



## SITE SPECIFIC Risk Assessment

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

Job No:	7559/14	Client:	CHUNG
Address:	111 Elizabeth Street, Ashfield NSW 2131	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	Use trained 'workers' and team lifting. Rotate 'workers' and vary tasks.	Contractor / all 'workers'	
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.	Contractor / all 'workers'	

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		Likely	Possible	Unlikely	Major	Severe	Minor				
									Use appropriate PPE		
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 too 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'	
Gain access to roof  Slips, trips, falls and accessibility -  Inadequate access and access not suitably defined -  Gravity - overbalancing	Slips, trips, falls and accessibility  Muscle strain - back injuries and cuts  Fall from ladder		✓		✓			1	Assess travel path and distance to work area  Ensure unobstructed access work areas.  Training on the safe use of ladders	Contractor / all 'workers'	
Stripping tiled roof surfaces -  Slips, trips, falls and	Falls through roof frame and from the roof edge		✓		✓			3	Assess travel path and distance to work area  Ensure unobstructed	Contractor / all 'workers'	

Job Step / Hazard	Potential Harm	Likelihood			Result			Priority	Possible Controls	Responsible Person/s	Date
		Likely	Possible	Unlikely	Major	Severe	Minor				
accessibility – Inadequate fall prevention system / work platform - Pitch of roof - condition of tiles - Windy and or wet conditions Gravity - overbalancing Manual tasks	Fractures, bruises lacerations and personal injuries Muscle strain - back injuries and cuts								access work areas. Appropriate removal procedures to contain dust Provide perimeter guardrail / catch scaffold to roof surface. Use trained ' <i>workers</i> ' in safe working at heights. Use safety harness. Use designated drop areas to restrict traffic across the roof surface Provide barricades to restrict access to work areas. Wear appropriate PPE		
Walk 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	Assess travel path and distance to work area Ensure unobstructed access work areas. 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 ' <i>workers</i> '	
Set out of roofing battens - Slips, trips, falls and accessibility- Inadequate fall prevention system / work platform - Pitch of roof - Windy and or wet conditions - Gravity - overbalancing	Slips, trips and falls through framing Muscle strain - back injuries and cuts		✓		✓			1	Assess travel path and distance to work area Ensure unobstructed access work areas. Provide perimeter guardrail / catch scaffold to roof surface. Use experienced/ trained ' <i>workers</i> '. Limit truss/rafter spacing to 600mm SWMS	Site Supervisor Contractor / all ' <i>workers</i> '	


Job Step / Hazard	Potential Harm	Likelihood			Result			Priority	Possible Controls	Responsible Person/s	Date
		Likely	Possible	Unlikely	Major	Severe	Minor				
Manual tasks											
Cut in roofing battens - Slips, trips, falls and accessibility. Manual tasks	Slips, trips and falls through framing Muscle strain - back injuries and cuts		✓		✓			1	Ensure unobstructed access to work areas. Use experienced/ trained 'workers'. Limit truss / rafter spacing to 600mm. Wear appropriate PPE	Contractor / all 'workers'	
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	Slips, trips and falls from edge of roof and through the framing. Fractures, bruises lacerations and personal injuries Muscle strain - back injuries		✓		✓			1	Ensure unobstructed access to work areas. Provide perimeter guardrail to the roof. Use trained 'workers'. Limit truss / rafter spacing to 600mm. Use safety harness.	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	RCD installed on mains supply / portable generator Guards to plant and equipment fully operational. Use of appropriate PPE.	Contractor/ all 'workers'	
Load roof - position elevator – Access to tiles and elevator Manual tasks	Muscle strain - back injuries and cuts Over exertion or repetitive movements		✓			✓		2	Ensure unobstructed access to tiles and elevator Use trained 'workers' to operate plant and equipment. Use trained 'workers' and team lifting Rotate 'workers' and vary tasks. Use appropriate PPE. SWMS	Contractor / all 'workers'	

Job Step / Hazard	Potential Harm	Likelihood			Result			Priority	Possible Controls	Responsible Person/s	Date
		Likely	Possible	Unlikely	Major	Severe	Minor				
Lay tiled roof covering -  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  Fractures, bruises lacerations and personal injuries  Muscle strain - back injuries and cuts  Over exertion or repetitive movements		✓		✓			1	Provide perimeter guardrail / catch scaffold to the roof surface.  Safety harness  Use trained and experienced 'workers'  Rotate 'workers' and vary tasks.	Site Supervisor  Contractor / all 'workers'	
Cut roof tiles to fit at hip / 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	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'	
Site clean up on completion of work  Manual tasks  Exposure to dust -  Hazardous chemicals Biological -	Exposure to dust - Hazardous chemicals - Biological –  Personal injuries - cuts and abrasions.		✓			✓		3	Remove any temporary barricades if no longer required  Place all rubbish in appropriate bins  Leave site / work area in a clean and tidy condition	Contractor / all '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: