



## SITE SPECIFIC Risk Assessment

Date:		New	✓	Revised		Page	
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### TRADE: CARPENTER

Job No:	7592/14	Client:	BICKNELL & CATTELL
Address:	66 Plowman Street, North Bondi NSW	Supervisor:	David Wahba

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 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	Assess travel path and distance to work area  Use mechanical assistance where practicable - provide training in the use of the equipment  Identify the risks and plan the	Contractor / all 'workers'	

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									<p>task in consultation with the 'workers'</p> <p>Ensure one person is appointed to plan and take charge of the task</p> <p>Plan the task in stages - e.g. ensure grip is secure - lift to waist height - place support under load - team 'workers' to re-group then lift load into position</p> <p>Use trained 'workers' and team lifting - rotate 'workers' and vary tasks.</p> <p>Ensure enough space is available for the team 'workers' to safely manoeuvre as a group.</p> <p>Where possible, use team 'workers' of a similar height and capability</p> <p>Provide additional team 'workers' to assist that are proportional to the weight and difficulty of the task</p> <p>Ensure load is shared evenly</p> <p>Ensure team 'workers' know their responsibility during the lift –</p> <p>On sloping sites, ensure safe footing is provided</p>		
Exposure to noise Plant / equipment	Hearing damage		✓			✓		2	<p>Isolate plant and equipment</p> <p>Use appropriate PPE</p>	All 'workers'	
Exposure to UV light / weather -  UV light - glare  Extreme temperatures	<p>Skin cancer / sun burn -</p> <p>Dehydration - heat stroke or fatigue</p> <p>Sight damage</p>		✓			✓		2	<p>Reduce exposure where possible.</p> <p>Monitor 'workers' condition</p> <p>Adequate fluid intake</p> <p>Use appropriate sun screen.</p> <p>Wear appropriate PPE.</p>	Contractor / all 'workers'	
Contact with o/head electrical services / point of attachment - Power lines not	Electric shock or electrocution		✓			✓		3	<p>Identify that the electrical supply is isolated prior to work commencing.</p> <p>Provide 'tiger tails' [insulation] - adequately boxed adjacent to scaffold -</p>	Licensed Electrical Contractor or Approved person	

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isolated, covered or enclosed - Working to close to electrical supply - Strong winds causing power lines to swing close to work area - Wet conditions making 'tiger tails' ineffective									extended an appropriate distance past the boundary	Site Supervisor  Contractor / all 'workers'	
Protection of other 'workers' and the public -  Slips, trips, falls and accessibility -  Access ways not clearly defined -  Hazardous chemicals - Biological	Slips, trips and falls  Wind- borne dust / fibres  Struck by falling objects		✓			✓		2	Provide barricades to materials stored on footpath  Provide and maintain barricades to isolate and to restrict access to work areas.  Use of shade cloth around work area.  Wet down dust.  Provide "Spotter" to stop others entering work area	Site Supervisor  Contractor / all 'workers'	
Working at height - [over 3m]  Slips, trips, falls and accessibility -  Inadequate fall prevention system / work platform -  Old roofing material or skylight/s - brittle  Increased traffic on roof surface - walking in the middle of battens -  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	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 trained / experienced 'workers'.  SWMS	Site Supervisor  Contractor / all 'workers'	
Location of services - Electricity - insulation to old wiring frayed or	Electric shock or electrocution  Gas service - explosion  Inhalation and		✓		✓			3	Isolate / relocate electrical supply / wiring.  RCD installed on mains supply / portable generator	Site Supervisor / all 'workers'	

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		Likely	Possible	Unlikely	Major	Severe	Minor				
brittle [conduit] or easily damaged - water pipe electrified Gas - Hazardous chemical Biological	exposure to hazardous chemicals.								Isolate / relocate gas supply		
Stripping existing roof covering and frame -  Slips, trips, falls and accessibility -  Inadequate fall prevention system / work platform -  Old roofing material - brittle  Increased traffic on roof surface - walking in the middle of battens -  Windy and or wet conditions -  Gravity - overbalancing -  Hazardous chemicals -  Biological -  Manual tasks -  Electricity	Slips, trips and falls from work platform.  Fractures, bruises lacerations and personal injuries / cuts and abrasions.  Struck by falling object.  Exposure to ceiling dust and insulation fibres - respiratory problems.  Electric shock or electrocution		✓			✓		2	Conduct hazardous chemical assessment prior to work commencement of works.  Adequate consultation with relevant "workers"  Appropriate removal procedures to contain dust / fibres.  Provide debris chute.  Controlled lowering of roofing sheets and tiles  Provide barricade to restrict access to the work area.  Provide "Spotter" to stop others entering work area  Don't stack materials on roof or on scaffold.  Use trained 'workers.- ensure 'workers' know their responsibility during the work process  Don't remove metal roof sheeting on windy days.  Use of appropriate PPE	Contractor / all 'workers'	
Carry materials 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	Assess travel path and distance to work area  Ensure unobstructed access to site and work areas.  Use trained 'workers.- ensure 'workers' know their responsibility during the work process  Rotate 'workers' and vary tasks.	Contractor / all 'workers'	
Hand demolish rendered brickwork - ground level -	Slips, trips and falls		✓		✓			2	Assess travel path and distance to work area	Supervisor  Contractor / all	

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Slips, trips, falls and accessibility - Access ways not clearly defined - Electricity - Exposure to dust - Manual tasks - Hazardous chemicals - Biological - Gravity - stability of the structure - Proximity to other 'workers'	Electric shock or electrocution Muscle strain - back injuries and cuts Over exertion or repetitive movements. Inhalation and exposure to dust - skin and eye irritations and allergies. Injuries due to collapse								Ensure unobstructed access to work areas. Use trained 'workers' - ensure 'workers' know their responsibility during the work process Rotate 'workers' and vary tasks Guards to plant and equipment fully operational Appropriate warning signage and barricades to restrict access into the work area. Wet down to minimise dust release. Regularly monitor airborne dust Use appropriate PPE SWMS	'workers'	
Removal of asbestos cement [ACM] internal ceiling linings - Slips, trips, falls and accessibility - Hazardous chemicals - Biological - Manual tasks - Proximity to other 'workers' and public	Inhalation and exposure to ACM fibres / dust - respiratory problems Slips, trips and falls through frame Fractures, bruises lacerations and personal injuries Exposure to ceiling dust - eye and skin irritations - respiratory problems.		✓			✓		3	Assess travel path and distance to work area Ensure unobstructed access to work areas. Conduct hazardous chemical assessment prior to work commencement of works. Adequate consultation with relevant "workers" Appropriate removal procedures to contain dust / fibres. Use trained experienced 'workers'. Appropriate warning signage and barricades to restrict access into the work area. Remove sheets with minimal breakage Wet down to minimise dust / fibre release. Seal residues of ACM that cannot be removed from timber framed members	Site Supervisor Contractor / all 'workers'	

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									Wrap all material in heavy duty plastic sheeting and seal.  Regularly monitor airborne dust/ fibres  Use appropriate PPE SWMS		
Carrying materials / floor timbers / joists up ramp / scaffold -  Slips, trips, falls and accessibility -  Slope of ramp  Windy and or wet conditions -  Manual tasks	Slips, trips and falls  Back injuries - strains and sprains		✓			✓		2	Assess travel path and distance to work area  Ensure unobstructed access to site and work areas.  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 trained 'workers' and team lifting.- ensure team 'workers' know their responsibility during the work process  Order timber in short lengths. SWMS	Site Supervisor  Contractor / all 'workers'	
Positioning floor timbers / joists on existing wall frames -  Slips, trips, falls and accessibility –  Inadequate fall arrest system / work platform –  Windy and or wet conditions -  Gravity - overbalancing  Manual tasks	Slips, trips and falls  Back injuries - strains and sprains		✓			✓		2	Assess travel path and distance to work area  Use trained 'workers' and team lifting.- ensure team 'workers' know their responsibility during the work process  Use planks as temporary work platform.  SWMS	Contractor / all 'workers'	
Carrying and placing structural steel beams and posts	Slips, trips and falls  Back injuries - strains and sprains		✓			✓		2	Assess travel path and distance to work area  Ensure unobstructed access to site and work areas.	Contractor / all 'workers'	

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Slips, trips, falls and accessibility -  Access ways not clearly defined -  Windy and or wet conditions -  Manual tasks									Where practicable use mechanical means to lift and position beams and posts  Use trained ' <i>workers</i> ' and team lifting - additional ' <i>workers</i> ' to assist  Use short beams where possible.  SWMS		
Carrying and placing floor sheets  Slips, trips, falls and accessibility - Manual tasks	Slips, trips and falls through open floor joists  Back injuries - strains and sprains		✓			✓		2	Assess travel path and distance to work area  Ensure unobstructed access to site and work areas.  Use planks as temporary work platform.  Use trained ' <i>workers</i> ' and team lifting.  Ensure ' <i>workers</i> ' know their responsibility during the carrying and positioning of the sheets upon the open floor joists	Contractor / all ' <i>workers</i> '	
Carrying frames up ramp / scaffold  Slips, trips, falls and accessibility -  Slope of ramp -  Windy and or wet conditions -  Manual tasks	Slips, trips and falls.  Back injuries - strains and sprains		✓			✓		2	Assess travel path and distance to 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 trained ' <i>workers</i> ' and team lifting.- ensure team ' <i>workers</i> ' know their responsibility during the work process  Remove guardrail from ramp to allow easy carrying.  Have large prefab frames delivered with loose lintels.  Use site cut frames on first floor.  Have frames made in smaller lengths.	Contractor  Contractor / all ' <i>workers</i> '	

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									Use mechanical assistance where practicable - provide training in the use of the equipment		
Install tarpaulins to exposed roof space -  Slips, trips, falls and accessibility -  Inadequate fall prevention system / work platform -  Windy and or wet conditions - Gravity - overbalancing - Manual tasks	Slips, trips and falls  Back injuries - strains and sprains  Struck by flying object		✓		✓			1	Use trained 'workers' and team lifting to position tarp.  Additional 'workers' to assist where required  Ensure team 'workers' know their responsibility during the positioning of the tarp  Ensure all tarps are securely tied down and not weighted with tiles.	Contractor / all 'workers'	
Install poly-fabric cover to first floor platform -  Slips, trips, falls and accessibility -  Windy and or wet conditions -  Gravity - overbalancing-  Manual tasks	Slips, trips and falls  Back injuries - strains and sprains		✓		✓			1	Use trained 'workers' and team lifting to position and to roll out poly-fabric.	Contractor / all 'workers'	
Cutting timber frame with power saw - Electricity - Exposure to noise - Exposure to dust - Hazardous chemicals - Biological - Tools and equipment Struck by flying objects	Electric shock or electrocution  Hearing loss -  Inhalation of dust - respiratory problems -  Sight damage		✓			✓		2	RCD installed on mains supply / portable generator  Guards to equipment fully operational  Use trained 'workers'.  Use appropriate PPE.	Contractor / all 'workers'	
Lifting / placement of roof trusses -  Slips, trips, falls and accessibility -	Slips, trips, falls  Back injuries - muscle strain / sprain		✓			✓		2	Use planks as temporary work platform  Use mechanical assistance to position trusses on top of wall plates	Contractor / all 'workers'	



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<p>Inadequate fall prevention system / work platform -</p> <p>Windy and or wet conditions -</p> <p>Manual tasks</p>									<p>Use trained 'workers' and team lifting.- ensure team 'workers' know their responsibility during the lifting and positioning of the roof trusses</p> <p>Replace truss with cut roof.</p> <p>Have girder trusses made in two [2] sections i.e.: not nailed together</p>		
<p>Lifting large strutting and hanging beams onto top wall plate</p> <p>Slips, trips, falls and accessibility -</p> <p>Inadequate work platform -</p> <p>Windy and or wet conditions -</p> <p>Manual tasks</p>	<p>Slips, trips and falls</p> <p>Back injuries - strains and sprains</p>		✓			✓		2	<p>Assess travel path and distance to work area</p> <p>Ensure unobstructed access work area.</p> <p>Use planks as temporary work platform.</p> <p>Use mechanical assistance where practical to lift and position</p> <p>Use trained 'workers' and team lifting - additional 'workers' to assist.- ensure team 'workers' know their responsibility during the work task</p>	<p>Contractor / all 'workers'</p> <p>Site Supervisor</p>	
<p>Fixing eaves and windows -</p> <p>Slips, trips, falls and accessibility -</p> <p>Inadequate fall prevention system / work platform -</p> <p>Pitch of roof - roofing material -</p> <p>Windy and or wet conditions -</p> <p>Gravity - overbalancing -</p> <p>Manual tasks</p>	<p>Slips, trips and falls from work platform and accessibility.</p> <p>Fractures, bruises lacerations and personal injuries</p> <p>Back injuries - strains and sprains.</p>		✓		✓			1	<p>Use trained 'workers' and team lifting.</p> <p>Guardrails to scaffold, work platform complete, clean and dry.</p> <p>Perimeter guardrail / catch scaffold to roof surfaces when working from roof surface</p> <p>Use safety harness when working from roof surface.</p> <p>Use of appropriate PPE.</p>	<p>Contractor / all 'workers'</p> <p>Site Supervisor</p>	
<p>Carry rolls of 'polastic' insulation up ramp /scaffold -</p> <p>fixing of the insulation and battens -</p>	<p>Slips, trips and falls from ramp or work platform</p> <p>Muscle strain - back injuries and cuts</p>		✓			✓		3	<p>Assess travel path and distance to work area</p> <p>Ensure unobstructed access to work areas.</p> <p>Guardrails to ramp are in place - ramp and work</p>	<p>Contractor / all 'workers'</p>	

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Slips, trips, falls and accessibility - Inadequate fall protection system / work platform - Slope of ramp - Windy and or wet conditions - Manual tasks Exposure to dust - Hazardous chemicals - Biological	Dust inhalation - respiratory problems Eye and skin irritations / allergies								platform clean and dry. Scaffold guardrails and work platform is complete - use of toe boards /dust screening. Provide barricades to restrict access to around / under work areas. Team lifting and carrying. Rotate 'workers' and vary tasks. Limit weights to manageable sizes. Appropriate procedures to contain dust resulting from cutting of panels Use appropriate PPE - disposable dust protection. SWMS		
Exposure to polystyrene dust	Dust inhalation - respiratory problems Eye and skin irritations / allergies		✓			✓		2	Appropriate procedures to contain dust. Use appropriate PPE - disposable dust protection. Provide Safety Data Sheet.	Contractor / all 'workers'	
Stairwell opening - roughed-in stair no guardrail - Slips, trips, falls and accessibility - Gravity - overbalancing	Falls through open stairwell Fractures, bruises lacerations and personal injuries		✓		✓			1	Prevent access to opening. Provide guardrail / edge protection to void Cover stairwell with temporary sheeting.	Contractor / all 'workers' Staircase Installer	
Carrying fix out material / tools up stairs - Slips, trips, falls and accessibility - Manual tasks	Slips, trips and falls Back injuries - strains and sprains		✓			✓		2	Assess travel path and distance to work area Ensure unobstructed access work areas. Use trained 'workers' and team lifting. SWMS	Contractor / all 'workers'	
Working at height – balcony / deck Slips, trips, falls and accessibility -	Fall from balcony / deck edge / work platform		✓		✓			1	Assess travel path and distance to work area Ensure unobstructed access work areas.	Site Supervisor Contractor / all 'workers'	

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Inadequate fall prevention system / work platform -  Gravity - overbalancing  Windy and or wet conditions	Fall through balcony framing  Fractures, bruises lacerations and personal injuries								Provide guardrails, perimeter edge protection / catch scaffold.  Scaffold / work platform to balcony / deck area.  Use trained / experienced 'workers'.  SWMS		
Use of power tools in confined space  Electricity - Exposure to noise - Exposure to dust - Hazardous chemicals - Biological Tools and equipment	Electric shock or electrocution  Hearing loss  Inhalation of dust - respiratory problems  Sight damage		✓			✓		2	RCD installed on mains supply / portable generator  Guards to plant and equipment fully operational  Use trained 'workers' and rotate tasks  Adequate light and ventilation  Use of appropriate PPE.	Contractor / all 'workers'	
Carrying vanity unit and bath up ramp / scaffold or up stairs  Slips, trips, falls and accessibility -  Slope of ramp -  Windy and or wet conditions -  Manual tasks	Slips, trips, falls and accessibility.  Back injuries - strains and sprains		✓			✓		2	Assess travel path and distance to work area  Ensure unobstructed access work areas.  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 trained 'workers' and team lifting..	Contractor  Contractor / all 'workers'	
Building in bath - Manual tasks	Back injuries - strains and sprains		✓			✓		2	Use trained and experienced 'workers' and team lifting	Carpenter / Plumber	
Cutting chemically treated timber, pine and particleboard / MDF sheets - Exposure to noise - Exposure to dust - Hazardous chemicals - Biological Equipment	Hearing loss  Inhalation of dust – respiratory problems  Sight damage		✓			✓		2	RCD installed on mains supply / portable generator  Guards to plant and equipment fully operational.  Train 'workers' in the safe handling and cutting of hazardous materials.  Adequate ventilation  Use of appropriate PPE  Provide SDS for product.	Contractor / all 'workers'	
Site clean up on	Exposure to dust -		✓			✓		3	Remove any temporary	Contractor / all	

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completion of work  Manual tasks Exposure to dust - Hazardous chemicals Biological -	Hazardous chemicals - Biological –  Personal injuries - cuts and abrasions.								barricades if no longer required  Place all rubbish in appropriate bins  Leave site / work area in a clean and tidy condition	'workers'	

I / We have consulted with Cape Cod Australia Pty. Ltd. 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. Ltd. 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: