













Precision Installations ABN 17155740551 Suite 41 / 124 - 130 Auburn Street, Wollongong, NSW, 2500		Revision #1	Job Date: 26th August 2022
		Created: 26th August 2022	Last Update: 26th August 2022
Authorised Representative:	Glen Fitzgerald - Ph:0420995605	This SWMS has been developed by: Glen Fitzgerald With consultation from onsite personnel and the responsible person for SWMS implementation, monitoring and review: Glen Fitzgerald	
WHS Representative:	Glen Fitzgerald - Ph:0420995605		
Work Activity / Task: Plumbing New Services Installation			
Location: 50-52 Phillip Street, Sydney			
Description: Installation of new services roughin to dwelling			
Review of Control Measures	The control measures for high risk work will be implemented by the workers undertaking the work who have had the opportunity to have input into the control measures and have been trained in the SWMS. The supervisor of the workers will periodically check that the control measures are being followed and determine if a review of the controls is required. A review may also be initiated at the request of an elected Health and Safety Representative. The implementation of the control measures may also be monitored by the completion of the Site Safety Checklist. Any non compliance at this stage will also initiate a review of the controls.		
Relevant WHS Act:		Work Health and Safety Act 2011	
Relevant WHS Regulations:		Work Health and Safety Regulation 2017	

Task / Job Requirements:

PPE Requirements	
 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>
 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>
 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>
 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>
 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>
 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>
Permit To Work Requirements	
This job does not require any permits be obtained before commencing work.	
Equipment Requirements	
Equipment used on this Job / Task has been verified to be in good working order and is authorised for use on the job site at 50-52 Phillip Street, Sydney . Compliance documentation and pre start checks can be obtained through the responsible person Glen Fitzgerald .	
Training Requirements	
Personnel Responsibilities	All workers must read and adhere to all safety procedures and Codes of Conduct in place for this site. All staff are to be pro-active regarding safety and report any near misses or safety risks to a Precision Installations Supervisor. In addition workers must read and understand the site safety rules as well as the requirements and processes outlined in this Safe Work Method Statement.

High Risk Works Check List:

Risk of a person falling more than 2 metres	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Likely to involve disturbing asbestos	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Working on or near shaft or trench deeper than 1.5m or a tunnel	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work on or near chemical, fuel or refrigerant lines	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Tilt-up or precast concrete elements	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work in areas with artificial extremes of temperature	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work on telecommunications tower	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Temporary load bearing support for structural alteration or repairs	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Use of explosives	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work on or near energised electrical installations or services	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work on/in/adjacent to roadway, railway, shipping line or other traffic corridor in use by traffic other than pedestrians	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work in or near water or other liquid that involves a risk of drowning	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Demolition of load bearing structure	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work on or near a confined space	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work on or near pressurised gas mains or piping	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work in an area that may have contaminated or flammable atmosphere	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Diving Work	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Work in an area with movement of powered mobile plant	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>

Job Breakdown:

HIERARCHY OF CONTROLS					
Most Effective					Least Effective
Item	Step Description	Potential Hazards	Risk Class	Controls	Residual Risk
1	Isolation of services	- Scalding, electrocution, flooding, fire, explosion	13	<ul style="list-style-type: none"> - Notify Site Principal and building occupant(s) of what services will be interrupted and for the expected duration. - Danger tag isolation points, erect signs at fixtures, barricade toilet blocks. - When turning services back on ensure other valves on service have not been turned on. - Remove and destroy danger tags on completion. - Notify Site Principal and building occupant(s) upon completion. 	3

2	Cutting of service pipes	- Electrocution, fire, explosion	18	<ul style="list-style-type: none"> - Use a earth bonding strap when cutting out sections of metal pipe and ensure that no source of ignition is created– water or gas - Wear mandatory PPE ie eye protection and gloves. - Do not inhale fumes. Ensure adequate natural ventilation. - Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas - Prevent spill entering drains or waterways. Collect and place in sealable containers for disposal or reuse. - Ensure no naked flame is in the proximity of the service when drainage is open 	3
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3	Alter existing & install new service	<ul style="list-style-type: none"> - Cuts and abrasions - Death / serious injury – falling - Isolate incorrect services, scalding - Electrocution, flooding, fire, explosion 	18	<ul style="list-style-type: none"> - Ensure PPE is worn ie cut resistant 4 rated gloves - Ensure Mandatory PPE is worn ie cut resistance 4 rated gloves - Regular checks are made for unsafe wear & damage. Inspections and servicing as per manufacturers recommendations. All necessary guards & safety devices are in place protecting workers from all moving & rotating parts - Ensure personnel are trained in the use of equipment <ul style="list-style-type: none"> - Keep hand clear of the veiga jaw - Ensure Ladder is rated as industrial and in serviceable condition. Check ladder for damage or missing components - Ensure personnel are trained using approved ladders - Always ensue that the platform ladder is placed on a firm level surface. Check that each foot is in contact with the surface - Ensure that the spreaders are fully extended prior to use - Do not use a ladder if the spreader is missing, loose or damaged <ul style="list-style-type: none"> - Regularly check ladder feet for excessive wear - When ascending or descending a ladder you must always be facing the ladder and have three limbs in contact with the ladder - Do not overreach when using a platform ladder ensure your body is centered within the ladder stiles - Before moving the ladder take care to ensure that all tools and other items have been removed 	4
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4	Welding equipment, oxygen/acetylene/LP gas, soldering, brazing and cutting	- Fire or explosion, burns, eye injuries	18	<ul style="list-style-type: none"> - Check equipment daily to ensure it is in good condition before starting work. - Check all leads and hoses for excessive wear and tear, check gauges and regulators for leaks – especially in a confined space situation. - If you are working in a confined space contact the principal & follow instructions. - Ensure flashback arrestors are fitted. - Remove combustibles from work area. - Ensure a suitable fire extinguisher is available. 	4
5	Fit-off Installation of PC items test and commission	<ul style="list-style-type: none"> - Cuts and Abrasions - Slips trips and falls - Strains - Injury from failure of failure of electrical equipment or leads (Battery Chargers) 	13	<ul style="list-style-type: none"> - Ensure personnel are training in the use of equipment - Ensure Mandatory PPE is worn (cut resistant gloves) - Assess workplace layout, Assess work environment - Ensure all contractors keep a tidy site - Insure proper lifting technique as per manual handling training. Team lifting or mechanical aids to be used for lifting over 15kg - Ensure all electrical equipment is tested and tagged every 3 months - Ensure all electrical equipment is thoroughly inspected including leads every day - Ensure portable power boxes have the fail test done on the RCD's everyday 	3

SWMS Acknowledgement:

This SWMS has been developed through consultation with our workers and has been read and signed by all workers involved with this activity

Name	Role	Signature	Date
Glen Fitzgerald	Worker		26th August 2022

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Appendices: Risk Matrix

	Minor	Serious	Severe	Major	Catastrophic
Almost Certain	Class: 10 Moderate	Class: 16 High	Class: 20 Extreme	Class: 23 Extreme	Class: 25 Extreme
Likely	Class: 7 Moderate	Class: 12 Serious	Class: 17 High	Class: 21 Extreme	Class: 24 Extreme
Possible	Class: 5 Moderate	Class: 6 Moderate	Class: 13 Serious	Class: 18 High	Class: 22 Extreme
Unlikely	Class: 2 Low	Class: 4 Low	Class: 9 Moderate	Class: 14 Serious	Class: 19 High
Rare	Class: 1 Low	Class: 3 Low	Class: 8 Moderate	Class: 11 Moderate	Class: 15 Serious

Likelihood			Consequence		
Value	Classification	Description	Value	Classification	Description
1	Rare	Unlikely to occur (less than 5% chance)	1	Minor	First Aid Injury (FAI). Minimal impact on health & safety which can be resolved by daily procedures & pre-start.
2	Unlikely	Could occur (5-25% chance)	2	Serious	Medical Treated Injury (MTI). Treatment required by physician or medical personnel (not a First-aider).
3	Possible	May occur at some time (25-50% chance)	3	Severe	Lost Time Injury (LTI). Injury sustained to employee who is unable to work following day or perform usual duties.
4	Likely	Will probably occur (50-75% chance)	4	Major	Single fatality or hospitalisation. Permanent disability or long term illness/injury.

5	Almost Certain	Very likely to happen (over 75% chance)	5	Catastrophic	Multiple fatalities or permanent debilitating injuries
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Appendices: Hazard Identification

Step 3

Alter existing & install new service

