



SAFE METHODS WORKS STATEMENT

DESCRIPTION OF WORK ACTIVITY

LOCATE AND CLEAR A DRAIN CHOKE USING HIGH PRESSURE WATER JETTING

SECTION 1	IMPORTANT INFORMATION
SECTION 2	MACHINE DETAILS
SECTION 3	RISK INFORMATION
SECTION 4	KNOWN RISKS TO ACTION
SECTION 5	RISKS IDENTIFIED AND TREATED
SECTION 6	REFERENCES
SECTION 7	DECLARATIONS

SECTION 1	COMPANY INFORMATION
-----------	---------------------

THIS SWMS HAS BEEN DEVELOPED AND AUTHORISED BY

COMPANY NAME	NAME
ABN	POSITION
ADDRESS	DATE
MOBILE	SIGNATURE



THIS SWMS IS SUBMITTED TO PRINCIPAL CONTRACTOR,

COMPANY NAME	_____
CONTACT	_____
SITE ADDRESS	_____
PROJECT	_____

POSITION	_____
DATE	_____
SIGNATURE	_____

THIS SWMS IS REVIEWED BY PRINCIPAL CONTRACTOR,

COMPANY NAME	_____
REVIEWER	_____
ADDRESS	_____
MOBILE	_____

POSITION	_____
DATE	_____
SIGNATURE	_____

PERSON CONDUCTING A BUSINESS OR UNDERTAKING RESPONSIBLE FOR SUPERVISING AND IMPLEMENTING THE WHS CONTROLS ASSOCIATED WITH EACH STEP OF THE WORK ACTIVITY COVERD BY THIS SWMS

COMPANY NAME	_____
CONTACT	_____
DATE	_____
MOBILE	_____

POSITION	_____
DATE	_____
SIGNATURE	_____



		INCREASE SEVERITY OF CONSEQUENCES ----->				
		1.INSIGNIFICANT No external First Aid required	2. MINOR Some First Aid required	3.MODERATE Significant personal injury and medical treatment	4. MAJOR Extensive permanent injury. Loss of sense	5.CATASTROPHIC Death or permanent disability
INCREASE LIKELIHOOD OF EVENT ----->	A. ALMOST CERTAIN Expected in normal circumstances	HIGH 11	HIGH 16	EXTREME 20	EXTREME 23	EXTREME 25
	B. LIKELY Probably occur in most circumstances	MODERATE 7	HIGH 12	HIGH 17	EXTREME 21	EXTREME 24
	C. POSSIBLE Might occur at some time	LOW 4	MODERATE 8	HIGH 13	EXTREME 18	EXTREME 22
	D. UNLIKELY Could occur at some time but not expected	LOW 2	LOW 5	MODERATE 9	HIGH 14	EXTREME 19
	E. RARE Only in exceptional circumstances	LOW 1	LOW 3	MODERATE 6	HIGH 10	HIGH 15

ACTION TIMEFRAME	RISK	ACTION
	EXTREME	Immediate action required to mitigate risk and implement treatments
	HIGH	Immediate action required to mitigate risk and implement treatments
	MODERATE	Reasonable action to monitor and mitigate risk
	LOW	Reasonable action to monitor and mitigate risk

HEIRARCHY OF CONTROLS		APPROPRIATE RISK TREATMENTS BALANCING THE RISKS AND THE SUITABLE MITIGATING ACTION AS FAR AS REASONABLY PRACTICABLE
ELIMINATE	Seeks to eliminate the risk source	
SUBSTITUTE	Institute a control measure that provides a safer alternative	
ENGINEERING	Engineered options that separate the risk from the user and environment	
ADMINISTRATION	Procedures and practices that are instituted to reduce risk, of equal or higher standard that WHS obligations	
PERSONAL PROTECTIVE	Protection from risk source	














SECTION 3

GENERAL HIGH-RISK CONSTRUCTION WORK INVOLVED IN THE WORK ACTIVITY BASED ON SITE SPECIFIC ASSESSMENT

CONSTRUCTION ACTIVITY REQUIRING A SWMS		RISK & RATING		CONTROL & NEW RATING	
1	Involves a risk of a person falling more than 2 metres				
2	Is carried out on a telecommunication tower				
3	Involves demolition of an element of a structure that is load-bearing or otherwise related to the physical integrity of the structure				
4	Involves, or is likely to involve, the disturbance of asbestos				
5	Involves structural alterations or repairs that require temporary support to prevent collapse				
6	Is carried out in or near a confined space				
7	Is carried out in or near a shaft or trench with an excavated depth greater than 1.5 metres, or a tunnel				
8	Involves the use of explosives				
9	Is carried out on or near pressurised gas distribution mains or piping				
10	Is carried out on or near chemical, fuel or refrigerant lines				
11	Is carried out on or near energised electrical installations or services				
12	Is carried out in an area that may have a contaminated or flammable atmosphere				
13	Involves tilt-up or precast concrete				
14	Is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor that is in use by traffic other than pedestrians				
15	Is carried out in an area at a workplace in which there is any movement of powered mobile plant				
16	Is carried out in an area in which there are artificial extremes of temperature				
17	Is carried out in or near water or other liquid that involves a risk of drowning				
18	Involves diving work				


SECTION 4


EQUIPMENT, HAZARDOUS SUBSTANCES & PPE


EQUIPMENT AND TOOLS TO BE USED	TICK	LIST PPE TO BE USED		TICK
JETTER			Hard Hat	
JETTER MAIN REEL			Safety Footwear	
JETTER MINI REEL			Eye Protection	
JETTER LANCE			Safety Harness	
NOZZLE SET			Respiration Equipment	
HOSE RESTRAINT			Hand Protection	
HOSE SHROUD			Ear Protection	
SAFETY PLATE			Overalls	
MEDICAL ALERT CARD			Illuminating Safety Vest	
SAFETY SIGNAGE			Wet Weather Gear	
FIRE EXTINGUISHER			Sun Glasses	
BARRICADES			Hat	
			Sun Screen	
LIST POTENTIAL HAZARDOUS SUBSTANCES EXPOSURE	DO YOU HAVE THE MSDS YES / NO			

SECTION 5

HIGH PRESSURE WATER JETTING KNOWN RISKS AND SAFETY RISK TREATMENTS

	RISK ITEM	RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION	 OPERATOR COMPETANCY- INJURY / DEATH	21	13
	<p>Risk Control Treatments to be Observed Only persons who are trained, experienced and hold all relevant certification and licences including being deemed competent to operate a Class B HPWJ.</p> <p>CONDUCT SITE SPECIFIC RISK ASSESSMENT DO NOT OPERATE PRESSURE WASHER UNLESS QUALIFIED AND AUTHORISED TO DO SO READ MANUFACTURERS INSTRUCTIONS WEAR ALL REQUIRED PPE BARRICADE WORK AREA - RESTRICT ACCESS ERECT HAZARD WANING SIGNS DO NOT USE LANCE WITHOUT PROTECTIVE SHEATH ON OPERATORS END OF HIGH-PRESSURE HOSE ENSURE HOSE RESTRAINS ARE USED DO NOT USE IF EVIDENCE OF WATER LEAKS IN THE EVENT OF A WATER JET INJURY - SEEK IMMEDIATE MEDICAL ATTENTION</p>		
	HEIRARCHY CONTROL	Administration, PPE	

	RISK ITEM	RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION	 ENTANGLEMENT IN EQUIPMENT- INJURY	17	9
	<p>Risk Control Treatments to be Observed Use hose main and mini reels to limit exposure to hose Ensure firm footing during operation Barricade work zone Utilise signage</p> <p>Operate in line with Safe Jetting Manual Operate in line with Guide to Managing Risks from High Pressure Water Jetting</p>		
	HEIRARCHY CONTROL	Engineering, Administration	

	RISK ITEM	RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION	 HIGH PRESSURE WATER JETTING- INJURY	21	14
	<p>Risk Control Treatments to be Observed Jetting in progress signage Barricade work zone from by standers SWMS to stop jetting if people enter work zone Never leave jetter unattended Stop jetting if malfunction Never point jetter stream at person or animal Always carry Medical Alert Card</p> <p>Never put hand over jetter stream Use appropriate PPE Never leave jetter unattended Operate in line with Safe Jetting Manual Seek medical treatment immediately Operate in line with Guide to Managing Risks from High Pressure Water Jetting</p>		
	HEIRARCHY CONTROL	Engineering, Administrative, PPE	





	RISK ITEM		RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION	+	HOSE WHIPPING - INJURY	21	10
	Risk Control Treatments to be Observed Observe machine start up procedures Point jetting stream to ground Observe markings on hose indicating distance to end of hose Utilise hose restraints and shrouds Always carry Medical Alert Card			
	Utilise safety plate over drain entrance Operate in line with Safe Jetting Manual Operate in line with Guide to Managing Risks from High Pressure Water Jetting			
HEIRARCHY CONTROL		Engineering, Administrative, PPE		


	RISK ITEM		RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION	+	SUFFOCATION - INJURY	20	14
	Risk Control Treatments to be Observed Never operate fuel driven equipment in confined spaces Ensure adequate ventilation Undertake confined spaces training			
	Operate in line with Safe Jetting Manual Operate in line with Guide to Managing Risks from High Pressure Water Jetting			
HEIRARCHY CONTROL		Administrative, PPE		


	RISK ITEM		RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION	+	MANUAL HANDLING - INJURY	20	10
	Risk Control Treatments to be Observed Undertake training in manual handling			
	Administration			
HEIRARCHY CONTROL		Administration		


	RISK ITEM		RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION	+	BURNS - INJURY	17	6
	Risk Control Treatments to be Observed Follow engine manufacturers instruction Warning on fuel tank			
	Guards to shield operator from hot parts PPE			
HEIRARCHY CONTROL		Engineering, Administration, PPE		


		RISK ITEM	RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION		EXPLOSION & FIRE - INJURY	18	10
	Risk Control Treatments to be Observed Follow manufacturer's instructions Cool engine prior to refuelling Charge battery with correct equipment Access to fire extinguisher		Do not operate in explosive environment Utilise appropriate PPE when working with battery and fuel Access to fire blanket	
	HEIRARCHY CONTROL	Administration, PPE		


		RISK ITEM	RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION		CRUSH - INJURY	14	10
	Risk Control Treatments to be Observed Secure machine, trailer, vehicle with brake or wheel chocks			
	HEIRARCHY CONTROL	Engineering, Administration		


		RISK ITEM	RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION		ENGINE AND JETTING NOISE - INJURY	17	6
	Risk Control Treatments to be Observed Avoid operating equipment in confined spaces		Use hearing protection PPE	
	HEIRARCHY CONTROL	Administrative, PPE		


		RISK ITEM	RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION		AIR BORNE CONTAMINANTS -INJURY	22	15
	Risk Control Treatments to be Observed Do not use HPWJ near asbestos as particles may become airborne Wear safety goggles Operate in line with Guide to Managing Risks from High Pressure Water Jetting		Be aware of airborne bio hazards from drain jetting Wear appropriate respirator Operate in line with Safe Jetting Manual	
	HEIRARCHY CONTROL	Administrative, PPE		

		RISK ITEM	RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION		ELECTROCUTION - INJURY	18	10
	Risk Control Treatments to be Observed Do not air HPWJ stream at electrical equipment		Wear appropriate PPE	
	HEIRARCHY CONTROL	Administrative, PPE		

		RISK ITEM	RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION		SLIPPING - INJURY	17	9
	Risk Control Treatments to be Observed Use correct footwear on slippery surfaces Utilise Spills Kit when required Clean up prior to leaving site			
	HEIRARCHY CONTROL	Engineering, PPE		

		RISK ITEM	RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION		BIOHAZARD - INJURY	18	10
	Risk Control Treatments to be Observed Utilise appropriate levels of hygiene		Employ appropriate PPE	
	HEIRARCHY CONTROL	Administrative, PPE		

		RISK ITEM	RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION		CHEMICAL EXPOSURE - INJURY	18	10
	Risk Control Treatments to be Observed Confined spaces training Keep workspace well ventilated		Follow chemical suppliers instructions Utilize respirator and additional PPE	
	HEIRARCHY CONTROL	Administrative, PPE		

		RISK ITEM	RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION		FREEZING LIQUIDS - INJURY	18	10
	Risk Control Treatments to be Observed Do not operate equipment if there is a risk of freezing. Follow start up and shut down procedures Do not leave equipment pressurised Shut down equipment and depressurise prior to maintenance		Operate in line with Safe Jetting Manual Operate in line with Guide to Managing Risks from High Pressure Water Jetting Wear correct PPE	
	HEIRARCHY CONTROL	Administrative, PPE		



		RISK ITEM	RISK RATING BEFORE CONTROLS	RISK RATING AFTER CONTROLS
OPERATION	⊕	INCORRECT JETTER, HOSE , NOZZLE COMPATABILITY - INJURY	18	10
	Risk Control Treatments to be Observed Operator training to AS 4233.1 2013 requirements Ensure jetter, hoses and nozzles are compatible Use hose restraints Use appropriate PPE		Operate in line with Safe Jetting Manual Operate in line with Guide to Managing Risks from High Pressure Water Jetting	
	HEIRARCHY CONTROL	Administrative, PPE		

SECTION 6

REFERENCES

NOTE: References are not required as part of a SWMS however the following is included to assist you in meeting your WHS obligations.

Links to relevant legislation and guides

[Work Health and Safety Act 2011 No 10](#)

[Safe Work Method Statement Information Sheet](#)

[Work Health and Safety Regulation 2017](#)

[Guide to Managing the Risks of High-Pressure Water Jetting](#)

[Plumbing and Drainage Act 2011 No 59](#)

[How to Determine what is Reasonably Practicable to meet a Health and Safety Duty](#)

Model Codes of Practice

[Confined Spaces](#)

[Managing noise and preventing hearing loss at work](#)

[Hazardous manual tasks](#)

[Managing the work environment and facilities](#)

[How to manage and control asbestos in the workplace](#)

[Preparation of safety data sheets for hazardous chemicals](#)

[How to manage work health and safety risks](#)

[How to safely remove asbestos](#)

[Managing the risk of falls in the workplace](#)

[Labelling of workplace hazardous chemicals](#)

DECLARATION BY PCBU AND WORKERS		Yes	No
I have been consulted and have assisted in the development of this SWMS.			
I have been given the opportunity to comment on the content of this SWMS.			
I have been supplied with the Personal Protective Equipment identified on this SWMS and I have been given training in the safe use of this equipment.			
I have read and understand how I am to carry out the activities listed in this SWMS.			
I have read and understand the requirements set out in the Material Safety Data Sheets for the Hazardous Substances identified in this SWMS			
I understand that a Class B HPWJ must only be used by operators who have been deemed competent by a Registered Training Organisation in line with AS 4233.1			
NOTE: Work must be performed in accordance with this SWMS. This SWMS must be kept and be available for inspection until the high-risk construction work to which this SWMS relates is completed. If the SWMS is revised, all versions should be kept. If a notifiable incident occurs in relation to the high-risk construction work in this SWMS, the SWMS must be kept for at least 2 years from the date of the notifiable incident			
Name			
Signature			
Date			

Name	
Signature	
Date	

Name	
Signature	
Date	

Name	
Signature	
Date	