|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** |  | **New** | **🗸** | **Revised** |  | **Page** |  |

**TRADE:** **CONCRETOR / FORMWORKER**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **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 ‘*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 appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area by *others*  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 tasks in consultation with the *‘workers’*  Ensure one [1] person is appointed to plan and take charge of the task  Use task specific trained *‘workers’* and team lifting as required; rotate *‘workers’* and vary tasks.  Ensure enough space is available for *‘workers’* to safely manoeuvre.    Provide additional team *‘workers’* to assist that are proportional to the weight and difficulty of the task  Ensure load is shared evenly    Ensure team *‘workers’* know their responsibility during the placement of the reinforcing steel and concrete  On sloping sites, ensure safe footing is provided. | Contractor / all ‘*workers’* |  |
| Exposure to dust / chemical vapours -  Hazardous chemicals -  Biological | Dust inhalation -respiratory problems  Skin and eye allergies / irritation. |  |  |  |  |  |  | 2 | Use appropriate PPE -disposable dust / chemical vapour protection.  Regularly monitor for airborne dust/ fibres | 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’* |  |
| Location of services -  Electricity - power source not identified or isolated - water pipe electrified  Gas supply -  Hazardous chemical Biological | Electric shock or electrocution  Gas explosion  Inhalation and exposure to hazardous chemicals. |  |  |  |  |  |  | 3 | Thorough site inspection to locate services - consultation with Owners.  Isolate electrical supply  RCD installed on mains supply / portable generator  Isolate gas supply.  Use trained and experienced *‘workers’.* | Site Supervisor /  all *‘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’*  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 - where required provide for two [2] fan air circulation system.  Use appropriate PPE. | Contractor / all ‘*workers’* |  |
| Hand excavation to provide for underfloor clearance -  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 site / rain -  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 *‘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’* |  |
| 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 site / rain -  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 *‘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  Provide and maintain appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area by *others* | Contractor / all ‘*workers’* |  |
| Mechanical excavation for footings / slab / underfloor clearance -  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 and maintain appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area *by others*  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’* |  |
| 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’*  Provide and maintain appropriate warning signage and barricades to isolate and to restrict unauthorised / inadvertent access / entry into the work area *by others*  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 chemicals -  Biological -  Equipment | 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.  Train *‘workers’* in the safe handling and cutting of hazardous materials.  Regularly monitor for airborne dust/ fibres  Use of appropriate PPE | Contractor / all ‘*workers’* |  |
| 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’* andteam 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 - Biological | 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  SWMS | Contractor / all ‘*workers’* |  |
| 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: |  |  |  |  |
| Email: |  |  |  |  |