

Safe Work Method Statement

Work Near Pressurised Gas Distribution Mains / Services

Reviewed by:

Name

Signature

Position

Date

The Site Supervisor is to ensure all personnel conducting this work be made aware of these methods of control at toolbox meetings and / or pre-start meetings before work commences.

It is a requirement that all staff have sufficient time to complete and discuss all relevant control measures to ensure work is carried out safely at all times.

This document has been reviewed and endorsed by the Construction Safety Group for use on TRC construction projects.

Council Details

Toowoomba Regional Council

Address: 153 Herries Street, Toowoomba Qld. 4350

Phone: 131 872

Council ABN

99 788 305 360

Construction Site Address

Construction Project (over \$250,000)

No ☐ Yes ☐ DM number for Safety Management Plan #

Planned high risk activity

Risk Assessment

RISK CALCULATOR					
Likelihood	Consequence				
	Insignificant No injury, no-low \$ cost	Minor First aid treatment, low-medium \$ cost	Moderate Medical treatment, medium-high \$ cost	Major Serious injuries, major \$ cost	Catastrophic Death, huge \$ cost
Almost Certain Expected to occur at most times	M	H	E	E	E
Likely Will probably occur at most times	M	H	H	E	E
Possible Might occur at some time	L	M	H	E	E
Unlikely Could occur at some time	L	L	M	H	E
Rare May occur in rare conditions	L	L	M	M	H

Controls & Implementation (tick applicable)				
Tick	TASK HAZARD / RISK	Risk Before Control	METHOD OF CONTROL	Risk After Control
<input checked="" type="checkbox"/>				
<input type="checkbox"/>	Pre-Start		<ul style="list-style-type: none"> Pre-start briefing to ensure all staff are fully aware of the scope of work before work commences. Ensure all persons have undertaken WHS induction. Ensure strictly no smoking on site Before work starts each day a competent person will check the work activity for the day including such things a weather conditions and proximity to other services. Exclusion zones and hazard warning signs (where required) will be displayed before work commences. Effective reliable communications available on site. 	
<input type="checkbox"/>	Site Barricading		<ul style="list-style-type: none"> Ensure that the site is adequately barricaded and signed where applicable. 	
<input type="checkbox"/>	General Safety		<ul style="list-style-type: none"> Ensure all workers are competent to perform the required work. Relevant training is to be provided. Keep unauthorised persons out of the work site. 	
<input type="checkbox"/>	Hazardous Chemicals		<ul style="list-style-type: none"> All hazardous chemicals are to be identified before work commences such as the gaseous substance itself, and any other hazardous chemicals that may be used to perform work. SDS and Risk assessments must be available on site and reviewed prior to commencement of work. 	
<input type="checkbox"/>	Cranes/ Equipment		<ul style="list-style-type: none"> Only appropriately trained and qualified operators to be used. Consider the use of anti-spark buckets <p>If work to be done involving cranes, the SWMS for Lifting with Powered Mobile Plant/Crane is also required.</p>	
<input type="checkbox"/>	Trench Work		<p>If work to be done involves trenches/excavation, the SWMS for Trenching and Excavation is also required.</p>	
<input type="checkbox"/>	Live Services		<ul style="list-style-type: none"> Obtain service location information through the DIAL BEFORE YOU DIG (DBYD) service. This can be done by: <ul style="list-style-type: none"> Submitting a request online at www.dialbeforeyoudig.com.au (this is the preferred option) Contacting DBYD on 1100; Faxing a completed enquiry form to 1300 652 077 Review the gas plan to determine whether there is a gas main in the vicinity of the excavation work. For work in the vicinity of a high pressure gas main an "Authority to Work" permit needs to be obtained from APA prior to commencement of work. The following pipes are classed as high pressure gas mains: <ul style="list-style-type: none"> Class 600,300, 150 steel High pressure steel High Medium (if pipe Ø is over 90mm) Undefined pressure (Oakey) (if pipe Ø is over 90mm) Work in the vicinity of a high pressure gas main is not to commence prior to the arrival of an APA representative on site. The APA representative must give approval for work commencing. (Phone – 07 3323 7684). Mark each service on the ground (a service location contractor may be used to do this if necessary). Carefully locate any services which may be in potential conflict with the work being undertaken (e.g. potholing, vacuum excavation). Once the services are located highlight them with paint or markers to ensure that they are not damaged during bulk excavation work. 	

<input type="checkbox"/>	Emergency Procedures		<ul style="list-style-type: none"> If work to be done near electrical services, the SWMS for Work Near Electrical Services is also required. If any damage to a gas main results in uncontrolled release of gas, "000" must be called immediately. For all damage to mains or house services (whether gas is released or not) APA must be called <u>immediately</u> on 1300 763 106. All workers are to be made aware of the emergency and must follow the below procedures in the event of a gas leak: <ul style="list-style-type: none"> - Stop/turn off all ignition sources immediately - Evacuate all personnel including bystanders from the area and maintain an exclusion zone of at least 15 metres. - Ensure no ignition source enters the exclusion zone - On arrival of emergency services personnel, and/or APA staff, follow their directions. <p>Incident Procedure for uncontrolled release of gas:</p> <ul style="list-style-type: none"> Foreman / Leading Hand to contact Safety Advisor (or after hours the Safety Unit on 131 872) and advise of the incident (and complete Incident Hazard Report Form). Record relevant details of the incident such as the depth of the main, alignment, size, how it was damaged etc. in your diary for future reference (take photographs when safe to do so). Site Supervisor to ensure Incident/Hazard Report Form is completed. 	
<input type="checkbox"/>	PPE		<ul style="list-style-type: none"> Safety boots and high visibility vests/shirts must be worn. Other PPE as identified via risk assessment. 	
<input type="checkbox"/>	Emergency work		<p>Work can only be classed as Emergency work if the current situation poses a serious threat to people or infrastructure</p> <ul style="list-style-type: none"> Do not start bulk excavation (do not use Excavator/Backhoe etc.) Contact APA on 1300 763 106 immediately and request information regarding possible services in the vicinity. If APA confirms high pressure services in the vicinity, request an APA representative to attend the site immediately. Services need to be physically located before any bulk excavation commences. 	
<input type="checkbox"/>	Other (please state)		<ul style="list-style-type: none"> 	

Monitoring of Site Control

Ongoing monitoring

- The person in control of the site is responsible for implementing the controls listed above.**
- Risk assessments are conducted during the project and any changes (e.g. environmental changes) discussed at toolbox meetings.
- The site supervisor is to hold regular toolbox talks to discuss changes to the workplace or identification of new hazards.
- Internal / External audits and inspections by Safety Advisor and others.

General Comments:

All personnel involved in activity to sign acknowledgement to having received instruction and understanding of this SWMS.

[illegible]