

Working Near Pipeline

PIL has laid underground pipeline for transportation of natural gas from Gadimoga (near Kakinada) in Andhra Pradesh to Bharuch in Gujarat state. Though the transportation of natural gas through underground pipeline is safest, economical, and reliable mode of transport as compared to road, rail and water transportation, the unauthorised activities undertaken by landowner and habitants near the pipeline may lead to pipeline damage and major consequences. Therefore, habitants near the pipeline play a major role in averting the pipeline incidents thereby ensuring their own safety as well as of others. Company has regularly been organising the Public Awareness Programs for land owners, farmers, villagers, revenue department, administrative dept., Fire Services etc. covering following information about the product being transported through pipeline.

Natural Gas is lighter than air and rises upwards and diffuses faster when released in air. It is also colourless, odourless, non-toxic, non-poisonous and highly flammable in nature

You can approximately locate the underground pipeline by:

Seeing the warning signs, ROU markers and aerial markers posted at regular intervals along the length of pipeline in RoU. Markers indicate approximate location of the pipeline along the route. Markers are placed at all locations wherever pipeline intersects major road, highway, railway, canal, nallah, foreign pipelines and are placed at every one-kilometre distance along the pipeline route. Warning signs display the product transported in the pipeline, Operators Name, and One-Call Number to enable public to call in the event of emergency or whenever unauthorised activity is being carried out in pipeline RoU.

-Right of Use for the Pipeline:

The pipeline is installed within a strip of land, 30 meters wide, referred as a Right of Use (RoU). PIL has acquired RoU of the said land for ~~the~~ construction, operation and maintenance of pipeline under the provision of Petroleum and Minerals Pipelines (Acquisition of Right of User in Land) Act 1962 (PMP Act). The ownership of the land remains with the landowners for performing the intended activities

Pipeline Access and Security

As per the provision of the Petroleum and Mineral Pipelines (Acquisition of right of user in land) Act, 1962 (PMP Act) all landowners have been communicated and are obliged to keep the pipeline RoU free of structures, deep rooted trees, wells and tube wells and other permanent obstructions to facilitate accessing the pipeline for routine patrolling as well as repairs and maintenance to monitor and ensure healthiness of pipeline..

Pipeline signs and markers do not indicate the exact location of pipeline or RoU. PIL is always ready to help you in locating the pipeline with modern gadgets. Always call on **(0884) 6677194 / 195**, (022) – 44784478 or Toll-Free No. 1800-103-3399 before you dig.

Locating the Pipeline

For safety reasons, our pipeline is buried in RoU except at the Mainline Valve Stations, Metering & Regulating Stations, and Compressor Stations. To identify the pipeline, you may use line markers to identify approximate location along the route. Warning markers are also installed on both the sides of, highways, railway crossings, Canals, rivers etc. where pipeline intersects. Warning markers are installed at every one-kilometre distance along the pipeline route. Warning markers display the material transported in the line, the name of the pipeline operator, and a toll-free telephone number where PIL can be reached in the event of an emergency.

Warning markers do not provide information on the depth and exact position of the pipeline. Pipelines may not follow a straight path between markers. Look for following signs:

- Warning markers near roads crossings, railroads and along pipeline RoU and on the pipeline itself.
- Aerial markers
- RoU boundary markers

Familiarize yourself with pipeline markers on or near your property. If you knock over a marker or if you find markers are missing please call us so that we can replace it. If you would like to install more pipeline markers on your property, give us a call.

In case of an emergency, **(0884) 6677194 / 195**, (022) – 44784478 or Toll-Free No. 1800-103-3399. Even minor dents, chips or scrapes to the pipeline are serious and may cause future leaks if they are not repaired.

Excavation

If you are a landowner and need to undertake any digging/ excavation work within ROU or near pipeline, directly through yourself or through any agency, your help is solicited by informing PIL beforehand to prevent any damage to the pipeline. PIL is always ready to help you in locating the pipeline with modern gadgets viz. pipeline locator and GPRS handheld meters etc.

Please call **(0884) 6677194 / 195**, (022) – 44784478 or Toll-Free No. 1800-103-3399., before you dig. Taking the time to call before you dig ensures your safety by preventing incident and injuries.

What to Do if you are digging and disturb a pipeline

If you cause minor damage to the pipeline, notify PIL immediately. A gouge, scrape, dent or crease to the pipe or coating may cause a future break or leak. It will help us to take proactive actions to rectify the damage.

DO NOT attempt to make the repairs to the line yourself. Call on PIL's Emergency Contact number **(0884) 6677194 / 195**, (022) – 44784478 or Toll-Free No. 1800-103-3399.

Recognising Leaks

How do You Recognize a Leak?

Leaks from pipelines are rare, but you must also know how to identify a leak and what to do in the unlikely event of leak. Your senses of sight, hearing and smell are the best ways to recognize a pipeline leak.

LOOK for

- Bubbling in wet or flooded areas
- Flames coming from the ground or an exposed pipeline valve
- A slight mist of ice or frozen area on the pipeline
- Dirt, dust or water being blown or appearing to be thrown in the air
- Too many flies/ insect /Fungi on ROU or equipment

SMELL

- Though the Natural Gas is odourless, the scent of gas or petroleum may be present

LISTEN

- An unusual hissing or roaring noise coming from the pipeline.
- A “bubbling” sound.

Note: These signs may not all occur at the same time. Exposure to high concentration of natural gas can cause eye irritation, coughing, sneezing, and overall respiratory discomfort.

If you suspect a leak, DO the following:

- Leave the area immediately. Walk 90 deg.to the wind direction, away from leak source.
- Do not touch, breathe or contact leaking gases.
- Do not light a match, start an engine, use a telephone (including a cell phone), turn light switches on/off or do anything that may create a spark.
- Turn off any lit gas pilot lights if immediately accessible.
- Turn off any machinery and equipment;
- Divert the vehicular traffic
- Do not drive into a leak or vapor cloud;

Immediately call (24x7) Land Line:- 02235018010/ 02235018011/8591749280 / 8591749281 or Emergency No: 022-35018016 and give your name, phone number and a description of the leak and its location.