlikely</i></td> <td>2 Very low</td> <td>5 Low</td> <td>11 Medium</td> <td>14 Medium</td> <td>21 High</td> </tr> <tr> <td><i>Rare</i></td> <td>1 Very low</td> <td>3 Very low</td> <td>6 Low</td> <td>8 Low</td> <td>16 Medium</td> </tr> <tr> <td colspan="6"><b>Likelihood description</b></td> </tr> <tr> <td>Almost certain</td> <td colspan="5">Expected to occur in most circumstances.</td> </tr> <tr> <td>Likely</td> <td colspan="5">Can be expected to occur several times in the life of the particular work practice.</td> </tr> <tr> <td>Possible</td> <td colspan="5">Might occur occasionally in the life of the particular work practice.</td> </tr> <tr> <td>Unlikely</td> <td colspan="5">Not likely to occur, but could happen at some time.</td> </tr> <tr> <td>Rare</td> <td colspan="5">May happen but only in exceptional circumstances.</td> </tr> <tr> <td colspan="6"><b>Consequence description</b></td> </tr> <tr> <td>Severe</td> <td colspan="5">Fatality and/or severe injury resulting in amputation or life support.</td> </tr> <tr> <td>Major</td> <td colspan="5">Hospital admission, and / or long periods off work and/or permanent impairment.</td> </tr> <tr> <td>Medium</td> <td colspan="5">Injury/illness requiring minor medical treatment, short duration lost time.</td> </tr> <tr> <td>Minor</td> <td colspan="5">First Aid treatment only. No lost time.</td> </tr> <tr> <td>Negligible</td> <td colspan="5">Does not require first aid. Minor discomfort.</td> </tr> </table>	<i>Possible</i>	4 Low	10 Medium	13 Medium	19 High	22 High	<i>Unlikely</i>	2 Very low	5 Low	11 Medium	14 Medium	21 High	<i>Rare</i>	1 Very low	3 Very low	6 Low	8 Low	16 Medium	<b>Likelihood description</b>						Almost certain	Expected to occur in most circumstances.					Likely	Can be expected to occur several times in the life of the particular work practice.					Possible	Might occur occasionally in the life of the particular work practice.					Unlikely	Not likely to occur, but could happen at some time.					Rare	May happen but only in exceptional circumstances.					<b>Consequence description</b>						Severe	Fatality and/or severe injury resulting in amputation or life support.					Major	Hospital admission, and / or long periods off work and/or permanent impairment.					Medium	Injury/illness requiring minor medical treatment, short duration lost time.					Minor	First Aid treatment only. No lost time.					Negligible	Does not require first aid. Minor discomfort.				
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