

SITE SPECIFIC Risk Assessment

Date:		New	✓	Revised		Page	
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TRADE: CONCRETOR / FORMWORKER

Job No:	7653/15	Client:	RYLAND
Address:	30 Marsden Crescent, Bligh Park NSW 2756	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 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 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	Assess travel path and distance to work area Use mechanical assistance where practicable - provide training in the use of the equipment / wheel barrow Identify the risks and plan the	Contractor / all 'workers'	

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									<p>tasks in consultation with the 'workers'</p> <p>Ensure one [1] person is appointed to plan and take charge of the task</p> <p>Use task specific trained 'workers' and team lifting as required; rotate 'workers' and vary tasks.</p> <p>Ensure enough space is available for 'workers' to safely manoeuvre.</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 placement of the reinforcing steel and concrete</p> <p>On sloping sites, ensure safe footing is provided.</p>		
Exposure to dust / chemical vapours - Hazardous chemicals - Biological	<p>Dust inhalation - respiratory problems</p> <p>Skin and eye allergies / irritation.</p>		✓			✓		2	<p>Use appropriate PPE - disposable dust / chemical vapour protection.</p> <p>Regularly monitor for airborne dust/ fibres</p>	Contractor / all 'workers'	
Exposure to noise Plant / equipment	Hearing damage		✓			✓		2	<p>Isolate plant and equipment.</p> <p>Use appropriate PPE</p>	All 'workers'	
<p>Exposure to UV light / weather -</p> <p>UV light - glare</p> <p>Extreme temperatures</p>	<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'	
<p>Location of services -</p> <p>Electricity - power source not identified or isolated - water pipe electrified</p>	<p>Electric shock or electrocution</p> <p>Gas explosion</p> <p>Inhalation and exposure to hazardous chemicals.</p>		✓		✓			3	<p>Thorough site inspection to locate services - consultation with Owners.</p> <p>Isolate electrical supply</p> <p>RCD installed on mains supply / portable generator</p>	Site Supervisor / all 'workers'	

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Gas supply - Hazardous chemical Biological									Isolate gas supply. Use trained and experienced 'workers'.		
Carry materials, equipment and tools to ground floor work areas - Slips, trips, falls and accessibility - Access ways not clearly defined - Site conditions - Manual tasks	Muscle strain - back injuries and cuts Over exertion or repetitive movements Slips, trips, falls and accessibility		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers' Assess travel path and distance to work area Ensure unobstructed access work areas. Use task specific trained 'workers' Rotate 'workers' and vary tasks	Contractor / all 'workers'	
Cutting concrete/ brickwork with petrol driven saw- Exposure to noise - Exposure to dust - Hazardous chemicals - Biological - Tools and equipment Struck by flying objects	Hearing loss - Inhalation of exhaust fumes/ dust - respiratory problems - Sight damage		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers' Guards to equipment fully operational Monitor the air quality for exhaust fumes / dust Regularly monitor the condition of the 'workers' within the work area Adequate ventilation and lighting. Use appropriate PPE..	Contractor / all 'workers'	
Hand excavation for footings /slab- Muscle strain - back injuries and cuts Over exertion or repetitive movements Slips, trips, falls and accessibility - Access ways not clearly defined - Site and weather conditions - wet	Muscle strain - back injuries and cuts Over exertion or repetitive movements Slips, trips, falls and accessibility		✓			✓		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' Rotate 'workers' and vary tasks. Monitor stability of the excavation	Contractor / all 'workers'	

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site / rain - Manual tasks											
Mechanical excavation for footings / slab - Plant Operator on site e.g. Backhoe / Bobcat. Plant / Equipment - Site and weather conditions - wet site / rain	Struck by moving vehicle or objects		✓			✓		2	Identify the risks and plan the task in consultation with the 'workers' Use task specific trained and experienced operator Provide barricades and warning signage to restrict access to work area. Monitor side of excavations for stability Use appropriate PPE.	Contractor / all 'workers'	
Exposure to noise - Plant Operator	Hearing damage		✓			✓		2	Isolate plant and equipment Use appropriate PPE	Contractor / all 'workers'	
Using bucket / wheel barrow to remove spoil - Slips, trips, falls and accessibility - Manual tasks	Slips, trips and falls. Back injury - muscle strain / sprain - 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. Use task specific trained 'workers' and rotate 'workers' tasks. Limit the weight of each bucket load to easily manageable size. SWMS	Contractor / all 'workers'	
Use of ramp to load truck using wheelbarrow - Slips, trips, falls and accessibility - Slope of ramp Site and weather conditions - wet site / rain - Manual tasks	Slips, trips and falls Back injuries - strains and sprains		✓			✓		2	Identify the risks and plan the tasks in consultation with the 'workers' Assess travel path and distance to work area Ensure unobstructed access between work areas and truck loading area. Ramp surface clean and dry Use task specific trained 'workers' SWMS	Site Supervisor Contractor / all 'workers'	

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Use of electrical powered / battery operated tools - Electricity - Exposure to noise - Exposure to dust - Hazardous chemicals - Biological - Equipment	Electrical 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' 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 Adequate ventilation and lighting Use task specific trained 'workers'. Use of appropriate PPE.	Contractor/ all 'workers'	
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 'workers' Appropriate warning signage and barricades to restrict access into 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'.	Contractor / all 'workers'	
Cutting chemically treated timber, pine and form-ply sheets - Exposure to noise - Exposure to dust - Hazardous	Hearing loss Inhalation of dust - respiratory problems Sight damage		✓			✓		2	Identify the risks and plan the task in consultation with the 'workers' Guards to plant and equipment fully operational.	Contractor / all 'workers'	

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chemicals - Biological - Equipment									Train 'workers' in the safe handling and cutting of hazardous materials. Regularly monitor for airborne dust/ fibres Use of appropriate PPE		
Use of release agent - form oil Hazardous chemicals - Biological	Fume inhalation - respiratory problems Skin and eye irritations		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers' Use task specific trained and experienced 'workers'. Use of appropriate PPE Make SDS available	Contractor / all 'workers'	
Placing and fixing of reinforcement - Slips, trips, falls and accessibility - Access ways not clearly defined - Manual tasks	Muscle strain - back injuries Over exertion or repetitive movements Cuts and abrasions		✓			✓		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' and team lifting. Rotate 'workers' and vary tasks. Maintain clear access to and a clear working area. Use appropriate PPE SWMS	Contractor / all 'workers'	
Place concrete - - pump - wheelbarrow - shovelling - screeding - finishing Slips, trips, falls and accessibility - Access ways not clearly defined - Site conditions - Manual tasks - Hazardous chemicals -	Slips, trips and falls on uneven / wet work areas Back injuries – muscle strains and sprains Skin and eye irritations		✓			✓		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' - rotate 'workers' and vary tasks. Maintain clear access to and a clear working area. Use appropriate PPE	Contractor / all 'workers'	

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Biological									SWMS		
Use of mechanical trowelling machine - Slips, trips, falls and accessibility Manual tasks Hazardous chemicals Equipment noise	Slips, trips and falls Back injuries - muscle strains and sprains. Inhalation of exhaust fumes - respiratory problems Hearing damage		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers' Assess travel path and distance to work area Ensure unobstructed access work area Use task specific trained and experienced operator. Use appropriate PPE Adequate ventilation.	Contractor / all 'workers'	
Sealing concrete using curing compound - Hazardous chemicals - Biological	Inhalation of fumes - respiratory problems Skin irritations / eye damage		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers' Use task specific trained and experienced 'workers'. Use appropriate PPE Make SDS available	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 building waste 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:



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: