

Date:		New	✓	Revised		Page	
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TRADE: SHEET METAL ROOFER

Job No:	7749/16	Client:	TINDENT Pty. Ltd.
Address:	38 Woodriff Street, PENRITH.	Supervisor:	Shane Denny

Key:	"1" action now	"2" action ASAP	"3" action ASAP
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Note 1: Refer to the general Safety Plan and your Safe Work Method Statement prepared in accordance with WHS Regulation 2011 s309-315 Part 6.4

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 WHS Regulation 2011 - Hazardous manual tasks Part 4.2 or Safe Work Australia - National Code of Practice for Manual Handling 2009 [or as amended] or Safe Work 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 WHS Regulation 2011 - Falls s78-80 Part 4.4

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	Identify the risks and plan the tasks in consultation with the 'workers' Assess travel path and distance to work area Ensure unobstructed all weather access to site and work areas. Unload and move equipment and materials to designated area to keep footpath / work place access clear	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'	

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Manual tasks - lifting metal roofing sheets and accessories - Manual tasks	Muscle strain - back injuries and cuts Over exertion or repetitive movements		✓			✓		2	<p>Assess travel path and distance to work area</p> <p>Ensure unobstructed access work areas.</p> <p>Identify the risks and plan the task in consultation with the 'workers'</p> <p>Use task specific trained / experienced 'workers' - ensure 'workers' know their responsibility during the work process</p> <p>Rotate 'workers' and vary tasks</p> <p>Limit weights to manageable sizes.</p> <p>Use mechanical assistance where practicable to position roofing sheets</p> <p>Use appropriate PPE.</p>	Contractor / all 'workers'	
Exposure to noise Plant / equipment	Hearing damage		✓			✓		2	<p>Isolate plant and equipment.</p> <p>Use appropriate PPE.</p>	Contractor / all 'workers'	
Exposure to UV light / weather - UV light - glare Extreme temperatures	Skin cancer / sun burn - Dehydration - heat stroke or fatigue Sight damage		✓			✓		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'	
Location of services - Electricity - insulation to old wiring frayed or brittle [conduit] or easily damaged - water pipe electrified Hazardous chemical Biological	Electric shock or electrocution Inhalation and exposure to hazardous chemicals.		✓		✓			3	<p>Isolate electrical service / wiring.</p> <p>RCD installed on mains supply / portable generator</p> <p>Isolate gas service.</p>	Site Supervisor / all 'workers'	
Carry roofing materials and tools up ramp / scaffold - Slips, trips, falls and accessibility - Slope of ramp - Windy and or wet	Slips, trips and falls Muscle strain - back injuries and cuts Over exertion or repetitive movements		✓			✓		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 to work areas.</p> <p>Guardrails to ramp are in</p>	Contractor / all 'workers'	

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		Likely	Possible	Unlikely	Major	Severe	Minor				
conditions - Manual tasks									place - ramp surface clean and dry. Scaffold guardrails, work platform and toe boards is complete - clean and dry work platform. Use task specific trained 'workers' - team lifting and carrying. Limit weights to manageable sizes.		
Carry rolls of foil backed insulation 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 - use of toe boards /dust screening. Provide and maintain appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area by others Use task specific trained 'workers' - team lifting and carrying - rotate 'workers' and vary tasks. Limit weights to manageable sizes. Use appropriate PPE - disposable dust protection. SWMS	Contractor / all 'workers'	
Work at height - cut and fix metal barge / fascia, eave and valley gutter, fix roofing battens and foil backed sarking / insulation - Slips, trips, falls and accessibility -	Slips, trips and falls from edge of roof, through framing, from work platform. Fractures, bruises lacerations and personal injuries Cuts and abrasions		✓		✓			3	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 area Use mechanical assistance	Site Supervisor Contractor / all 'workers'	

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		Likely	Possible	Unlikely	Major	Severe	Minor				
Inadequate fall prevention system / work platform - Windy and or wet conditions - Gravity - overbalancing - Manual tasks	Sight damage								where practicable; provide training in the use of the equipment Provide perimeter guardrail / catch scaffold to roof surfaces including gable ends Provide and maintain appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area by <i>others</i> Use task specific trained experienced ' <i>workers</i> ' in working at heights - additional ' <i>workers</i> ' to handle long lengths of fascia / barge capping, guttering, and accessories Limit truss/rafter spacing to 600mm Use buckets to retain off cuts and tools on working deck. Use safety harness -use task specific trained ' <i>workers</i> ' Don't work on roof in wet or windy conditions Monitor for airborne dust/ fibres from insulation Use of PPE		
Use of pneumatic operated tools and equipment - Compressed air - Exposure to noise - Exposure to dust - Hazardous chemicals Biological - Plant / equipment	Impact injury from projectiles 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 ' <i>workers</i> ' Provide and maintain appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area by <i>others</i> 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.	Contractor / all ' <i>workers</i> '	

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		Likely	Possible	Unlikely	Major	Severe	Minor				
									Use task specific trained 'workers'.		
<p>Work at height - cut and fix metal roofing sheets, barge / fascia, hip and ridge capping -</p> <p>Slips, trips, falls and accessibility -</p> <p>Inadequate fall prevention system /work platform -</p> <p>Windy and or wet conditions -</p> <p>Pitch of roof -</p> <p>Gravity - overbalancing -</p> <p>Manual tasks</p> <p>Reflective surface of sarking and roofing sheets - glare</p>	<p>Slips, trips and falls from edge of roof, through framing, from work platform.</p> <p>Fractures, bruises lacerations and personal injuries</p> <p>Sharp edges - cuts and abrasions</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 area</p> <p>Provide and maintain appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area by others</p> <p>Provide perimeter guardrail / catch scaffold to roof surface.</p> <p>Provide barricades to restrict access to work areas.</p> <p>Use task specific trained experienced 'workers' in working at heights - additional 'workers' to handle long lengths of roofing sheets, barge / fascia, hip and ridge capping and accessories</p> <p>Limit truss / rafter spacing to 600mm</p> <p>Use safety harness - use task specific trained 'workers'.</p> <p>Don't work on roof in wet or windy conditions</p> <p>Use of appropriate PPE</p>	Contractor / all 'workers'	
<p>Use of flexible sealants -</p> <p>Hazardous chemicals -</p> <p>Biological</p>	<p>Inhalation of fumes - respiratory problems.</p> <p>Eye and skin irritations/ allergies</p>	✓			✓		3	✓	<p>Identify the risks / hazards and plan the task in consultation with the 'workers'</p> <p>Avoid contact with skin and eyes.</p> <p>Monitor air quality for chemical vapours</p> <p>Use task specific trained 'workers'.</p> <p>Use appropriate PPE. Provide SDS.</p>	Contractor / all 'workers'	
Work from extension / step	Fall from ladder.		✓		✓			3	Identify the risks and plan the tasks in consultation with the	Contractor / all 'workers'	

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ladder - Slips, trips, falls and accessibility - Windy and or wet conditions Gravity - overbalancing									<i>'workers'</i> Use scaffold as working platform. Use task specific trained and experienced <i>'workers'</i> . 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. Provide and maintain appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area by <i>others</i> Limit the use of ladders		
Unsecured metal roofing products - Slips, trips, falls and accessibility - Inadequate fall prevention system - Windy or wet conditions - Overbalancing - Manual tasks	Slips, trips and falls from edge of roof, through framing, from work platform Fractures, bruises lacerations and personal injuries Struck by falling objects / debris.		✓			✓		2	Where practicable consider cutting roofing sheets on the ground Secure roof sheeting and accessories Off cuts to be weighed down or immediately removed from roof surface	Contractor / all <i>'workers'</i>	
Cutting / fixing metal roof products using electrical powered /battery operated tools - Electricity - RCD not installed on mains supply or portable generator	Electric shock or electrocution		✓		✓			1	Identify the risks and plan the task in consultation with the <i>'workers'</i> Protect power lead from damage - power saw blade / sharp edges on roofing products Use stands and hooks for leads in trafficable areas RCD installed on mains supply / portable generator Training <i>'workers'</i> in the safe use of electrical powered tools	Contractor / all <i>'workers'</i>	
Site clean up including roof surfaces on completion of work Manual tasks	Inhalation of dust - respiratory problems. Eye and skin irritations / allergies Personal injuries		✓			✓		3	Identify the risks and plan the tasks in consultation with the <i>'workers'</i> Provide perimeter guardrail to the roof surface Use task specific trained	Contractor / all <i>'workers'</i>	

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Exposure to dust - Hazardous chemicals Biological -	- cuts and abrasions.								<p>'workers' in the safe operation of plant and equipment used to clean down the roof surfaces</p> <p>Use appropriate PPE including footwear</p> <p>Place all associated roofing waste and debris in the designated waste area / skip bin</p> <p>Leave site / work area in a clean and tidy condition</p> <p>Remove any temporary barricades if no longer required from around work area</p>		

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. Ltd

ABN: 54 000 605 407

Builder's Licence No. 5519

Signed by:

(Contractor PCBU)

ABN:

Address:

Phone:

Email: