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

**TRADE:** **PLUMBER / DRAINER / GASFITTER**

|  |  |  |  |
| --- | --- | --- | --- |
| **Client:** | **BIRO** | **Job No:** | **7840/17** |
| **Address:** | **3 Nabiac Place, Westleigh** | **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 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 ‘*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 | Identify the risks and plan the task in consultation with the *‘workers’*  Use task specific trained *‘workers’* and team lifting.  Rotate *‘workers’* and vary tasks. | Contractor / all ‘*workers’* |  |
| Exposure to dust/ chemical vapours-  Hazardous chemical -  Biological - | Dust inhalation / skin and eye allergies/ irritations - respiratory problems. |  |  |  |  |  |  | 3 | Use appropriate PPE - disposable dust / chemical vapour protection.  Appropriate procedures to contain dust / chemical vapours | Contractor / all ‘*workers’* |  |
| Exposure to lead based paints -  Hazardous chemicals - Biological | Dust inhalation - respiratory problems  Skin and eye allergies/ irritations. |  |  |  |  |  |  | 2 | Identify the risks and plan the tasks in consultation with the *‘workers’*  Apply appropriate procedures necessary to contain dust / flaking paint surfaces.  Use appropriate PPE -disposable contact / dust protection.  Regularly monitor for airborne dust | Contractor / all ‘*workers’* |  |
| Exposure to noise  Plant / equipment. | Hearing damage |  |  |  |  |  |  | 2 | Isolate plant and equipment.  Use appropriate PPE | 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’* |  |
| 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 the 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 is isolated prior to work commencing.  RCD installed on mains supply / portable generator  Isolate gas service. | Licensed Electrical Contractor or Approved person  Site Supervisor  Contractor / all ‘*workers’* |  |
| Access to and work in confined  space - under floor  Hazardous  chemicals -  Biological -  Ergonomic | Dust and chemical exposure - respiratory problems  Skin and eye irritations / allergies  ‘W*orker’* trapped in confined space  Dehydration |  |  |  |  |  |  | 3 | Identify the risks / hazards and plan the task in consultation with the *‘workers’*  Use task specific trained, experienced ‘*workers* androtate ‘*workers’*.  Train ‘*workers’* in safe working in confined spaces.  Use of appropriate PPE  Monitor the air quality for chemical vapours  Regularly monitor the condition of the *‘workers’* within the work area  Adequate fluid intake.  Adequate ventilation and lighting - where required provide for two [2] fan air circulation system. | Contractor / all ‘*workers’* |  |
| Removal of temporary floor to wet areas -  Slips, trips, falls and accessibility -  Access ways not clearly defined -  Manual task | Slips trips and falls  Muscle strain -back injuries and cuts |  |  |  |  |  |  | 2 | Use of small sheet (off cuts).  Use task specific trained ‘*workers’* and team lifting. | Contractor / all ‘*workers’* |  |
| General working at height - [over 2.0m]  Slips, trips, falls and accessibility -  Inadequate fall prevention system / work platform -  Old brittle roofing material /skylights  Increased traffic on roof surface - walking in the middle of battens -  Gravity -overbalancing  Windy and or wet conditions | Fall from roof edge/ work platform/ through roof or roof framing  Fractures, bruises lacerations and personal injuries |  |  |  |  |  |  | 1 | Identify the risks and plan the tasks in consultation with the *‘workers’*  Assess travel path to work area  Ensure unobstructed access to work areas  Provide guardrails, perimeter edge protection / catch scaffold.  Scaffold / work platform to outer perimeter.  Use task specific trained / experienced *‘workers’* in safe working at heights - ensure *‘workers’* know their responsibility during the work process  SWMS | Site Supervisor  Contractor / all ‘*workers’* |  |
| Carry materials, toilet pans / bath and tools up ramp/ scaffold -  Slips, trips, falls and accessibility -  Inadequate fall prevention system / work platform -  Slope of ramp -  Windy and or wet conditions -  Manual tasks | Slips, trips and falls from work platform.  Muscle strain -back injuries and cuts |  |  |  |  |  |  | 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.  Guardrails to ramp are in place. Ramp surface clean and dry.  Guardrails and toe boards to scaffold are in place and work platform complete, clean and dry.  Use task specific trained *‘workers’* and team lifting. | Contractor / all ‘*workers’* |  |
| Building in toilet pan and bath -  Manual tasks | Muscle strain -back injuries and cuts |  |  |  |  |  |  | 2 | Identify the risks and plan the task in consultation with the relevant *‘workers’*  Use task specific trained and experienced *‘workers’* and team lifting | Carpenter / Plumber |  |
| Installing solar water heater to roof surface -  Slips, trips, falls and accessibility -  Inadequate fall prevention system / work platform -  Windy and or wet conditions -  Pitch of roof and roofing material -  Gravity -overbalancing | Fall from roof edge/ work platform / through roof or roof framing  Fractures, bruises lacerations and personal injuries  Muscle strain -back injuries and cuts |  |  |  |  |  |  | 1 | Identify the risks and plan the task in consultation with the *‘workers’*  Assess travel path and distance to work area  Ensure unobstructed access work area.  Provide perimeter guardrail / catch scaffold to perimeter of the roof surface.  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 / experienced trained *‘workers’* and team lifting  Use safety harness / FAS - use task specific trained ‘*workers’*  Use appropriate PPE. | Site Supervisor  Contractor / all ‘*workers’* |  |
| Gluing PVC pipes in confined spaces  Hazardous chemical Biological | Headaches  Inhalation and exposure to hazardous chemicals; respiratory and  sight damage |  |  |  |  |  |  | 2 | Identify the risks and plan the task in consultation with the relevant *‘workers’*  Use task specific trained and experienced *‘workers’.*  Regularly monitor *‘workers’* condition and air quality for chemical vapours  Adequate ventilation and lighting  Use appropriate PPE.  Provide SDS. | Site Supervisor  Contractor / all ‘*workers’* |  |
| Use of electrical powered / battery operated tools and equipment -  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 power lead 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’* |  |
| Chasing pipes in cement render, brickwork or timber using electrical power tools -  Electricity -  Exposure to noise -  Exposure to dust -  Hazardous chemicals -  Biological | Electric shock or electrocution  Hearing damage.  Dust inhalation / skin and eye allergies / irritations - respiratory problems. |  |  |  |  |  |  | 2 | Identify the risks and plan the task in consultation with the relevant *‘workers’*  RCD installed on mains supply / portable generator  Appropriate procedures to contain dust  Monitor air quality for airborne dust/ fibres  Use task specific trained and experienced *‘workers’* -rotate *‘workers’* and vary tasks.  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  Use of maintained / sharp tools | Site Supervisor  Contractor / all ‘*workers’* |  |
| Cutting concrete, cement render or 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’*  Provide and maintain appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area by *others*  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 sewer and storm water -  Manual tasks -  Stability of the excavation material | Muscle strain -back injuries and cuts  Collapse of excavation sides |  |  |  |  |  |  | 2 | Identify the risks / hazards and plan the task in consultation with the *‘workers’*  Use task specific trained and experienced *‘workers’* -rotate *‘workers’* and vary tasks.  Regularly monitor the stability of the excavation works  Provide and maintain barricades to isolate and to restrict unauthorized / inadvertent access / entry to excavation by *others*  Use appropriate PPE.  SWMS | Site Supervisor  Contractor / all ‘*workers’* |  |
| Hand excavation and sewer connection at manholes -  Confined space -Hazardous chemicals - Biological | Respiratory problems.  Skin and eye allergies / irritations. |  |  |  |  |  |  | 3 | Identify the risks / hazards and plan the task in consultation with the *‘workers’*  Use task specific trained and experienced *‘workers’* -rotate *‘workers’* and vary tasks.  Monitor air quality.  Regularly monitor the stability of the excavation works  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’* |  |
| 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 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: |  |  |  |  |