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**TRADE: METAL HANDRAIL INSTALLER**

<b>Job No:</b>	<b>7575/14</b>	<b>Client:</b>	<b>LAMESA</b>
<b>Address:</b>	<b>7 Annette Street, Oatley NSW 2223</b>	<b>Supervisor:</b>	<b>JONATHAN STEWART</b>

<b>Key:</b>	"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 and /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 trades	
Stored materials -  Slips, trips, falls and accessibility -  Access ways not clearly defined	Slips, trips and falls		✓			✓		2	Isolate material Provide barricade	Site Supervisor / all trades	
Exposure to noise	Hearing damage		✓			✓		2	Use appropriate P.P.E Isolate plant and equipment	Contractor / all 'workers'	
Manual handling handrail components to work area -  Slips, trips, falls and accessibility -  Access ways not clearly defined -	Slips, trips and falls  Muscle strain -back injuries and cuts  Over exertion or repetitive movements		✓			✓		2	Identify the risks and plan the task in consultation with the 'workers'  Assess travel path and distance to work area	Contractor / all 'workers'	

Job Step / Hazard	Potential Harm	Likelihood			Result			Priority	Possible Controls	Responsible Person/s	Date
		Likely	Possible	Unlikely	Major	Severe	Minor				
Manual tasks									<p>Ensure unobstructed access to the work area</p> <p>Use trained '<i>workers</i>' and team lifting.</p> <p>Face direction of travel</p> <p>Rotate '<i>workers</i>' and vary tasks.</p> <p>Use mechanical assistance, When necessary get additional assistance for loads which are heavy or are awkward dimensions.</p>		
<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 '<i>workers</i>' condition</p> <p>Adequate fluid intake</p> <p>Use appropriate sun screen.</p> <p>Wear appropriate PPE.</p>	Contractor / all ' <i>workers</i> '	
<p>Contact with o/head electrical services / point of attachment -</p> <p>Power lines not isolated, covered or enclosed -</p> <p>Working too close to electrical supply -</p> <p>Strong winds causing power lines to swing close to work area -</p> <p>Wet conditions making 'tiger tails' ineffective</p>	Electric shock or electrocution		✓			✓		3	<p>Identify that the electrical service is isolated prior to work commencing.</p> <p>Provide 'tiger tails' [insulation] - adequately boxed adjacent to scaffold - extended an appropriate distance past the boundary</p>	<p>Licensed Electrical Contractor or Approved person</p> <p>Site Supervisor</p> <p>Contractor / all '<i>workers</i>'</p>	
<p>Location of services -</p> <p>Electricity - insulation to old wiring frayed or brittle [conduit] or easily damaged - water pipe electrified</p> <p>Gas service -</p> <p>Hazardous chemical</p>	<p>Electric shock or electrocution</p> <p>Gas service - explosion</p> <p>Inhalation and exposure to hazardous chemicals</p>		✓		✓			3	<p>Isolate electrical supply / wiring.</p> <p>RCD installed on mains supply / portable generator</p> <p>Isolate gas supply.</p>	Site Supervisor / all ' <i>workers</i> '	

Job Step / Hazard	Potential Harm	Likelihood			Result			Priority	Possible Controls	Responsible Person/s	Date
		Likely	Possible	Unlikely	Major	Severe	Minor				
Biological											
<p>Working at height - balcony / deck applications -</p> <p>Slips, trips, falls and accessibility -</p> <p>Inadequate fall prevention system - Windy conditions - Gravity - overbalancing</p>	<p>Slips, trips and falls from edge of work area.</p> <p>Fractures, bruises lacerations and personal injuries</p>		✓			✓		3	<p>Identify the risks and plan the task 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>Perimeter and edge protection to balcony is in place.</p> <p>Train 'workers' in safe working at heights.</p> <p>Use appropriate PPE</p>	<p>Site Supervisor</p> <p>Contractor / all 'workers'</p>	
<p>Carry materials, handrail components and tools to work area -</p> <p>Slips, trips, falls and accessibility -</p> <p>Manual tasks</p>	<p>Slips, trips and falls</p> <p>Back injuries - muscle strain / sprain - cuts</p>		✓			✓		2	<p>Identify the risks and plan the task 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>Use trained 'workers', team lifting and rotate 'workers'.</p> <p>Limit the size of each section of handrail to easily manageable size.</p>	Contractor / all 'workers'	
<p>Work from step / extension ladder-</p> <p>Slips, trips, falls and accessibility -</p> <p>Inadequate fall prevention system / work platform -</p> <p>Gravity - overbalancing</p>	Fall from ladder		✓		✓			2	<p>Identify the risks and plan the task 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>Use scaffold as a</p>	Contractor / all 'workers'	

Job Step / Hazard	Potential Harm	Likelihood			Result			Priority	Possible Controls	Responsible Person/s	Date
		Likely	Possible	Unlikely	Major	Severe	Minor				
									working platform. Ensure ladders are at 4:1 slope. Secure ladder at base and top. Ensure 'workers' face the ladder when climbing up and down ladder. Provide and maintain barricades to restrict access to work area. Limit the use of ladders		
Use of electrical powered / battery operated tools -  Electricity - Exposure to noise - Exposure to dust - Hazardous chemicals - Biological - Plant / equipment	Electric 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'  Protect power lead from damage - power saw blade / sharp edges / vehicular traffic  Use stands and hooks for leads in trafficable areas  Guards to power tools fully operational.  Monitor for airborne dust/ fibres  Adequate ventilation and lighting  Use of appropriate PPE.  Use trained 'workers'.	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 associated installation waste and rubbish in the designated waste area  Leave site / work area in a clean and tidy condition	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:



Signed by:

(Contractor PCBU)

ABN:

Address:

Phone:

Fax:

Email:

for and on behalf of:

Cape Cod Australia Pty. Limited

ABN: 54 000 605 407

Builder's Licence No.: 5519