

## SITE SPECIFIC Risk Assessment

Date:		New	✓	Revised		Page	
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### TRADE: PLUMBER / DRAINER / GASFITTER

Job No:	7741/16	Client:	SIMPSON
Address:	42 Lyton Street, Blacktown NSW 2148	Supervisor:	Shane Denny

Key:	"1" action now	"2" action ASAP	"3" action ASAP
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**Note 1:** Refer to the general Safety Plan and your Safe Work Method Statement prepared in accordance with WHS Regulation 2011 s309-315 Part 6.4

**Note 2:** Safe work procedures shall be implemented for the supply and use of a *hazardous chemical / substance/s* on site that complies with the *current material safety data sheet* recommendations and also complies with the requirements of WHS Regulation 2011 Chapter 3 - Part 3.2

**Note 3:** All *manual tasks* are to comply with the requirements of Safe Work Australia – National Code of Practice for Manual Handling 2009 [or as amended] or Safe Work NSW Code of Practice - Hazardous manual tasks

**Note 4:** Management of the risk of fall from one level to another must comply with Part 3.1 and the requirements of WHS Regulation 2011 - Falls s78-80 Part 4.4

**Note 5:** Review of Control Measures - *If there are any tasks that may be included by way of variation to the plans or an alternative approach to the set task, it is a requirement to carry out a "specific Risk Assessment" for the task or tasks.*

Job Step / Hazard	Potential Harm	Likelihood			Result			Priority	Possible Controls	Responsible Person/s	Date
		Likely	Possible	Unlikely	Major	Severe	Minor				
Access to site / work areas - Slips, trips, falls and accessibility -  Access ways not clearly defined	Slips, trips and falls		✓			✓		3	Identify the risks and plan the tasks in consultation with the 'workers'  Assess travel path and distance to work area  Ensure unobstructed all weather access to site and work areas.  Unload and move equipment and materials to designated area to keep footpath / work place access clear	Site Supervisor / all 'workers'	
Stored materials - Slips, trips, falls and accessibility -  Access ways not clearly defined	Slips, trips and falls		✓			✓		2	Assess travel path and distance to work area  Ensure unobstructed access to work areas.  Provide and maintain barricades to isolate material and to restrict access  Provide designated waste areas	Site Supervisor / all 'workers'	
Manual tasks	Muscle strain - back injuries and cuts		✓			✓		2	Identify the risks and plan the task in consultation with the	Contractor / all 'workers'	

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	Over exertion or repetitive movements								<i>'workers'</i>  Use task specific trained <i>'workers'</i> and team lifting.  Rotate <i>'workers'</i> and vary tasks.		
Exposure to dust/ chemical vapours-  Hazardous chemical -  Biological -	Dust inhalation / skin and eye allergies/ irritations - respiratory problems.		✓			✓		3	Use appropriate PPE - disposable dust / chemical vapour protection.  Appropriate procedures to contain dust / chemical vapours	Contractor / all <i>'workers'</i>	
Exposure to lead based paints -  Hazardous chemicals - Biological	Dust inhalation - respiratory problems  Skin and eye allergies/ irritations.		✓			✓		2	Identify the risks and plan the tasks in consultation with the <i>'workers'</i> Apply appropriate procedures necessary to contain dust / flaking paint surfaces.  Use appropriate PPE - disposable contact / dust protection.  Regularly monitor for airborne dust	Contractor / all <i>'workers'</i>	
Exposure to noise Plant / equipment.	Hearing damage		✓			✓		2	Isolate plant and equipment. Use appropriate PPE	All <i>'workers'</i>	
Exposure to UV light / weather -  UV light - glare  Extreme temperatures	Skin cancer / sun burn -  Dehydration - heat stroke or fatigue  Sight damage		✓			✓		2	Reduce exposure where possible.  Monitor <i>'workers'</i> condition  Adequate fluid intake  Use appropriate sun screen. Wear appropriate PPE.	Contractor / all <i>'workers'</i>	
Contact with o/head electrical services / point of attachment - Power lines not isolated, covered or enclosed - Working to close to electrical supply - Strong winds causing power lines to swing close to work area - Wet conditions making <i>'tiger tails'</i> ineffective	Electric shock or electrocution		✓			✓		3	Identify that the electrical supply is isolated prior to the work commencing  Provide <i>'tiger tails'</i> [insulation] - adequately boxed adjacent to scaffold - extended an appropriate distance past the boundary	Licensed Electrical Contractor or Approved person  Site Supervisor  Contractor / all <i>'workers'</i>	
Location of services -	Electric shock or electrocution		✓		✓			3	Identify that the electrical supply is isolated prior to work commencing.	Licensed Electrical Contractor or	

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Electricity - insulation to old wiring frayed or brittle [conduit] or easily damaged - water pipe electrified Gas service - Hazardous chemical Biological	Gas explosion  Inhalation and exposure to hazardous chemicals.								RCD installed on mains supply / portable generator  Isolate gas service.	Approved person  Site Supervisor  Contractor / all 'workers'	
Access to and work in confined space - under floor  Hazardous chemicals -  Biological -  Ergonomic	Dust and chemical exposure - respiratory problems  Skin and eye irritations / allergies  'Worker' trapped in confined space  Dehydration		✓			✓		3	Identify the risks / hazards and plan the task in consultation with the 'workers'  Use task specific trained, experienced 'workers' and rotate 'workers'.  Train 'workers' in safe working in confined spaces.  Use of appropriate PPE  Monitor the air quality for chemical vapours  Regularly monitor the condition of the 'workers' within the work area  Adequate fluid intake.  Adequate ventilation and lighting - where required provide for two [2] fan air circulation system.	Contractor / all 'workers'	
Carry materials and tools to ground floor work area -  Slips, trips, falls and accessibility -  Access ways not clearly defined -  Manual tasks	Slips, trips and falls  Muscle strain - back injuries and cuts		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers'  Assess travel path and distance to work area  Ensure unobstructed access work area  Ensure openings and voids in floors are fully covered.  Use task specific trained 'workers' - team lifting and carrying  SWMS	Contractor / all 'workers'	
Removal of temporary floor to wet areas -  Slips, trips, falls and accessibility -	Slips trips and falls  Muscle strain - back injuries and cuts		✓			✓		2	Use of small sheet (off cuts).  Use task specific trained 'workers' and team lifting.	Contractor / all 'workers'	

Job Step / Hazard	Potential Harm	Likelihood			Result			Priority	Possible Controls	Responsible Person/s	Date
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Access ways not clearly defined - Manual task											
General working at height - [over 2.0m] Slips, trips, falls and accessibility - Inadequate fall prevention system / work platform - Gravity - overbalancing Windy and or wet conditions	Fall from roof edge/ work platform/ through roof or roof framing  Fractures, bruises lacerations and personal injuries		✓		✓			1	Identify the risks and plan the tasks in consultation with the 'workers'  Assess travel path to work area  Ensure unobstructed access to work areas  Provide guardrails, perimeter edge protection / catch scaffold.  Scaffold / work platform to outer perimeter.  Use task specific trained / experienced 'workers' in safe working at heights - ensure 'workers' know their responsibility during the work process  SWMS	Site Supervisor  Contractor / all 'workers'	
Carry materials, toilet pan and tools up ramp/ scaffold - Slips, trips, falls and accessibility - Inadequate fall prevention system / work platform - Slope of ramp - Windy and or wet conditions - Manual tasks	Slips, trips and falls from work platform.  Muscle strain - back injuries and cuts		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers'  Assess travel path and distance to work area  Ensure unobstructed access work area.  Guardrails to ramp are in place. Ramp surface clean and dry.  Guardrails and toe boards to scaffold are in place and work platform complete, clean and dry.  Use task specific trained 'workers' and team lifting.	Contractor / all 'workers'	
Building in toilet pan - Manual tasks	Muscle strain - back injuries and cuts		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers' Use task specific trained and experienced 'workers' and team lifting	Carpenter / Plumber	
Gluing PVC pipes in confined spaces  Hazardous chemical Biological	Headaches  Inhalation and exposure to hazardous chemicals; respiratory and sight damage		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers'  Use task specific trained and experienced 'workers'.	Site Supervisor  Contractor / all 'workers'	

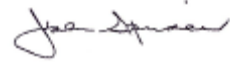
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									Regularly monitor 'workers' condition and air quality for chemical vapours Adequate ventilation and lighting Use appropriate PPE. Provide SDS.		
Use of electrical powered / battery operated tools and equipment -  Electricity - Exposure to noise - Exposure to dust -  Hazardous chemicals - Biological - Equipment	Electrical shock or electrocution  Hearing loss  Inhalation of dust - respiratory problems.  Eye and skin irritations / allergies -  Sight damage		✓			✓		2	Identify the risks and plan the task in consultation with the 'workers'  RCD installed on mains supply / portable generator  Guards to plant and equipment fully operational  Protect power lead from damage - power saw blade / sharp edges / vehicular traffic  Use stands and hooks for leads in trafficable areas  Adequate ventilation and lighting  Use task specific trained 'workers'.  Use of appropriate PPE.	Contractor/ all 'workers'	
Chasing pipes in timber using electrical power tools -  Electricity - Exposure to noise - Exposure to dust - Hazardous chemicals - Biological	Electric shock or electrocution  Hearing damage.  Dust inhalation / skin and eye allergies / irritations - respiratory problems.		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers'  RCD installed on mains supply / portable generator Appropriate procedures to contain dust  Monitor air quality for airborne dust/ fibres  Use task specific trained and experienced 'workers' -rotate 'workers' and vary tasks.  Provide and maintain appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area by others  Use appropriate PPE Use of maintained / sharp tools	Site Supervisor  Contractor / all 'workers'	
Cutting concrete			✓			✓		2	Identify the risks and plan the	Contractor / all	

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or brickwork with petrol driven saw-  Exposure to noise - Exposure to dust - Hazardous chemicals - Biological - Tools and equipment Struck by flying objects	Hearing loss -  Inhalation of exhaust fumes/ dust - respiratory problems -  Sight damage								task in consultation with the relevant 'workers'  Provide and maintain appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area by <i>others</i>  Guards to equipment fully operational  Monitor the air quality for exhaust fumes / dust  Regularly monitor the condition of the 'workers' within the work area  Adequate ventilation and lighting.  Use appropriate PPE.	'workers'	
Hand excavation for sewer and storm water -  Manual tasks -  Stability of the excavation material	Muscle strain - back injuries and cuts  Collapse of excavation sides		✓			✓		2	Identify the risks / hazards and plan the task in consultation with the 'workers'  Use task specific trained and experienced 'workers' -rotate 'workers' and vary tasks.  Regularly monitor the stability of the excavation works  Provide and maintain barricades to isolate and to restrict unauthorized / inadvertent access / entry to excavation by <i>others</i>  Use appropriate PPE. SWMS	Site Supervisor  Contractor / all 'workers'	
Site clean up on completion of work  Manual tasks Exposure to dust -  Hazardous chemicals  Biological -	Inhalation of dust - respiratory problems.  Eye and skin irritations / allergies  Personal injuries - cuts and abrasions.		✓			✓		3	Place all associated waste and rubbish in the designated waste area / skip bin  Leave site / work area in a clean and tidy condition  Remove any temporary barricades if no longer required	Contractor / all 'workers'	

I / We have consulted with Cape Cod Australia Pty. Limited and have mutually agreed on the above procedures. This risk assessment provides details on how I / we will manage my / our work on this Cape Cod Australia Pty. Limited work site.

Company  
Name:

Signed by:



for and on behalf of:

Cape Cod Australia Pty. Limited

Signed by:

ABN: 54 000 605 407

(Contractor PCBU)

Builder's Licence No. 5519

ABN:

Address:

Phone:

Email: