

| Business Contact: PHILIP KENNY  Phone #: 0427 8  Responsible person (for monitoring SWMS and work): PHILIP KENNY  Signature:  Date  Contact Phone #:0427 847 927 | <b>)</b> :  | Principal Contractor (PC):  PC Address:  PC Phone #:  Job Site Address: | Date SWMS provided to PC:   |  |  |  |  |  |  |
|--|---|---|---|--|--|--|--|--|--|
| Signature: Date  |   | PC Phone #:   | Date SWMS provided to PC:   |  |  |  |  |  |  |
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| Contact Phone #:0427 847 927   |   | Ioh Site Address:   |   |  |  |  |  |  |  |
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| THIS WORK ACTIVITY INVOLVES THE FO   | LLOWING HAZAR   | RDOUS WORK AND ENVIRONM   | ENTAL IMPACTS   |  |  |  |  |  |  |
| ☐ Electrical equipment ☐ Elevated levels ☐   | Slips, trips and fal  | lls   | nces  |  |  |  |  |  |  |
| ☐ Hot Work ☐ Hazardous manual tasks ☐  | Outdoor work  | ☐ Remotely &/or isola   | ated work   |  |  |  |  |  |  |
| ☐ Noise and vibration ☐ Native vegetation & weeds ☐  | Air quality   | ☐ Waste   | ☐ Vehicle movement  |  |  |  |  |  |  |
| □ Fuels, oils & chemicals     □ Terrestrial fauna     □  | Waterways & soils   | s   | □?  |  |  |  |  |  |  |
| THIS WORK ACTIVITY INVOLVES THE FOLLOWING "H   | HIGH-RISK CONST   | TRUCTION WORK" (HRCW - IDEN   | ITIFIED IN THE JOB TASK COLUMN)   |  |  |  |  |  |  |
| ☐ Confined spaces ☐ Mobile plant movement  |   | Demolition of a load-bearing struc                                      | ture  |  |  |  |  |  |  |
| ☐ Using explosives ☐ Diving work   | □ A   | Artificial extremes of temperature                                      | ☐ Tilt-up or pre-cast concrete  |  |  |  |  |  |  |
| ☐ Pressurised gas distribution mains or piping chemical, fuel  | or refrigerant lines  | s energised electrical installations                                    | or services   |  |  |  |  |  |  |
| ☐ Structures or buildings involving structural alterations or re   | pairs that require to   | emporary support to prevent colla                                       | apse  |  |  |  |  |  |  |
| ☐ Involves a risk of a person falling from 2m or more, including   | ng work on telecom  | nmunications towers   |   |  |  |  |  |  |  |
| ☐ Working at depths greater than 1.5 Metres, including tunnels or mi   | nes 🖂 V   | Nork in an area that may have a c                                       | contaminated or flammable atmosphere                                      |  |  |  |  |  |  |
| ☐ Work carried out adjacent to a road, railway or shipping lane, traffic   | ☐ Work carried out adjacent to a road, railway or shipping lane, traffic corridor ☐ In or near water or other liquid that involves the risk of drowning |   |   |  |  |  |  |  |  |
| FOOT HEARING HIGH HEAD EYE PROTECTION PROTECTION PROTECTION P  | FACE HAN PROTECTION PROTECTION  |   | SUN SAFETY Rings, watches, PROTECTION HARNESS jewellery that may          |  |  |  |  |  |  |
| 000000   |   |   | become entangled must not be worn. Long and loose hair must be tied back. |  |  |  |  |  |  |



| Planning/Preparation               | <ul> <li>Liaise with Principal Contractor to identify on-site safety systems and procedures</li> <li>Establish supervisory and communication arrangements</li> <li>Principal contractor to confirm emergency response procedures are in place.</li> </ul>   |
|------------------------------------|---|
| Hold Points                        | Hold points identified and signed off before continuing work. Specify?  |
| Training/Licence                   | <ul> <li>All workers to have a General Construction Induction Card</li> <li>Relevant workers have relevant certificates of competency, licenses, and training for confined space work.</li> <li>Trained First Aider on site</li> <li>All workers trained in site-specific emergency and evacuation procedures, SWMS, safe work procedures, and safety data sheets.</li> </ul>   |
| Worker duties and responsibilities | <ul> <li>Fit condition for work, i.e. no signs of fatigue, alcohol or drugs</li> <li>Attend all site inductions/briefings</li> <li>Comply with all site requirements, e.g. PPE, Traffic Management Plans (TMP)</li> <li>Only carry out work related to the contract</li> <li>Inspect completed work and report possible safety, environmental and quality matters to the Supervisor.</li> </ul>   |
| Monitor/Review                     | <ul> <li>All persons involved in the task must have this SWMS communicated to them before work commences</li> <li>SWMS to be reviewed and amended if necessary, in consultation with relevant persons after any near miss or incident</li> <li>If additional site hazards identified, review this SWMS and amend control measures to suit</li> <li>People, including workers, contractors and sub-contractors, affected by the revisions to this SWMS, must be informed ASAP</li> <li>Give the principal contractor a copy of the revised SWMS</li> <li>The site supervisor to monitor works against the controls stated in this SWMS</li> <li>SWMS must be kept on-site and made available for inspection or review</li> <li>Keep a record of this SWMS until the job is complete or for two years if involved in a notifiable incident</li> <li>Regardless of any other factor, the person in control of the workplace must review this SWMS at least annually.</li> </ul>  |
| Site-Specific Notes:               | <ul> <li>Act, Regulations, Codes of Practice References: <ul> <li>Work Health and Safety (Transitional and Consequential Provisions) Act 2011</li> <li>Work Health and Safety Act 2011</li> <li>Work Health and Safety Regulations 2011</li> <li>Work Health and Safety (First Aid in the Workplace) Code of Practice 2015</li> <li>Work Health and Safety (Work Health and Safety Consulation, Coperation and Co-ordination) Code of Practice 2015</li> <li>Work Health and Safety (Work Health the Work Environment and Facilities) Code of Practice 2015</li> <li>Standards Australia 2001, – Occupational health and safety management systems - Specification with guidance for use, AS/NZS 4801: 2001 (Superseded by AS/NZS ISO 45001)</li> <li>Standards Australia 2018, – Occupational health and safety management systems — Requirements with guidance for use, AS/NZS ISO 45001:2018</li> <li>Standards Australia 2016, – Environmental management systems - Requirements with guidance for use, AS/NZS ISO 14001:2016</li> </ul> </li></ul> |



Elimination

Issue Date: 1st February 2019

**E**FFECTIVE

ABN 24 614 674 001 ABN 51 109 738 427 Authorised by: Director Philip Kenny Version 2. Revision date: 1st February 2020

Standards Australia 2016, – Quality management systems – Requirements, AS/NZS ISO 9001:2016

Engineering

Administrative

- SafeWork NSW
- NSW Work Health and Safety Act 2011
- NSW Work Health and Safety Regulation 2017

| LIKELIHOOD     | Insignificant             | MINOR                     | MODERATE               | Major                     | CATASTROPHIC      | SCORE          | Action                         |
|----------------|---------------------------|---------------------------|------------------------|---------------------------|-------------------|----------------|--------------------------------|
| ALMOST CERTAIN | 3 - <b>Н</b> і <b>G</b> н | <b>3 - Н</b> і <b>G</b> н | 4 - ACUTE              | 4 - Acute                 | 4 - Acute         | SCORE          | ACTION                         |
| LIKELY         | 2 - MODERATE              | 3 <b>- Н</b> ідн          | 3 - Нідн               | 4 - Acute                 | 4 - <b>A</b> CUTE | 4A - ACUTE     | DO NOT PROCEED.                |
| Possible       | 1 - Low                   | 2 - MODERATE              | 3 <b>- Н</b> і <b></b> | 4 - Acute                 | 4 - Acute         | 3Н - Нідн      | Review before commencing work. |
| UNLIKELY       | 1 - Low                   | 1 - Low                   | 2 - MODERATE           | 3 - <b>Н</b> і <b>G</b> н | 4 - Acute         | 2M - MODERATE  | Maintain control measures.     |
| RARE           | 1 - Low                   | 1 - Low                   | 2 - MODERATE           | 3 - <b>Н</b> іGн          | 3 - Нідн 3 - Нідн |                | Record and monitor.            |
| LUEDADOUVOE    | CONTROLS                  | lost                      | limination Substitu    | ution Inclation           | Engineering       | Administrativo | LEAST                          |

Substitution

| JOB TASK   | HAZARDS  | Risk | CONTROL MEASURES  | Responsible Person   |
|--|--|------|---|--|
| 1. HRCW Arrival on-site & assess onsite conditions | Personal injury,<br>property<br>damage &/or<br>environmental<br>incident | 3H   | <ul> <li>The vehicle should be positioned in a safe location, clear of traffic/vehicles/pedestrians during equipment delivery and materials removal (deploy physical barriers, caution signs as necessary)</li> <li>Do not park illegally</li> <li>Identify and obey all safety-related signage (check site entry requirements)</li> <li>Report to Site Supervisor</li> <li>Ensure site-specific induction undertaken</li> <li>Assess mobile phone reception</li> <li>The worksite is exactly as detailed in Terms of Agreement or contract.</li> </ul> | Supervisor to<br>check the site<br>and conduct<br>JSA where<br>necessary<br>& check permit |

**HIERARCHY OF CONTROLS** 

**E**FFECTIVE



Issue Date: 1st February 2019

| JOB TASK                                     | HAZARDS                                 | Risk | CONTROL MEASURES   | RESPONSIBLE PERSON  |
|--|---|------|--|---|
|  | Failure to<br>maintain entry<br>control | 4A   | <ul> <li>Ensure a confined space entry permit is issued for each confined space entry</li> <li>No persons should enter a confined space unless they have been issued with a confined space entry permit</li> <li>The Permit must be completed by a "Competent Person."</li> <li>Permit to be signed by all relevant personnel before entry</li> <li>The permit should be displayed in the work area at all times.</li> </ul>   |   |
| 2. HRCW Conduct a pre- entry risk assessment | Fatality                                | 4A   | <ul> <li>Conduct a pre-entry risk assessment using the CONFINED SPACE IDENTIFICATION &amp; RISK ASSESSMENT CHECKLIST in this SWMS</li> <li>Avoid the need to access the confined space, consider using:         <ul> <li>Remote cameras to undertake inspection</li> <li>Remotely operated rotating flail devices, vibrators, or air purges to clear blockages</li> <li>Hooks, clasps, or magnets to retrieve objects</li> </ul> </li> <li>Risk Assessment Step 1 - Consider if entry to the confined space can be avoided or if other means can be used to complete the work which can eliminate the need to enter the confined space</li> <li>Risk Assessment Step 2 - Identify all hazards that may arise from the activity. Consider: Working in a confined space may impose additional physiological and psychological demands over and above those encountered in a normal working environment. Consideration should be given to a worker's:</li></ul> | Supervisor to check the site and conduct risk assessment                  |
| 3. Environment                               | Environmental impact                    | 3H   | <ul> <li><u>Waste</u> - place all wastes and rubbish in bins or other appropriate containers</li> <li>Separate recycle waste from general waste</li> <li>Do not mix waste with spoil.</li> <li><u>Fuels, oils &amp; chemicals</u> - ensure that a spill response kit is available at all times and clean up spills immediately</li> <li>Follow instructions in SDS for clean-up requirements</li> <li>Dispose of chemicals correctly, empty containers/bags in approved waste containers</li> </ul>  | Supervisor<br>and workers<br>to ensure<br>control<br>measures<br>followed |



| JOB TASK  | HAZARDS                           | Risk | CONTROL MEASURES  | RESPONSIBLE PERSON  |
|---|-----------------------------------|------|---|---|
|   |                                   |      | <ul> <li>Triple rinse all empty/unwanted containers and make containers unusable before disposal.</li> <li>Waterways &amp; soils - do not wash out tools or containers where residue can enter waterways or drains.</li> <li>Native vegetation &amp; weeds - ensure that plant is washed free of dirt, vegetation, debris before travelling between sites.</li> <li>Vehicle movement - follow the TMP, only travel on established tracks and roads</li> <li>Use designated entry and exit points.</li> <li>Terrestrial fauna - No domestic animals on-site</li> <li>Ensure all food scraps placed in lidded bins.</li> </ul>  |   |
| 4. Confined Space Entry Permit                  | Failure to maintain entry control | 4A   | <ul> <li>Ensure a confined space entry permit is issued for each confined space entry</li> <li>No persons should enter a confined space unless they have been issued with a confined space entry permit</li> <li>The Permit must be completed by a "Competent Person"</li> <li>Permit to include: <ul> <li>Name of persons permitted to enter</li> <li>Risk controls in place</li> </ul> </li> <li>Permit to be signed by all relevant personnel before entry</li> <li>Permit should be displayed in work area at all times. Ensure: <ul> <li>Permit is signed, dated and correct for the task</li> <li>Suitable stand-by person on site and entry recorded</li> <li>Suitable communication procedures available</li> <li>All PPE and RPE is available and in working order</li> <li>All persons understand their role and responsibilities.</li> </ul> </li> </ul> | Supervisor to check permit  |
| 5. Housekeeping<br>& entry/exiting<br>the space | Slips, trips & falls              | 3H   | <ul> <li>Maintain housekeeping throughout the shift &amp; clean-up</li> <li>If entry to space is via a ladder,</li> <li>The ladder is to be secured by the stiles not the rungs</li> <li>3 points of contact at all times</li> <li>No work to be performed from a ladder</li> <li>Only 1 person on the ladder at any one time</li> <li>Check footwear to ensure soles are free from mud, grease or other contaminants</li> <li>Any tools that need to be used should be lowered down by bucket attached to a rope</li> <li>Ensure footwear is suitable. Snug-fitting shoes/boots with flat, non-slip soles, no loose soles, long laces, oily soles, or caked with mud etc. free of mud, grease and other contaminants.</li> </ul>   | Supervisor<br>and workers<br>to ensure<br>control<br>measures<br>followed |



| JOB TASK                           | HAZARDS                           | Risk | CONTROL MEASURES   | Responsible Person  |
|------------------------------------|-----------------------------------|------|--|---|
| 6. Manual tasks                    | Musculoskeletal<br>(MSD) injuries | 3H   | <ul> <li>Materials/equipment placed as close to the work area as possible</li> <li>Weight of an object should be known; avoid lifting loads more than 1/4 of your body weight</li> <li>Do not use extreme force to move items</li> <li>Lifted items should be held close to the body whenever possible: <ul> <li>Keeping knees bent and back straight and lift, unload keeping knees bent</li> </ul> </li> <li>Use team lifts and mechanical means for heavy items</li> <li>Schedule regular breaks and practice job rotation</li> <li>Avoid overreaching, long periods of repetitive movements, awkward and sustained positions, twisting and side-bending.</li> </ul>  | Supervisor<br>and workers<br>to ensure<br>control<br>measures<br>followed |
| 7. HRCW Confined space preparation | Emergency                         | 4A   | <ul> <li>Where the Risk Assessment has identified high-risk tasks, a 'buddy' system may be utilised where a second person's presence is required at all times</li> <li>Where there is a probability of serious consequence, both people should not be exposed to the hazard simultaneously. The second person should be within sight, but safely removed from the immediate area</li> <li>The 'buddy' must: <ul> <li>be trained in the specific activities the worker he/she is observing</li> <li>be equipped with emergency equipment</li> <li>be capable of undertaking pre-planned rescue in an emergency</li> </ul> </li> <li>Rescue equipment to be on-site at all times</li> <li>The standby person must: <ul> <li>Understand the nature of the hazards inside the particular confined space</li> <li>Be able to recognise signs and symptoms that workers in the confined space may experience</li> <li>Remain outside the confined space</li> <li>Do no other work which may interfere with their primary role of monitoring the workers inside the space</li> <li>Have all required rescue equipment immediately available</li> <li>Have the authority to order workers to exit the space if any hazardous situation arises</li> <li>Never enter the space to attempt a rescue unless prepared and trained to do so</li> </ul> </li> </ul> | Supervisor<br>and workers<br>to ensure<br>control<br>measures<br>followed |
|                                    | Unauthorised access               | 3H   | <ul> <li>Isolate the confined space from the rest of the workplace. Isolation can include but not be limited to the following:</li> <li>Signage should be placed at all confined space entrances; signs will include the words "confined space" and state that a permit needs to be obtained before entry</li> </ul>   |   |



| JOB TASK | HAZARDS                 | Risk | CONTROL MEASURES  | RESPONSIBLE PERSON |
|----------|-------------------------|------|---|--------------------|
|          |                         |      | <ul> <li>The entrances to and from all confined space must be barricaded using fencing or handrails to prevent unauthorised access without placing any restrictions on people trying to escape from the area</li> <li>Locking and tagging according to LOTO procedure</li> <li>Confined spaces will be isolated and separated from all hazardous materials and energy sources before entry.</li> </ul>  |                    |
|          | Asphyxiation Engulfment |      | Proper ventilation will be implemented before the commencement of the work  ▲ In areas where adequate ventilation cannot be provided work shall not commence until expert advice has been obtained before proceeding  ▲ Never rely on a person's senses to determine if the air in a confined space is safe. Many toxic or flammable gases and unsafe oxygen levels cannot be detected using one's senses if the Risk Assessment determined that atmospheric testing will be required a trained and competent Gas Tester will test the atmosphere before completion of a Confined Space Permit Entry and work within the confined space is forbidden during the following atmospheric conditions:  ○ When the following safe oxygen levels cannot be maintained namely a minimum oxygen content in the air of 19.5% by volume under normal atmospheric pressure, and maximum oxygen content in the air of 23.5% by volume under normal atmosphere of a confined space is greater than 5 % of its Lower Explosion Limit (LEL) and less than 10 % of its LEL;  ○ Where the concentration of flammable gas, vapour or mist in the atmosphere of a confined space is 10 per cent of its LEL or greater;  ○ Where any other airborne concentration of potentially harmful contaminants have exceeded legislated exposure limits  ○ Supervisors in charge of the work area are responsible for purging the confined space if the need was identified during atmospheric testing:  Purging:  ○ Use inert gas, such as nitrogen, to clear flammable gases or vapours before work in the confined space begins  △ After purging, the confined space should be adequately ventilated with sufficient fresh air to ensure that the inert gas is removed  ○ Purging should be done in a way that ensures any contaminants removed from the confined space are expelled to a location where they present no further risk  ○ When flammable contaminants are to be purged, purging and ventilation equipment designed for use in hazardous areas must be used |                    |



| JOB TASK                              | HAZARDS   | Risk | CONTROL MEASURES   | RESPONSIBLE PERSON  |
|---------------------------------------|---|------|--|---|
|                                       |   |      | <ul> <li>Ensure any oxygen or gas mixtures higher than 21% O² by volume not used</li> <li>If the atmosphere is deemed unsafe- provide suitable Respiratory Protective Equipment (RPE).</li> <li>(Note: Ensure RPE is adequate for atmosphere, such as air-supplied, air-purifying or Self Contained Breathing Apparatus – SCBA).</li> </ul>  |   |
|                                       | Hazardous<br>energy sources   | 4A   | <ul> <li>Identify and isolate all energy sources</li> <li>Identify all isolation points</li> <li>De-energise all stored energies</li> <li>Complete and attach Danger Tag and lock(s) at each isolation point.</li> </ul>   |   |
|                                       | Communication failure   | 4A   | <ul> <li>Communication method works between people inside and outside the confined space and to summon help in an emergency:</li> <li>Can be achieved by voice, radio, hand signals or other suitable methods.</li> <li>Before a worker enters a confined space, a standby person must be assigned to continuously monitor the wellbeing of those inside the space. If practicable observe the work being carried out and initiate appropriate emergency procedures when necessary.</li> </ul> |   |
| 9. HRCW Working in the confined space | Incorrect work<br>method  | 4A   | <ul> <li>Select a work method that:         <ul> <li>Does not introduce ignition sources into a flammable atmosphere</li> <li>Minimises the release of harmful contaminants</li> <li>Limits the time and number of persons in the space</li> <li>Eliminates the risk of engulfment</li> </ul> </li> <li>All work must comply with the conditions of the entry permit</li> <li>Ensure other permits are obtained where required.eg. Hot Works.</li> </ul>                                       | Supervisor<br>and workers<br>to ensure<br>control<br>measures<br>followed |
|                                       | Blocked entry and exit points  Access Points:  A safe means of access and exit to and within the confined space, such as fixed ladders, platforms and walkways must be provided and in place  Confined space is entered and exited according to procedure  Access/exit points should be large enough to allow people wearing the necessary PPE to pass through and to permit the rescue of all people who may enter the confined space  Access/exit points should be unobstructed by fittings or equipment that could impede resc Keep access/exit points free of any obstructions during work in the confined space. If equipment such as electrical cables, leads, hoses and ventilation ducts are required to parthrough an access hole, a second access point may be needed  Openings must be closed and secured when work is finished. |      |  |   |



| JOB TASK                           | HAZARDS                               | Risk | CONTROL MEASURES   | RESPONSIBLE PERSON  |
|------------------------------------|---------------------------------------|------|--|---|
|                                    | Incorrect PPE/<br>safety<br>equipment | 4A   | <ul> <li>Provide safe entry into space (such as suitable full-body harness, lifeline and winch capable of retrieving a person in an emergency, tripod systems)</li> <li>Immediately report any hazardous conditions or injuries, review risk controls where required</li> <li>Have all required rescue equipment immediately available.</li> </ul>   |   |
|                                    | Communication failure                 | 3H   | <ul> <li>Ensure the standby person is in constant contact with the person in the confined space</li> <li>Standby person monitors change to conditions inside and outside the confined space</li> <li>The designated standby person is to be present at all times during confined space work</li> <li>Ensure standby person remains outside the confined space and does no other work which may interfere with their primary role of monitoring the workers within the enclosed space</li> <li>Never enter the space to attempt a rescue unless fully prepared, trained and equipped to do so.</li> </ul> |   |
| 10. HRCW<br>On<br>completion       | Unauthorised access                   | 3H   | <ul> <li>If acceptable, remove or add barricades</li> <li>Ensure machine is parked in a safe, level area, clear of unstable or sloping ground</li> <li>Store the key in a safe place (restrict unauthorised access).</li> </ul>  | Supervisor to confirm all workers have  |
|                                    | Person<br>/equipment left<br>behind   | 4A   | <ul> <li>The confined space is exited as per the determined procedure</li> <li>Ensure that everyone leaves the space and the competent person must sign the permit confirming this</li> <li>Tools equipment and material are removed from the space</li> <li>All-access/entry points are closed and secure</li> <li>Involve all staff in debrief, and document suggested improvements.</li> </ul>  | workers to comply with controls   |
|                                    | Security breach                       | 3H   | All personnel sign-out on Site Register.   | -   |
|                                    | Vehicle/people<br>impact              | 4A   | <ul> <li>Stay to designated access and egress routes</li> <li>Maintain awareness of surroundings at all times.</li> </ul>  |   |
| 11. HRCW<br>Emergency<br>retrieval | Injury     Fatality                   | 4A   | <ul> <li>For police, fire or ambulance call '000.'</li> <li>Follow site emergency and evacuation procedures</li> <li>A communication system is available, e.g. a mobile phone or radio</li> <li>Check for dangers to self before helping others</li> <li>Maintain control of the area and stabilise the situation</li> <li>Apply first aid to the injured worker</li> <li>Complete an incident report</li> <li>Refer to your SWMS implementing instructions for further specific emergency responses.</li> </ul>   | Principal<br>contractor to<br>confirm<br>emergency<br>response<br>procedure in<br>place |



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| Јов Та  | SK HAZARI           | os Risk            | RISK CONTROL MEASURES   |                              |     |    |                    |   |
|---|---------------------|--------------------|---|------------------------------|-----|----|--------------------|---|
|   |                     |                    | <ul> <li>If emergency entry required, follow site instructions. Example:         <ul> <li>Determine number, condition and location of casualties</li> <li>Ensure Entry Permit accessible</li> <li>Follow Ventilation and PPE requirements as per detailed instructions and drills</li> <li>Use access and retrieval equipment, set up and operate as per detailed instructions and drills</li> <li>Administer medical assistance if/as required</li> <li>Arrange for retrieval using applicable rescue equipment</li> <li>Preserve scene where possible and notify relevant Authorities of incident</li> <li>Provide post-incident briefing and counselling as required.</li> </ul> </li> <li>Note: For broken bones or non-life threatening injuries, the victim may stay within the confined</li> </ul> |                              |     |    |                    |   |
|   |                     |                    | pace until medical assistance   |                              |     |    |                    |   |
| OVER  | ALL RISK RATING AFT | ER CONTROLS        | ☐ 1 - Low   | 2 - Moderate                 |     |    | 3 - HIGH           | 4 - ACUTE   |
| PERMITS   | ☐ Not applicable    | ☐ Hot Work         | ☐ Confined Space ☐ L  | ocal council                 |     |    |                    | ?   |
| SITE MANAG  | SEMENT PLAN         | Is the work asso   | ociated with a Construction Pro   |                              |     |    |                    | n with requirements of the Site the Construction Project.                               |
| PLANT & EC  | UIPMENT             |                    | HA  | ZARDOUS SUBSTANCES           |     |    | SUPERVISOF         | RY <b>A</b> RRANGEMENTS   |
|   |                     |                    | 1.  |                              |     |    | Direct or          | g systems<br>qualified supervisors for job<br>n-site supervision<br>site: communication |
|   |                     |                    | essment Checklist: Descrip  | ·                            |     |    | Control            |   |
| Section 1 –   | For the space to be | defined as confine | ed all points, 1.1 – 1.3, must b  | e answered with a 'yes.'     | Yes | No | Control<br>measure | Control Options   |
| 1.1 The space is not designed or intended primarily to be occupied by a person? |                     |                    |   | ?                            |     |    |                    | (These are example risk   |
| .1 The spa  |                     |                    |   |                              |     |    |                    | CONTROLS AND THE LIST IS NOT  |
| 1.2 Is the sp   |                     | ended to be, at no | rmal atmospheric pressure wh  | ile any person is in the spa | ce? |    |                    | controls, and the list is not exhaustive).  A. Permit - signed, dated &                 |



| Section 1 – For the s   | pace to be defined as confined all points, 1.1 – 1.3, must be answered with a 'yes.'   | Yes | No | Control measure | Control Options   |
|-------------------------|--|-----|----|-----------------|---|
|                         | ing airborne gases, vapours and dust, that may cause injury from fire or explosion? ns of any airborne contaminants?   |     |    |                 | correct for the task  B. Atmospheric testing  C. Atmospheric monitoring                             |
| Section 2 – Risk asse   | essment – A full risk assessment is required for a confined space.   |     |    |                 | D. Removal of ignition  |
| 2.1 Entry               | ☐Can the work be carried out without the need to enter the confined space?   |     |    |                 | sources   |
|                         | ☐Have all persons been trained?  |     |    |                 | E. Lockout all isolation  |
|                         | □Suitable Access and exit?   |     |    |                 | points  F. Isolate all energy   |
| 2.2 Atmosphere          | ☐ Is there a risk of the atmospheric pressure in the space changing to an unsafe level?  |     |    |                 | sources   |
|                         | ☐ Is there a risk of the atmosphere being unsafe before entering the space?  |     |    |                 | G. Purging  |
|                         | ☐ Is there a risk of any harmful contaminant or process entering the space or being created from inside once inside the space?   |     |    |                 | H. Ventilation I. Communication   |
|                         | ☐Are any processes occurring inside or adjacent to the space likely to cause any oxygen deficiency?  |     |    |                 | J. Standby K. Air-breathing apparatus   |
|                         | ☐Area clear of all combustibles including the atmosphere   |     |    |                 | L. Air-breathing respirator  M. Particulate mask  |
|                         | Is continual air monitoring required?  |     |    |                 | N. Safety harness & lanyard   |
| 2.3 Hot work            | Hot Work permitted?  |     |    |                 | / lifeline O. Head protection   |
| 2.4 Isolation required? | Water/gas/steam/chemicals Mechanical/electrical drives Autofire extinguishing systems Hydraulic/electric/gas/power Sludge/deposits/wastes Locks and/or tags have been affixed to isolation points? |     |    |                 | P. Face shield / goggles / safety glasses Q. Earmuffs/plugs R. Gloves S. Warning notices/barricades |
| 2.5 Communication       | Is continual communication between the workers in the space and the standby difficult?   |     |    |                 | T. Lighting provisions U. Hot works controls  |
| 2.6 Access              | Warning notices/barricades?  |     |    |                 | O. HOLWOINS COILLOIS  |
| 2.7 Entanglement        | Is there a risk of entanglement from moving parts or plant in the space?   |     |    |                 |   |
| 2.8 PPE                 | PPE Required?  |     |    |                 |   |
| 2.9 Other?              |  |     |    |                 |   |



Issue Date: 1st February 2019

ABN 24 614 674 001 ABN 51 109 738 427 Authorised by: Director Philip Kenny Version 2. Revision date: 1st February 2020

| Section 1 – For the  | space to be defi | nswered with a 'yes.' Yes | s N  | IO . | measure Control Options |  |  |   |          |                 |      |   |   |
|--|------------------|---------------------------|--|------|-------------------------|--|--|---|----------|-----------------|------|---|---|
| Section 3: Risk Controls – Conditions for entry  |                  |                           |  |      |                         |  |  |   |          |                 |      |   |   |
|  |                  |                           |  |      |                         | ncy procedures to be taken in the      | e 3.3 Describe the emergency equipment |   |          |                 |      |   |   |
| e.g. access, conditions inside the space   |                  |                           | event of an emergency, e.g. fire brigade, mechanical |      |                         |  |  | required for the confined space entry, e.g. |          |                 |      |   |   |
|  |                  |                           | ventilation etc.                                     |      |                         |  |  | Safety harness & lanyard/lifeline etc.      |          |                 |      |   |   |
| Atmospheric Testing Results  |                  |                           |  |      |                         |  |  |   |          |                 |      |   |   |
| Date   | Time             | Flammable L               | EL   | Υ    | Ν                       | Oxygen %                               | Υ                                      | N O   | ther ppn | n (insert type) |      | Υ | N |
|  |                  |                           | Safe?  |      |                         | Safe?                                  |  |   |          | S               | afe? |   |   |
|  |                  |                           | Safe?  |      |                         | Safe?                                  |  |   |          | S               | afe? |   |   |
|  |                  |                           | Safe?  |      |                         | Safe?                                  |  |   |          | S               | afe? |   |   |
| I hereby confirm that all appropriate measurements have been taken with the suitably calibrated equipment and that all atmospheric conditions are safe for a |                  |                           |  |      |                         | Approved Gas Tester's Name:            |  |   |          |                 |      |   |   |
| workforce to enter the confined space.   |                  |                           |  |      |                         | Approved Gas Tester's Signature:       |  |   |          |                 |      |   |   |
|  |                  |                           |  |      |                         |  |  | `   | Y N      |                 |      |   |   |
| The conditions for entry are identified and listed in section 3  |                  |                           |  |      |                         | With supplied air breathing apparatus? |  |   |          |                 |      |   |   |
|  |                  |                           |  |      |                         | Without respiratory protection?        | [                                      |   |          |                 |      |   |   |
|  |                  |                           |  |      |                         | With escape unit                       |  | [   |          |                 |      |   |   |

Staff Information will be supplied upon request via email from a WHS Officer or supervisor.