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| **Date:** |  | **New** | **** | **Revised** |  | **Page** |  |

**TRADE:** **METAL HANDRAIL INSTALLER**

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| **Client:** | **Tamas** | **Job No:** | **7845/17** |
| **Address:** | **1 Mocatta Avenue, Pymble** | **Supervisor:** |  |

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| **Key:** | “1” action now | “2” action ASAP | “3” action ASAP |

**Note 1:** Refer to the general Safety Plan and your Safe Work Method Statement prepared in accordance with WHS Regulation 2017 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 2017 Chapter 3 - Part 3.2

**Note 3:** All *manual tasks* are to comply with the requirements of WHS Regulation 2017 - 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 2017 - 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  All “*workers*” to register attendance via Cape Cod QR scanner before entering the site; to read the General Construction Safety Plan signage; and to read the Site Specific Risk Assessment.  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 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 -  Manual tasks | 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  Ensure unobstructed access to the work area  Use task specific trained *‘workers’* and team lifting.  Face direction of travel  Rotate *‘workers’* and vary tasks.  Use mechanical assistance,  When necessary get additional assistance for loads which are heavy or are awkward dimensions. | 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 | Reduce exposure where possible.  Monitor *‘workers’* condition  Adequate fluid intake  Use appropriate sun screen.  Wear appropriate PPE. | Contractor / all ‘*workers’* |  |
| Working at height -balcony / deck applications -  Slips, trips, falls and accessibility -  Inadequate fall prevention system -  Windy conditions -  Gravity - overbalancing | Slips, trips and falls from edge of work area.  Fractures, bruises lacerations and personal injuries |  |  |  |  |  |  | 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.  Perimeter and edge protection to balcony is in place.  Use task specific trained ‘*workers’* in safe working at heights.  Provide and maintain appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area by *others*  Use appropriate PPE | Site Supervisor  Contractor / all ‘*workers’* |  |
| Working at height - from roof surface  Slips, trips, falls and accessibility -  Inadequate fall prevention system /working platform  Slips, trips, falls and accessibility -  Pitch of roof and roofing material  Windy and or wet conditions -  Gravity - overbalancing  Manual tasks | Slips, trips and falls from work platform / roof surface -  Fractures, bruises lacerations and personal injuries  Muscle sprains / strains |  |  |  |  |  |  | 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.  Perimeter and edge protection when working from roof surface.  Use task specific trained ‘*workers’ i*n safe working at heights.  Use appropriate PPE [footwear] | Site Supervisor /  Contractor / all ‘*workers’* |  |
| Carry materials, handrail components and tools up ramp / scaffold or over roof surface  Slips, trips, falls and accessibility -  Slope of ramp -  Pitch of roof and roofing material -  Windy and or wet conditions -  Gravity - overbalancing  Manual tasks | Slips, trips and falls from ramp / scaffold  Back injuries - 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.  Guardrails to ramp are in place - ramp surface clean and dry.  Guardrails and toe boards to scaffold and access ramp are in place and work platform complete, clean and dry.  Use task specific ‘*workers’*, team lifting and rotate *‘workers’*.  Limit the size of each section of handrail to easily manageable size. | Contractor / all ‘*workers’* |  |
| Carry handrail materials / components and tools upstairs -  Slips, trips, falls and accessibility -  Manual tasks | Slips, trips and falls on stairs  Back injury - muscle strain / sprain |  |  |  |  |  |  | 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 ‘*workers’*, team lifting and rotate *‘workers’*.  SWMS | Contractor / all ‘*workers’* |  |
| Work from step / extension ladder-  Slips, trips, falls and accessibility -  Inadequate fall prevention system / work platform -  Gravity - overbalancing | Fall from ladder |  |  |  |  |  |  | 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 scaffold as a 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 appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area by *others*  Limit the use of ladders | Contractor / all ‘*workers’* |  |
| 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 task specific ‘*workers’*. | 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 installation 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.

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| 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: |  |  |  |  |
| Email: |  |  |  |  |