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

| | | | |
|----------|---------------------------------------|-------------|------------------|
| Job No: | 7591/14 | Client: | HENMAN |
| Address: | 24 Gammell Street, Rydalmere NSW 2116 | Supervisor: | JONATHAN STEWART |

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|------|----------------|-----------------|-----------------|
| Key: | "1" action now | "2" action ASAP | "3" action ASAP |
|------|----------------|-----------------|-----------------|

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. Use appropriate PPE | Contractor / all 'workers' | |
| Exposure to noise - Plant / equipment | Hearing damage | | ✓ | | | ✓ | | 2 | Isolate plant and equipment. | All 'workers' | |

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| | | | | | | | | | Use appropriate PPE | | |
| 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 to 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' | |
| Gaining 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 accessibility – | Falls through roof frame and from the roof edge Fractures, bruises lacerations and | | ✓ | | | ✓ | | 3 | Assess travel path and distance to work area Ensure unobstructed access work areas. | Contractor / all 'workers' | |

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| Inadequate fall prevention system / work platform - Pitch of roof - condition of tiles - Windy and or wet conditions Gravity - overbalancing Manual tasks | personal injuries Muscle strain - back injuries and cuts | | | | | | | | Appropriate removal procedures to contain dust Provide perimeter guardrail / catch scaffold to roof surface. Use trained 'workers' 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 | | |
| Walking 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 'workers' | |
| 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 Manual tasks | 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 'workers'. Limit truss/rafter spacing to 600mm SWMS | Site Supervisor Contractor / all 'workers' | |

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| Cutting 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' | |
| Carry rolls of foil sarking 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 | 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 barricades to restrict access to around / under work areas. Team lifting and carrying. Rotate 'workers' and vary tasks. Limit weights to manageable sizes. Use appropriate PPE - disposable dust protection. SWMS | Contractor / all 'workers' | |
| Carry rolls of sarking over roof frame and cut and fix - Slips, trips, falls and accessibility - Inadequate fall prevention system / work platform - | 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' | |

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| Pitch of roof Windy and or wet conditions Gravity - overbalancing Manual tasks | | | | | | | | | | | |
| 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 - positioning of the 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' | |
| Laying 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 hips - - dispose of tile off cuts from roof | Slips, trips and falls from edge of roof. Muscle strain - back injuries and cuts | | ✓ | | | ✓ | | 2 | Ensure unobstructed access to work areas. Provide perimeter guardrail to the roof | Contractor / all 'workers' | |

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| surface - Slips, trips, falls and accessibility - Inadequate fall prevention system / work platform - Pitch of roof - Windy and or wet conditions - Gravity - overbalancing Manual tasks | Over exertion or repetitive movements Struck by falling objects. | | | | | | | | surface Use designated drop areas to restrict traffic across the roof surface Provide barricades to restrict access to work areas. Use appropriate PPE. | | |
| 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' | |
| Bedding and pointing with flexible pointing - Hazardous chemicals - Biological - | Eye and skin irritations / allergies | | ✓ | | | ✓ | | 3 | Provide training on safe use of pointing product. 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 associated building 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