

FAQs for PNG

1. What is Natural Gas (NG)?

Natural gas means gas obtained from bore-holes and consisting primarily of hydrocarbons and includes

- i. Gas in liquid state, namely, liquefied natural gas and degasified liquefied natural gas
- ii. Compressed natural gas
- iii. Gas imported through transnational pipe lines, including CNG or liquefied natural gas
- iv. Gas recovered from gas hydrates as natural gas
- v. Methane obtained from coal seams, namely, coal bed methane, but does not include helium occurring in association with such hydrocarbons

2. What is PNG?

Piped Natural Gas (PNG) is natural gas consisting primarily of Methane gas (CH₄) and other higher hydrocarbons in small percentage. It is supplied subsequently through carbon Steel (CS), polyethylene (PE), and Galvanized iron (GI) pipes to cater to the natural gas demand of customers in various segments like Domestic / Commercial & Non - Commercial / Industrial.

3. What is the difference between PNG and LPG?

PNG is Piped Natural Gas whereas LPG is Liquefied Petroleum Gas. LPG consists of mainly Propane and Butane and as name suggests it is supplied in liquid form in cylinders whereas PNG is mainly Methane supplied through a gas pipeline.

4. What are the advantages of PNG (Piped Natural Gas)?

- i. Readily Available - Once a connection is established, PNG will be continuously supplied to our home through a gas pipeline. PNG can be accessed whenever needed by just turning on the knob for gas stove or geyser.
- ii. Constant and Reliable Supply (24*7) - PNG is delivered to homes round the clock, every day of the year. There's no need to store PNG, as it is supplied through pipeline like water.
- iii. No Booking Hassles - With a PNG connection, there's no need to book gas or wait till delivery. The gas is available instantly through the pipelines, 24/7.

- iv. Highly Reliable - PNG is metered similar to electricity, thereby ensuring accurate measurement, and eliminating the risk of tampering or pilferage.
- v. Space-Efficient and Clutter-Free- PNG is delivered via a small diameter pipeline, which takes up minimal space once installed.
- vi. Environment friendly: PNG is environmentally friendly as it has relatively lower carbon content (around 95 % methane i.e. CH₄).
- vii. Safety valves and Pressure Regulators are installed on pipelines at certain intervals for safety purposes. These pipelines have control and inspection devices to regulate the flow in the pipeline.

5. Is PNG safe?

Yes, PNG is absolutely safe as Natural Gas (NG) is lighter than air. In case of a leakage, the gas will rise & disperse into surrounding air with adequate ventilation.