

## SITE SPECIFIC Risk Assessment

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

Job No:	7626/14	Client:	MERCHANT
Address:	9 Burringbar Street, North Balgowlah NSW	Supervisor:	MATT SAUNDERS

Key:	"1" action now	"2" action ASAP	"3" action ASAP
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**Note 1:** Refer to the general Safety Plan and Safe Work Method Statement.

**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 material data sheet recommendations and also complies with the requirements of WHS Regulation 2011 Chapter 3 - Part 3.2

**Note 3:** all *manual tasks* to comply with the requirements of Safe Work Australia – National Code of Practice for Manual Handling 2009 or WorkCover NSW Code of Practice - Hazardous manual tasks

**Note 4:** 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	Assess travel path and distance to work area  Ensure unobstructed access to site and work areas	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 Over exertion or repetitive movements		✓			✓		2	Identify the risks and plan the task in consultation with the 'workers'  Use task specific trained 'workers' and team lifting.  Rotate 'workers' and vary tasks	Contractor / all 'workers'	
Exposure to dust/	Dust inhalation /		✓			✓		3	Use appropriate PPE -	Contractor / all	

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chemical vapours-  Hazardous chemical -  Biological -	skin and eye allergies/ irritations - respiratory problems.								disposable dust / chemical vapour protection  Appropriate procedures to contain dust / chemical vapours	'workers'	
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 'workers'  Apply appropriate procedures necessary to contain dust / flaking paint surfaces  Use appropriate PPE - disposable contact / dust protection.  Regularly monitor for airborne dust	Contractor / all 'workers'	
Exposure to noise Plant / equipment.	Hearing damage		✓			✓		2	Isolate plant and equipment. Use appropriate PPE	All 'workers'	
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 'workers' condition  Adequate fluid intake  Use appropriate sun screen. Wear appropriate PPE	Contractor / all 'workers'	
Location of services - Electricity - insulation to old wiring frayed or brittle [conduit] or easily damaged - water pipe electrified Gas service - Hazardous chemical Biological	Electric shock or electrocution  Gas explosion  Inhalation and exposure to hazardous chemicals.		✓		✓			3	Identify that the electrical supply is isolated prior to work commencing.  RCD installed on mains supply / portable generator  Isolate gas service	Licensed Electrical Contractor or 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		✓			✓		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	Contractor / all 'workers'	

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	Dehydration								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		
Carry materials / hot water unit / toilet pans / bath / laundry cabinet 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 -  Access ways not clearly defined -  Manual task	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'	
General working at height - [over 2.0m]  Slips, trips, falls and accessibility -  Inadequate fall prevention system / work platform -  Old brittle roofing material /skylights	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	Site Supervisor  Contractor / all 'workers'	

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		Likely	Possible	Unlikely	Major	Severe	Minor				
Increased traffic on roof surface - walking in the middle of battens -  Gravity - overbalancing  Windy and or wet conditions									Use task specific trained / experienced 'workers' in safe working at heights - ensure 'workers' know their responsibility during the work process  SWMS		
Carry materials, hot water unit / toilet pans / bath 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, spa and bath -  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	
Installing solar water heater to roof surface -  Slips, trips, falls and accessibility -  Inadequate fall prevention system / work platform -  Windy and or wet conditions -  Pitch of roof and roofing material -  Gravity - overbalancing	Fall from roof edge/ work platform / through roof or roof framing  Fractures, bruises lacerations and personal injuries  Muscle strain - back injuries and cuts		✓		✓			1	Identify the risks and plan the task in consultation with the 'workers'  Assess travel path and distance to work area  Ensure unobstructed access work area.  Provide perimeter guardrail / catch scaffold to perimeter of the roof surface.  Provide barricades to restrict access to work areas  Use task specific trained / experienced	Site Supervisor  Contractor / all 'workers'	

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									<p>trained 'workers' and team lifting</p> <p>Use safety harness / FAS - use task specific trained 'workers'</p> <p>Use appropriate PPE.</p>		
<p>Gluing PVC pipes in confined spaces</p> <p>Hazardous chemical Biological</p>	<p>Headaches</p> <p>Inhalation and exposure to hazardous chemicals; respiratory and sight damage</p>		✓			✓		2	<p>Identify the risks and plan the task in consultation with the relevant 'workers'</p> <p>Use task specific trained and experienced 'workers'.</p> <p>Regularly monitor 'workers' condition and air quality for chemical vapours</p> <p>Adequate ventilation and lighting</p> <p>Use appropriate PPE.</p> <p>Provide SDS.</p>	<p>Site Supervisor</p> <p>Contractor / all 'workers'</p>	
<p>Use of electrical powered / battery operated tools and equipment -</p> <p>Electricity -</p> <p>Exposure to noise -</p> <p>Exposure to dust -</p> <p>Hazardous chemicals -</p> <p>Biological -</p> <p>Equipment</p>	<p>Electrical shock or electrocution</p> <p>Hearing loss</p> <p>Inhalation of dust - respiratory problems.</p> <p>Eye and skin irritations / allergies -</p> <p>Sight damage</p>		✓			✓		2	<p>Identify the risks and plan the task in consultation with the 'workers'</p> <p>RCD installed on mains supply / portable generator</p> <p>Guards to plant and equipment fully operational</p> <p>Protect power lead from damage - power saw blade / sharp edges / vehicular traffic</p> <p>Use stands and hooks for leads in trafficable areas</p> <p>Adequate ventilation and lighting</p> <p>Use task specific trained 'workers'</p> <p>Use of appropriate PPE.</p>	Contractor/ all 'workers'	
<p>Chasing pipes in brickwork or timber using electrical power tools -</p> <p>Electricity -</p> <p>Exposure to noise -</p> <p>Exposure to dust -</p>	<p>Electric shock or electrocution</p> <p>Hearing damage.</p> <p>Dust inhalation / skin and eye allergies / irritations - respiratory problems.</p>		✓			✓		2	<p>Identify the risks and plan the task in consultation with the relevant 'workers'</p> <p>RCD installed on mains supply / portable generator</p> <p>Appropriate procedures to contain dust</p>	<p>Site Supervisor</p> <p>Contractor / all 'workers'</p>	

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Hazardous chemicals - Biological									<p>Monitor air quality for airborne dust/ fibres</p> <p>Use task specific trained and experienced 'workers' -rotate 'workers' and vary tasks.</p> <p>Use appropriate PPE Use of maintained / sharp tools</p>		
Cutting concrete / brickwork with petrol driven saw- Exposure to noise - Exposure to dust - Hazardous chemicals - Biological - Tools and equipment Struck by flying objects	<p>Hearing loss -</p> <p>Inhalation of exhaust fumes/ dust - respiratory problems -</p> <p>Sight damage</p>		✓			✓		2	<p>Identify the risks and plan the task in consultation with the relevant 'workers'</p> <p>Guards to equipment fully operational</p> <p>Monitor for airborne dust</p> <p>Use task specific trained 'workers'.</p> <p>Use appropriate PPE</p>	Contractor / all 'workers'	
Hand excavation for sewer and storm water -  Manual tasks -  Stability of the excavation material	<p>Muscle strain - back injuries and cuts</p> <p>Collapse of excavation sides</p>		✓			✓		2	<p>Identify the risks / hazards and plan the task in consultation with the 'workers'</p> <p>Use task specific trained and experienced 'workers' -rotate 'workers' and vary tasks.</p> <p>Regularly monitor the stability of the excavation works Use appropriate PPE. SWMS</p>	<p>Site Supervisor</p> <p>Contractor / all 'workers'</p>	
Hand excavation and sewer connection at manholes - Confined space - Hazardous chemicals - Biological	<p>Respiratory problems.</p> <p>Skin and eye allergies / irritations.</p>		✓			✓		3	<p>Identify the risks / hazards and plan the task in consultation with the 'workers'</p> <p>Use task specific trained and experienced 'workers' -rotate 'workers' and vary tasks.</p> <p>Monitor air quality.</p> <p>Regularly monitor the stability of the excavation works</p> <p>Use appropriate PPE</p>	<p>Site Supervisor</p> <p>Contractor / all 'workers'</p>	
Site clean up on completion of work	Inhalation of dust - respiratory		✓			✓		3	<p>Place all associated waste</p>	Contractor / all 'workers'	

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Manual tasks Exposure to dust -  Hazardous chemicals  Biological -	problems.  Eye and skin irritations / allergies  Personal injuries - cuts and abrasions.								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		

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:

Fax:

Email: