

## SITE SPECIFIC Risk Assessment

Date:		New	✓	Revised		Page	
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### TRADE: ROOF TILER

Job No:	7665/15	Client:	KINGSMILL & POWER
Address:	28 Cobden Avenue, Lane Cove NSW 2066	Supervisor:	Andrew Cashmore

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 *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 WorkCover 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 Part 4.4 Falls Clauses 78-80 of WHS Regulation 2011

**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	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 tasks in consultation with the 'workers'  Use task specific trained 'workers' and team lifting - rotate 'workers' and vary	Contractor / all 'workers'	

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									tasks.		
Exposure to dust - Hazardous chemical - Biological -	Dust inhalation / skin and eye allergies/ irritations. Respiratory problems		✓			✓		3	Appropriate removal procedures for roofing material to contain dust. Use appropriate PPE	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'	
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 'tiger tails' ineffective	Electric shock or electrocution		✓			✓		3	Identify that the electrical supply is isolated prior to work commencing.  Provide 'tiger tails' [insulation] - adequately boxed adjacent to scaffold - extended an appropriate distance past the boundary	Licensed Electrical Contractor or Approved person  Site Supervisor  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 / wiring is isolated prior to work commencing  RCD installed on mains supply / portable generator  Isolate gas service.	Site Supervisor / all 'workers'	
Gaining access to the roof surface -	Slips, trips, falls and accessibility		✓		✓			1	Identify the risks and plan the task in consultation with the	Contractor / all 'workers'	

Job Step / Hazard	Potential Harm	Likelihood			Result			Priority	Possible Controls	Responsible Person/s	Date
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<p>use of ladder</p> <p>Slips, trips, falls and accessibility -</p> <p>Inadequate access and access not suitably defined -</p> <p>Windy and or wet conditions -</p> <p>Gravity - overbalancing</p>	<p>Muscle strain - back injuries and cuts</p> <p>Fall from ladder</p>								<p>'workers'</p> <p>Assess travel path and distance to work area</p> <p>Ensure unobstructed access work areas</p> <p>Use scaffold as working platform.</p> <p>Ensure ladder is at 4:1 slope.</p> <p>Secure ladder at base and top.</p> <p>Ensure 'workers' face the ladder when climbing up and down ladder.</p> <p>Provide and maintain barricades to restrict access to work area.</p> <p>Limit the use of ladders</p> <p>Training on the safe use of ladders</p>		
<p>Stripping existing tiled roof surfaces -</p> <p>Slips, trips, falls and accessibility -</p> <p>Inadequate fall prevention system / work platform -</p> <p>Pitch of roof - condition of tiles -</p> <p>Windy and or wet conditions</p> <p>Gravity - overbalancing</p> <p>Manual tasks</p>	<p>Falls through roof frame and from the roof edge</p> <p>Fractures, bruises lacerations and personal injuries</p> <p>Muscle strain - back injuries and cuts</p>		✓		✓			3	<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 work areas.</p> <p>Appropriate removal procedures to contain dust</p> <p>Provide perimeter guardrail / catch scaffold to roof surface.</p> <p>Use task specific trained 'workers' in safe working at heights - ensure 'workers' know their responsibility during the work / removal process</p> <p>Use safety harness - use task specific trained 'workers'.</p> <p>Controlled removal / disposal of the roofing</p>	Contractor / all 'workers'	

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									tiles - provide debris chute  Use designated drop areas to restrict traffic across the roof surface  Don't stack / store removed tiles on roof or on scaffold.  Don't remove / strip tiles and a wet or windy day  Provide barricades to restrict access to work areas.  Wear appropriate PPE		
Walking on tiles that break under foot -  Slips, trips, falls and accessibility - walking in the middle of tiles - not tile lap -  Inadequate fall prevention system / work platform -  Pitch of roof -  Windy and or wet conditions -  Gravity - overbalancing  Manual tasks	Slips, trips and falls through roof surface.  Fractures, bruises lacerations and personal injuries		✓			✓		2	Identify the risks and plan the task in consultation with the 'workers'  Assess travel path and distance to work area  Ensure unobstructed access work areas.  Use task specific trained 'workers'  Provide perimeter guardrail / catch scaffold to roof surface.  Use designated drop areas to restrict traffic across the roof surface  Provide training on safe working at heights and on brittle surfaces.  Use appropriate PPE	Contractor / all 'workers'	
Set out of roofing battens -  Slips, trips, falls and accessibility-  Inadequate fall prevention system / work platform -  Pitch of roof -  Windy and or wet conditions -	Slips, trips and falls through framing  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 areas.  Provide perimeter guardrail / catch scaffold to roof surface.	Site Supervisor  Contractor / all 'workers'	

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Gravity - overbalancing Manual tasks									Use task specific trained /experienced 'workers' in safe working at heights - ensure 'workers' know their responsibility during the work process  Limit truss/rafter spacing to 600mm SWMS		
Cutting in roofing battens -  Slips, trips, falls and accessibility. Manual tasks	Slips, trips and falls through framing  Muscle strain - back injuries and cuts		✓		✓			1	Identify the risks and plan the tasks in consultation with the 'workers'  Ensure unobstructed access to work areas.  Use task specific trained and experienced 'workers'.  Limit truss / rafter spacing to 600mm.  Wear appropriate PPE	Contractor / all 'workers'	
Carry rolls of foil sarking up ramp / scaffold -  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	Slips, trips and falls from ramp or work platform  Muscle strain -back injuries and cuts  Dust inhalation - respiratory problems  Eye and skin irritations / allergies		✓			✓		3	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 and work platform clean and dry.  Scaffold guardrails and work platform is complete  Provide barricades to restrict access to around / under work areas. Team lifting and carrying. Rotate 'workers' and vary tasks. Limit weights to manageable sizes.	Contractor / all 'workers'	

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									Use appropriate PPE SWMS		
Carry rolls of sarking over roof frame and cut and fix sarking-  Slips, trips, falls and accessibility -  Inadequate fall prevention system / work platform -  Pitch of roof  Windy and or wet conditions  Gravity - overbalancing  Manual tasks  Glare from reflective sarking	Slips, trips and falls from edge of roof and through the framing.  Fractures, bruises lacerations and personal injuries  Muscle strain - back injuries		✓		✓			1	Identify the risks and plan the tasks in consultation with the 'workers'  Ensure unobstructed access to work areas.  Provide perimeter guardrail to the roof.  Use task specific trained 'workers'.  Limit truss / rafter spacing to 600mm.  Use safety harness - use task specific trained 'workers'.  Don't install sarking in wet or windy conditions	Site Supervisor  Contractor / all 'workers'	
Use of electrical powered plant and equipment -  Electricity - Exposure to noise -	Electrical shock or electrocution  Hearing loss  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 leads from damage - power saw blade / sharp edges / vehicular traffic  Use stands and hooks for leads in trafficable areas  Use of appropriate PPE.	Contractor/ all 'workers'	
Use of pneumatic operated tools and equipment -  Compressed air - Exposure to noise - Exposure to dust -	Impact injury from projectiles  Hearing loss  Inhalation of dust - respiratory problems.		✓			✓		2	Identify the risks and plan the task in consultation with the 'workers'  Appropriate warning signage and barricades to restrict access into	Contractor / all 'workers'	

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Hazardous chemicals Biological - Plant / equipment	Eye and skin irritations / allergies -  Sight damage								the work area  Ensure unobstructed access work areas  Regularly monitor that air hoses are securely engaged and not damaged  Guards to tools fully operational  Protect air line from damage - power saw blade / sharp edges / vehicular traffic  Use of appropriate PPE.  Use task specific trained 'workers'.		
Load roof with tiles - positioning of the tile elevator -  Access to tiles and elevator  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'  Ensure unobstructed access to tiles and elevator  Use task specific trained 'workers' to operate plant and equipment.  Use task specific trained 'workers' and team lifting - rotate 'workers' and vary tasks.  Use appropriate PPE. SWMS	Contractor / all 'workers'	
Installation of tiled roof covering -  Slips, trips, falls and accessibility -  Inadequate fall prevention system / work platform-  Pitch of roof  Windy and or wet conditions	Slips, trips and falls from edge of roof  Fractures, bruises lacerations and personal injuries  Muscle strain - back injuries and cuts  Over exertion or repetitive movements		✓		✓			1	Identify the risks and plan the tasks in consultation with the 'workers'  Provide perimeter guardrail / catch scaffold to the roof surface.  Use safety harness and task specific trained 'workers'  Use task specific trained /experienced 'workers' in	Site Supervisor  Contractor / all 'workers'	

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Gravity - overbalancing Manual tasks									safe working at heights - ensure 'workers' know their responsibility during the work process  Rotate 'workers' and vary tasks.		
Cut roof tiles to fit at gables / hips / valleys -  - dispose of tile off - cuts from roof surface -  Slips, trips, falls and accessibility -  Inadequate fall prevention system / work platform -  Pitch of roof -  Windy and or wet conditions -  Gravity - overbalancing Manual tasks	Slips, trips and falls from edge of roof.  Muscle strain - back injuries and cuts  Over exertion or repetitive movements  Struck by falling objects.		✓			✓		2	Identify the risks and plan the task in consultation with the 'workers'  Ensure unobstructed access to work areas.  Provide perimeter guardrail to the roof surface  Use designated drop areas to restrict traffic across the roof surface  Provide barricades to restrict access to work areas.  Use appropriate PPE.	Contractor / all 'workers'	
Bedding and pointing with lime / cement -  Hazardous chemicals - Biological -	Inhalation of dust - respiratory problems.  Eye and skin irritations / allergies		✓			✓		3	Provide training on safe use of lime and cement products.  Use appropriate PPE and provide SDS.	Contractor / all 'workers'	
Bedding and pointing with flexible pointing -  Hazardous chemicals - Biological -	Eye and skin irritations / allergies		✓			✓		3	Provide training on safe use of pointing product.  Use appropriate PPE and provide SDS.	Contractor / all 'workers'	
Site clean up including roof surfaces 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	Identify the risks and plan the tasks in consultation with the 'workers'  Provide perimeter guardrail to the roof surface  Use task specific trained 'workers' in the safe operation of equipment used to clean down the	Contractor / all 'workers'	

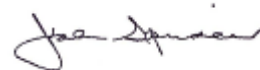


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									roof surfaces  Use appropriate PPE including footwear  Remove any temporary barricades if no longer required from around work area  Place all associated roofing waste and debris in the designated waste area / skip bin  Leave site / work area in a clean and tidy condition		

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. Limited

ABN: 54 000 605 407

Builder's Licence No.: 5519

ABN:

Address:

Phone:

Fax:

Email: