



# high pressure gas pipelines planning, safety & awareness.

## What are Gas Transmission Pipelines?

Gas Transmission Pipelines are a system of interconnected high pressure gas pipelines that transport large volumes of natural gas from processing or storage facilities over long distances to consumer markets, for industrial use, residential supply networks, power generation and mining purposes. Gas Transmission Pipelines are steel pipelines ranging in diameter between 200 millimetres and 1 metre and operate under high pressure to maximise the amount of compressed natural gas that can be transported.

These Gas Transmission Pipelines are mostly found buried underground and run through pipeline corridors or easements and through roadways and public space areas. These Gas Transmission Pipelines and their corridors can be found in all locations from rural remote areas to inner city metro areas.

Gas Transmission Pipelines are identifiable by the warning signs located at regular intervals. These markers identify the pipeline route but do not indicate the exact location or depth of the buried pipeline.



We're Australia's leading energy infrastructure business. We've been connecting Australian energy since 2000. From small beginnings we've become a top 50 ASX-listed company, employing 1,700 people, and owning and operating the largest interconnected gas transmission network across Australia. We deliver smart, reliable and safe solutions through our deep industry knowledge and interconnected infrastructure. Visit [www.apa.com.au](http://www.apa.com.au) to learn more about how we are connecting Australia to its energy future.

energy. connected.

# At APA our priority is your safety and the safety of the public.

Our aim is to work with anyone who needs to undertake work near our pipelines to ensure that works planned near APA's pipelines are undertaken safely. If you require further safety induction materials to inform your work crews of how to work safely when working in the vicinity of APA's assets, please contact APA Protection (details opposite).

Gas Transmission Pipelines transport large volumes of gas under high pressure.

These pipelines operate at pressures approximately 40 to 50 times that of your car tyre.

Third party contractor work is one of the most common causes of pipeline damage, and we want to work with you to prevent this.

In addition to the potential for harm to people in the vicinity, and community inconvenience, pipeline incidents can result in very substantial fines and possible criminal conviction.



## What to consider when operating near Gas Transmission Pipelines:

The safety of people working around and living near high pressure Gas Transmission Pipelines is a priority for APA. As Gas Transmission Pipelines are most often buried underground, operate under high pressures and are often situated in public areas (such as road reserves and parklands) they can become susceptible to unique threats from external interference, which can cause damage to the pipeline or its protective coatings.

Striking or puncturing a GTP can cause an explosion and fire which has the potential to lead to severe injuries and fatalities.

The types of activities that can pose a threat to these pipelines and the safety of those working nearby include:

- Excavation.
- Boring or drilling.
- Land levelling or contouring.
- Landscaping and planting trees.
- Storing material or erecting structures.
- Use of explosives.
- Use of vibrating machinery.
- Transporting heavy machinery or distributing heavy loads on top of the pipelines.

To work safely around pipelines please always consider the following:

- Ask if there is a Dial Before You Dig plan before you excavate – don't dig until you know buried services have been identified and the works have been discussed with the asset owner.
- When a permit has been issued for work near a pipeline follow the conditions exactly.
- Follow the instructions of the APA permit issuer.
- Look around for marker and warning signs
- If you encounter buried warning marker tape stop digging until asset owner arrives.
- If in any doubt don't dig around pipelines – call APA on **1800 103 452**.



To safely conduct works on or adjacent to the pipeline corridor please follow these simple steps:

1

Lodge an enquiry with Dial Before you Dig (DBYD) at [www.1100.com.au](http://www.1100.com.au) or contact APA on **1800 103 452** or [apaprotection@apa.com.au](mailto:apaprotection@apa.com.au).

2

Once APA has received your DBYD enquiry an assessment will be conducted to determine whether an approval from APA is required.

3

Depending on your proposed works and the potential risk to the pipeline, further information may be required to complete an assessment of the works proposed.

4

Once it has been confirmed that the proposed works can be carried out, a written authorisation will be issued that contains conditions for works that must be adhered to. This may include a requirement for APA to supervise the works.

**Prior approval is required under relevant legislation for works on the pipeline easement.**



## Suspect a gas pipeline leak?

Call the Emergency freecall number 1800 017 000 OR dial 000.

### Emergency information

If you know or suspect a gas pipeline is leaking or damaged leave the area immediately. Do not create sparks by:

- Using your vehicle.
- Using your mobile phone.
- Using your camera.
- Using matches or lighters.
- Smoking cigarettes in the area.

### Signs that a pipeline is leaking or damaged include

- A hissing or roaring sound.
- Bubbling water.
- Any unusual odour.
- Dead or discoloured vegetation in an otherwise green location.
- Soil discolouration.



## Dial Before You Dig



Contact Dial Before You Dig to advise APA of your planned works and commence the approval process for your project.

**FREECALL: 1100**



**freecall number for pipeline emergencies**  
**1800 017 000**



## General enquiries



Contact APA for any enquiries about working on or near the gas pipeline corridor.

**1800 103 452**

[apaprotection@apa.com.au](mailto:apaprotection@apa.com.au)



For more info and to view our pipeline awareness video, visit:

[apa.com.au/IPP-tt-link](http://apa.com.au/IPP-tt-link)



# Toolbox talk attendance sheet – APA high pressure gas pipelines

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**Comments:**

If you have any feedback, questions, or wish to provide a copy of this completed attendance form, please email it to [apaprotection@apa.com.au](mailto:apaprotection@apa.com.au)

**Facilitator details:**

<b>Name</b>	
<b>Title</b>	
<b>Signature</b>	
<b>Date</b>	



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