

Technical Standard 2607.1 CONDITIONS FOR WORKS NEAR GAS INFRASTRUCTURE (MAINS AND SERVICES)

This information is provided by AusNet Services, the Gas Distribution Company whose Assets may be affected by the proposed works.

AusNet Services assets include:

- Low (<7kPa), Medium (15-140kPa), High Pressure1 HP1 (140-515kPa), High Pressure2 HP2 (515-1050kPa) pressure gas mains/services and Transmission pipelines (>1050kPa).
- Gas Services operating at Low, Medium and High pressures.
- Corrosion Mitigation equipment (eg. test point, anode bed, cathodic protection unit).
- Above and below ground structures (eg. regulator station pit/kiosk, valve pit).
- SCADA and communications equipment.

It is the responsibility of the person(s) carrying out the works to have the utmost regard for the safety of property and life. To assist in this, AusNet Services has provided these minimum Conditions for Works which the person(s) carrying out the works must comply with.

NOTE 1

Regarding Corrosion Mitigation equipment:-

It shall be noted that AusNet Services' gas network consists of buried metallic assets / pipes that are protected by cathodic protection. The cathodic protection of the gas assets may cause interference to any proponents' metallic buried assets.

It is important that the proponents of any development take this into consideration and undertake their own due diligence in the design of any buildings or metallic assets to account for any existing Cathodic Protection Systems (CPS) to validate their assets are not adversely impacted. For further information please contact Downer Group, AusNet Services gas Principal Service Provider via engquiries@downergroup.com

NOTE 2

Under no circumstances will AusNet Services accept liability for the acts or omissions of person(s) carrying out works. If in doubt, contact Downer Group, AusNet Services Principal Service Provider on **(03) 7379 8877** or radioroomgas@downergroup.com.

- Every care has been taken to ensure that the location of gas mains shown on our district plans or given verbally is accurate. However, some variations from records do exist and complete accuracy cannot be guaranteed. AusNet Services does not accept any responsibility for any inaccuracies of its plans.
- **Service lines from the gas mains to consumer premises are not shown on the district plans or SDMG. The location of any gas main or service must be proven by hand excavation.**

If damage occurs to any property that is owned by AusNet Services, AusNet Services will assert its legal rights. These legal rights include, but are not limited to:

- Seeking compensation for tortious damage to property; and
- Asserting statutory entitlements, including prosecution under the Gas Industry Act (Vic) 2001, as amended.

NOTE 3

The Gas Safety Act 1997 and Pipelines Act 2005 provides penalties for unauthorised works in the vicinity of AusNet Services-owned gas assets and interference with:

- Gas company pipelines (other than transmission).
- Transmission pipelines.
- And any other gas company installations and facilities.

Minimum Conditions for work near Gas mains or Services

1. It is essential that prior to any work being carried out, detailed design plans of the proposed construction work be checked by the Engineering Team of Downer Group (engquiries@downergroup.com) for impact assessment. Only after Downer Group have considered and approved the proposal, should works be commenced.
2. Final construction plans approved by Downer Group, together with any relevant gas plans supplied are only to be used for proposed work. Updated gas works' plans must again be obtained for any further works in the future.
3. If the depth of cover above gas mains is to be reduced, traffic loading calculations shall be completed by AusNet approved suppliers before heavy vehicles is permitted to cross over. Based on proposed calculations a specific crossing (crushed rock ramp or steel road plate) shall be installed for heavy vehicle traffic.

4. Special precautions must be taken in proving the location of **mains and services**. Damage to the coating or the pipe itself can with time, create a hazardous situation. If damage does occur, it must be reported to AusNet Services on 13 67 07.
5. It is the responsibility of the person(s) undertaking works to establish the location of the gas mains and services by hand excavation prior to the commencement of works. If the gas mains or services cannot be located within 1.5 metres either side of the documented or communicated location, Downer Group must be contacted on **(03) 7379 8877 or radioroomgas@downergroup.com**.
6. For works near gas mains (shown on gas plans in black, green, blue) or services, onsite location / assistance can be arranged by contacting Downer Group on **(03) 7379 8877 or radioroomgas@downergroup.com**, at least 2 working days prior to commencement of planned works. For works near **HP2 gas mains** (shown on gas plans in orange, 515-1050 kPa), the proponent must engage onsite location/ assistance by contacting Downer Group on (03) 7379 8877 or **radioroomgas@downergroup.com**, at least 2 working days prior to commencement of planned works.
7. Onsite locations / assistance outside normal working hours (7.30am – 4.00pm Monday to Friday) may incur a fee charged as per the standard schedule of rates. During normal working hours Downer Group can be contacted on **(03) 7379 8877. After hours contact AusNet services on 13 67 07.**

Minimum Clearances (guide only) for Design and Construction of Gas Mains:

As an aid to your design and/or construction, the following minimum clearances from AusNet Services gas mains are necessary and shall be observed:

- 150mm when crossing gas mains with installations up to 1500 mm wide or OD (Outside Diameter).
- 300 mm when crossing gas mains with installations greater than 1500 mm wide or OD.
- 300 mm when installations are laid parallel to gas mains.
- 500 mm between all gas mains and earthing stakes.
- 300 mm between the bottom of road boxing and the top of gas mains.
- 500 mm between electrical underground cables laid parallel to gas pipe larger than 32 mm OD and up to 250 mm OD. Where this is not possible, or the gas pipe is above 250 mm OD, the matter must be referred to Downer Group.
- 300 mm between electrical underground cables laid parallel to gas pipe 32mm OD or less.

Minimum Clearances (guide only) for Design and Construction of Gas Services:

As an aid to your design and/or construction, the following minimum clearances from AusNet Services gas services are necessary and shall be observed:

- 300 mm when any installation less than 40 mm OD (except electrical cables and TP Services), is laid parallel to a gas service. For installations of 40mm OD or greater, the minimum clearance requirements must be approved by the Engineering Team, Downer Group.
- 500 mm between all gas services and earthing stakes.
- 300 mm between the bottom of road boxing and the top of a gas service.
- 150 mm in vertical distance to any installation (except electrical cables and TP Services).
- 300 mm between electrical underground cables laid parallel to a gas service.
- 300mm between the bottom of a concrete driveway or footpath, and the top of a gas service.

NOTE 4

No installation or building is permitted above any gas main or service. No installation or building is permitted within a gas easement or within one (1) metre of a gas main or service without the prior approval by the Engineering Team, Downer Group.

NOTE 5

No auger drilling is allowed within 1.0m from gas assets.

NOTE 6

No vibration compaction is allowed within 1.0m from gas assets.

NOTE 7

Any variations from the above minimum clearances and particularly in relation to, multiple utility assets in shared, or common trenching, must be approved by the Engineering Team, Downer Group.