

## SITE SPECIFIC Risk Assessment

Date:		New	✓	Revised		Page	
-------	--	-----	---	---------	--	------	--

### TRADE: ELECTRICIAN

Job No:	7641/15	Client:	WILSON & VARCOE
Address:	3 Howley Street, Five Dock NSW 2046	Supervisor:	Jonathan Stewart

Key:	"1" action now	"2" action ASAP	"3" action ASAP
------	----------------	-----------------	-----------------

**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 and /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 site areas.  Provide and maintain barricades to isolate material and to restrict access.  Provide designated waste storage 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 tasks in consultation with the 'workers' Use task specific trained 'workers' and team lifting. Rotate 'workers' and vary tasks.	Contractor / all 'workers'	
Exposure to noise Plant / equipment	Hearing damage		✓			✓		2	Isolate plant and equipment. Use appropriate PPE	All 'workers'	

Job Step / Hazard	Potential Harm	Likelihood			Result			Priority	Possible Controls	Responsible Person/s	Date
		Likely	Possible	Unlikely	Major	Severe	Minor				
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'	
Exposure to dust Hazardous chemical - Biological -	Dust and chemical vapour inhalation / skin and eye allergies/ irritations.  Respiratory problems		✓			✓		2	Use appropriate PPE - disposable dust protection.  Monitor for airborne dust/ fibres	Contractor / all 'workers'	
Working on "live" circuits -  Electricity	Electric shock or electrocution		✓		✓			3	Identify the risks / hazards and plan the task in consultation with the 'workers' Isolate the power Tag and tape and terminate all circuits Use insulated ladders Use task specific trained 'workers'. SWMS	Site Supervisor  Contractor / all 'workers'	
Use of electrical powered / battery operated tools -  Electricity - Exposure to noise - Exposure to dust - Hazardous chemicals - Biological - Plant / equipment	Electric 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'  Protect power lead from damage - power saw blade / sharp edges / vehicular traffic Use stands and hooks for leads in trafficable areas  Guards to power tools fully operational.  Monitor for airborne dust/ fibres  Adequate ventilation and lighting  Use of appropriate PPE.  Use task specific trained 'workers'.	Contractor / all 'workers'	
Access to and work in confined space - under floor  Hazardous	Dust and chemical exposure - respiratory problems		✓			✓		3	Identify the risks / hazards and plan the task in consultation with the 'workers'  Use task specific trained,	Contractor / all 'workers'	

Job Step / Hazard	Potential Harm	Likelihood			Result			Priority	Possible Controls	Responsible Person/s	Date
		Likely	Possible	Unlikely	Major	Severe	Minor				
chemicals - Biological - Ergonomic	Skin and eye irritations / allergies  'Worker' trapped in confined space  Dehydration								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.		
Carry materials, cable drums and tools to ground floor work areas -  Slips, trips, falls and accessibility -  Access ways not clearly defined  Manual tasks	Slips, trips and falls Muscle strain - back injuries and cuts  Over exertion or repetitive movements		✓			✓		2	Identify the risks and plan the task in consultation with the 'workers'  Assess travel path and distance to work area  Ensure unobstructed access to work areas.  Ensure openings and voids in floors are fully covered.  Use task specific trained 'workers'  Limit the size of each load to easily manageable size.  Rotate 'workers' and vary tasks.	Contractor / all 'workers'	
Carry materials, cable drums and tools up ramp / scaffold -  Slips, trips, falls and accessibility -  Inadequate fall prevention system -  Slope of ramp -  Windy and or wet conditions -  Manual tasks	Slips, trips and falls from ramp / scaffold  Muscle strain - back injuries and cuts		✓			✓		2	Identify the risks and plan the task in consultation with the 'workers'  Assess travel path and distance to work area  Ensure unobstructed access to work areas.  Guardrails to ramp are in place. Ramp surface clean and dry.  Guardrails and toe boards to	Contractor / all 'workers'	

Job Step / Hazard	Potential Harm	Likelihood			Result			Priority	Possible Controls	Responsible Person/s	Date
		Likely	Possible	Unlikely	Major	Severe	Minor				
									scaffold are in place and work platform complete, clean and dry Limit the size of each load to easily manageable size. Rotate 'workers' and vary tasks. SWMS		
<p>Working at height from scaffold / work platform / roof surface to fit off upper external of home-</p> <p>Slips, trips, falls and accessibility -</p> <p>Inadequate fall prevention system / work platform -</p> <p>Windy and or wet conditions -</p> <p>Gravity - overbalancing</p>	<p>Slips, trips and falls from work platforms</p> <p>Fractures, bruises lacerations and personal injuries</p> <p>Fall from ladder</p>		✓		✓			2	<p>Identify the risks and plan the tasks in consultation with the 'workers'</p> <p>Assess travel path and distance to work area</p> <p>Ensure unobstructed access to work areas.</p> <p>Scaffold guardrails and toe boards in place - work platform complete, clean and dry.</p> <p>Provide barricades to restrict access to around / under work areas.</p> <p>Train 'workers' in safe working at heights.</p> <p>Correct use of ladders.</p> <p>Limit the use of ladders. Use of appropriate PPE</p>	<p>Scaffolder</p> <p>Site Supervisor</p> <p>Contractor / all 'workers'</p>	
<p>Working within existing roof covering / frame -</p> <p>Electricity -</p> <p>Insulation to old, wiring frayed or brittle [conduit] or easily damaged - water pipe electrified</p> <p>Gas -</p> <p>Slips, trips, falls and accessibility -</p> <p>Gravity - overbalancing</p>	<p>Electric shock or electrocution</p> <p>Accessibility</p> <p>Fall through framing members</p> <p>Insulation and ceiling dust/ fibres - respiratory problems</p> <p>Eye and skin irritations, allergies</p> <p>'Worker' trapped in confined space</p> <p>Dehydration</p>		✓			✓		3	<p>Identify the risks / hazards and plan the tasks in consultation with the 'workers'</p> <p>Use task specific trained and experienced 'workers'</p> <p>Monitor for airborne dust/ fibres</p> <p>Rotate 'workers' and vary tasks</p> <p>Train 'workers' in safe working in confined roof spaces</p> <p>Regularly monitor condition of 'workers' within the roof</p>	<p>Contractor / all 'workers'</p>	

Job Step / Hazard	Potential Harm	Likelihood			Result			Priority	Possible Controls	Responsible Person/s	Date
		Likely	Possible	Unlikely	Major	Severe	Minor				
Hazardous chemicals- Biological -  Ergonomic -  Extreme temperatures  Hazardous chemical Biological									space  Adequate fluid intake  Adequate ventilation and lighting. Use of appropriate PPE.		
Work access using step / extension ladder-  Slips, trips, falls and accessibility -  Inadequate fall prevention system / work platform -  Gravity - overbalancing	Fall from ladder		✓		✓			2	Identify the risks and plan the tasks in consultation with the 'workers'  Assess travel path and distance to work area  Ensure unobstructed access to work areas. Use scaffold as a working platform. Ensure ladders are at 4:1 slope. Secure ladder at base and top. Ensure <i>workers</i> face the ladder when climbing up and down ladder. Provide and maintain barricades to restrict access to work area. Limit the use of ladders	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 material 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:



Signed by:

(Contractor PCBU)

for and on behalf of:

Cape Cod Australia Pty. Ltd

Builder's Licence No.: 5519

ABN: 54 000 605 407

ABN:

Address:

Phone:

Fax:

Email: