



## About Us

Originating from Nagpur, Manas Agro Industries & Infrastructure Ltd. (Purti Gas) brings to you exceptional energy in the form of LPG. We cater to industries, commercial establishments and domestic consumers who use non-subsidized fuel for their households. Purti Gas adds value by bringing the 'Metropolitan' superiority fuel for consumers, both urban and rural.

## Our Expertise

Purti Gas a brand launched by energy specialists, boasts of a higher percentage of 'Propane' compared to other brands in the market. Other benefits of using Purti Gas are:

- High energy content in the same volume of gas.
- Higher rate of vaporization.
- Total product utilization leading to higher profits and greater value.
- Clean burning, No yellow flames, No blackening of vessels, No residues or carbon particles.
- Assures consistent 'Calorific Value' of the fuel. Helps in controlling the time taken for combustion and guarantees reliable production schedules while assuring quality.
- Purti Gas can cater to industry specific needs customized combination of Butane, Iso-Butane and Propane to suit the requirement of the consumer required for processes such as Endogas, Heat Treatment, Fiber Singeing process (even specialized double-jet Osthoff sence). Galvanizing and many others. Purti Gas is not just well equipped to deliver the most desirable and quality product but it also possesses a greater and better understanding of the consumer's requirement.



## Plant & Instrumentation

**Bulk Storage and Handling** - An engineering vision, Purti Gas enjoys a robust plant and implementation. The storage bullets placed at a high base help in conserving power when the cylinders are filled. We have a well developed LPG compressor and a series of pumps dedicated to unloading, blending and bottling with a back-up for any breakdown faced. The electrical system is well laid and the earthing is done with great precaution and at all crucial places. There is an emergency electrical circuit breaker that can be activated from both the pump shed and the cylinder shed. **Cylinder Filling**-We at Purti Gas have a well ventilated cylinder filling shed with calibrated and high capacity equipment that facilitates a turnover of more than 30,000 cylinders in a month. The infrastructure is such that the capacity is flexible enough to accommodate more fillings when required. The exclusivity of the plant is that it has a low turn-around time compared to a conventional bottling plant. This helps us to work with a limited floor stock leading to huge savings of the investments made by our clients.

## Facilities

**High Storage Capacity** - Purti Gas has a total storage of 100 MT storage capacity of Propane and LPG, with two Propane and LPG bullets of 25 MT each. It has a storage capacity that is beyond comparison to the others in the Indian market. Purti Gas also has a license for blending that makes it one of a kind.



## Exceptional Logistics

Purti Gas plant has two loading and unloading bays, which is rarely found anywhere in the Parallel Market or even many PSU plants. This grants it an advantage of handling bulk as well as packed cylinder loads with ease and without a lapse. The feed lines and deliveries have a fleet of Propane and bulk tankers to take care of the logistic arrangements. We also have our very own trucks on contract that are dedicated to the transportation of packed cylinders. An excellent and efficient logistic facility helps in creating a satisfied consumer base.



## Equipment & Personnel

Our 8 weighing scale pneumatic filling machines with automatic batch controllers, an accurate electronic weighing scale, pneumatic leak test rig and vacuum based evacuation rig, valve testing machine and sealing machine ensures ceaseless operations. The staff at Purti Gas is well trained and has been provided with practical and hands-on training to handle various operations and follow the Standard Operating Procedures (SOPs). Honed skills and a well molded attitude helps them in creating a shop floor that is at par with international standards.

## Quality Control

Purti Gas has stringent norms for quality control. Every consignment gets checked at various levels for pressure, temperature and density. The internal ratings are tallied with the test certificates. We have a state-of-the-art testing laboratory which gives a precise product qualification. The Gas Chromatograph an instrument used for examining a sample of Hydrocarbon for its various constituents is used for analyzing samples of incoming as well as blended products. The Pressure Temperature Apparatus helps in chemical analysis and interpretation of the 'pressure graphs' that in turn helps in keeping a tab on unsaturated and undesirable polymers in the bulk and packed products.

## The Company Asset

A company is usually known by the people associated with the company. Purti Gas takes pride in being associated with managers and employees who have an in-depth knowledge and the required background and experience in the field of LPG, bottling, blending and dealing with gaseous fuels. The team at Purti Gas is an exceptional combination of youthful, experienced, knowledgeable, educated and hard-working people with high morals with belief in high quality and delivery standards.

## Health, Safety & Environment

Purti Gas aspires to maintain high standards with respect to the HSE and adhere to the best practices of the industry followed worldwide. We at Purti Gas not only promote LPG and the thought of a clean and green environment, but we also follow environmental protection norms at our plant and in our operations. We have installed various systems and procedures to ensure adherence to the HSE norms.

- Installation of water traps to avoid LPG spillovers. The first of its kind in India.
- Installation of emergency cut-off system for remote electrical shut off.
- Provision for a ventilated space in the filling shed and operational area.
- Rubber mats and sheets laid on the floor to avoid static build-up of spark due to friction caused by the cylinder metal.
- Installation of an earth grid for earthing of equipment and static discharge.

## Range of Products

**Commercial and Industrial Sector:** Purti Gas offers packed cylinders in sizes of 6 Kg, 17 Kg, 21 Kg and 33 Kg for the commercial and industrial sector.

## Domestic Consumers

Purti Gas offers two variants for domestic market viz. packed cylinders of 6 kg., 17 Kg. and 33 kg. Purti Gas can offer a complete solution for Pipeline (reticulated) gas for apartments.



**LPG - the Exceptional Energy**

What makes LPG an exceptional energy? Here are the salient features:

- Liquefiable at normal temperatures (unlike fuels like CNG that cannot be liquefied making it impossible for transportation)
- Filling and storage pressure is lower - about 4 Bars (lower risk) compared to CNG - about 220 bars (HIGH RISK)
- Possesses high calorific value - 11800 KCal/Kg, which is higher than any comparable fuel
- Ease of installation of facilities (and easy on pocket too) compared to any other fuel in the segment
- Wide availability



MSHA Rating No. 2



**"National Progress Through Rural Progress"**

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AGRO INDUSTRIES & INFRASTRUCTURE LTD.