



INDIANOIL PETRONAS PRIVATE LIMITED

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Energy Efficient,  
Safe &  
Environment  
Friendly



**PROPEL 425**

The New  
**'ENERGY KID'**  
On The Block

## We Are... INDIANOIL PETRONAS PRIVATE LIMITED (IPPL)

INDIANOIL PETRONAS PRIVATE LIMITED, or, IPPL... A joint venture between two FORTUNE 500® energy majors... Indian Oil Corporation Limited (IOCL) and Petroliaam Nasional Berhad (PETRONAS), Malaysia, the national oil company of Malaysia.

We operate two fully-automated terminals at Ennore (Tamil Nadu) and Haldia (West Bengal). With a cumulative throughput capacity of around 71,500 MT (Ennore: 32,600 MT; Haldia: 38,900 MT) of Propane, Butane, Auto LPG and PSU-quality Auto LPG. Today, we are 'Leading Parallel Marketer' of Propane/Butane/LPG in India, having a rating of "I" (Good).

At IPPL, ever since our inception, we have operated with the silos of 'excellence in quality', 'service first', 'transparency', and 'customer satisfaction'. This has led to the creation of our wide range of tailor-made products and helped enhance our goal of providing quality with a capital 'Q'.





## We Offer... Liquefied Petroleum Gas (LPG)

Liquefied Petroleum Gas, in short, LPG is flammable mixture of hydrocarbon gases. LPG is made during natural gas processing and oil refining.

Presently LPG is used as fuel in heating appliances, cooking equipment, and vehicles. It is also fast gaining popularity as an aerosol propellant and a refrigerant, replacing chlorofluorocarbons in an effort to reduce damage to the ozone layer. The gas, when specifically used as a vehicle fuel is often referred to as autogas.

### LPG: Key Less-known Facts

- LPG primarily consists of Propane ( $C_3H_8$ ) and Butane ( $C_4H_{10}$ )
- LPG is a by-product
- LPG is a low-carbon fuel
- LPG produces limited particulate matter
- The boiling point of LPG ranges from  $-23^{\circ}C$  to  $0^{\circ}C$  depending on mixture
- It is a versatile gas that can be used in over a thousand different applications
- LPG has no impact on soil, water and underground aquifers
- LPG is stored as liquid under pressure
- LPG is a cleaner energy
- LPG is a mobile energy, can be used wherever needed
- LPG is just as safe as any other fuel



## LPG... In The Industrial Segment

LPG supports a wide range of industrial processes and services, especially in places where a high degree of precision and flexibility in process temperature, as well as a strong flame is required.

### LPG: Popular Industrial Applications

Industry Type	Applications
Aerosols	Propellant
Brick	Cooling, Drying, Water heating
Chemical, Rubber, Plastic	Drying, Expanded Polystyrene Foam (EPF) manufacturing, Furnace and Machinery heating, Chemical Feedstock, Melting, Steam generation, Warm Up and Glow, Water heating
Concrete	Drying, Furnace and machinery heating, Igniting and Thawing
Construction	Concrete curing, Cooling, Drying, Furnace and Machinery heating, Igniting and Thawing, Melting, Soldering, Welding, Flame cutting, Steam generation, Water heating
Food	Baking, Cooking, Drying, Furnace and Machinery heating, Rodent control, Steam generation, Water heating
Glass/Ceramic	Cooling, Drying, Water heating
General	Air conditioning, Automotive fuel, Cleaning, Cooling, Drying, Fork lift trucks powering, Indoor Heating, Power generation, Waste management, Water heating
Leather	Drying, Igniting and Thawing, Steam generation, Water heating
Metal	Drying, Furnace and machinery heating, Igniting and Thawing, Melting, Moulding, Soldering, Welding, Flame cutting, Steam generation, Water heating
Mining	Automotive Fuel, Cooking Indoor, Engine fuel, Heating, Lighting, Power/Electricity generation, Water heating
Paper	Drying, Igniting and Thawing, Steam generation, Water heating
Power	Cooling, Power/Electricity generation, Steam generation, Water heating
Recycling	Drying, Furnace and machinery heating, Igniting and Thawing, Soldering, Welding, Flame cutting
Road Asphaltting	Drying, Furnace and Hot Mix Plant
Textile	Drying, Steam generation, Water heating
Traffic & Railway Construction	Cooking outdoor, Cooling, Heating, Igniting, Power/Electricity generation, Soldering, Welding, Steam Generation



# 425 PROPEL LP Gas

At IPPL, we market our 425 Kg cylinders of LPG as 425 Propel LP Gas. 425 Propel LP Gas has been carefully designed with high focus on safety and customer satisfaction.

## Advantages of Propel LP Gas

### Efficiency

LPG's Calorific Value is the highest amongst other conventional fuels with High Co-efficient of Combustion.

### Uninterrupted supply

Propel LP Gas cylinders are designed to supply uninterrupted LPG at constant pressure.

### product loss

The combo valve is equipped with both Liquid and Vapour withdrawal port. This allows complete withdrawal of not only liquid but also vapour, thus minimising the residual gas effect.

### Space saving

425 Propel LP Gas facility is the ideal solution where shortage of space, high consumption and installation of Bulk LPG tank is not possible

### Convenience & Safety

Absolutely safe, products conform to IS standard and PESO norms. Installation is designed in line with safety norms of Oil Industry Safety Directorate Standard 162. It is convenient for a wide range of applications across several industries

### Savings

Cleaner, thermal-efficient fuel with tamper-proof sealing, assuring quality and quantity, gives increased savings to consumers

### Eco-Friendly Combustion of LPG Causes

- Smokeless
- Zero Sulphur emissions
- Zero emission of poisonous gases
- No soot
- No unburnt carbon particles

### Cylinder Handling

Higher capacity of 425 Kg reduces the hazards of dealing multiple cylinders of lower capacity along with decreasing connections for reticulated systems

### Low Investment

The capital expenditure involved to use Propel LP Gas is less compared to bulk LPG

### Easy Accessibility

Propel LP Gas is available easily



## We Offer

### Installation

Supply and Erection of all Mechanical/Electrical equipment is undertaken through approved installers

### Land & Civil Works

All drawings required for installation as per standards and specific to the site conditions

### Commissioning

Commissioning of the entire facility and trial runs

### Training

Customer orientation on safe operation of installation and response to emergencies

### Supply & Logistics

Uninterrupted supply of LPG to customers via dedicated fleet

### Quality

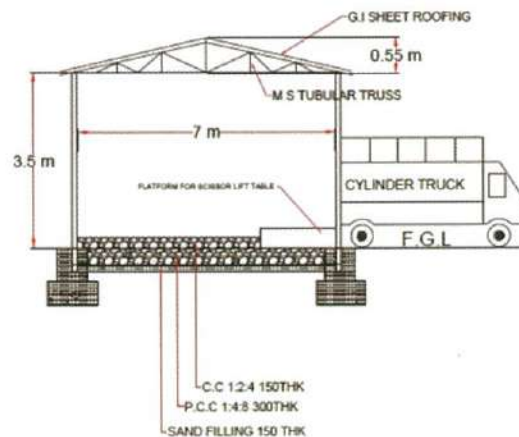
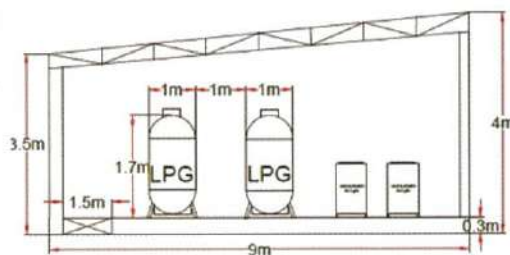
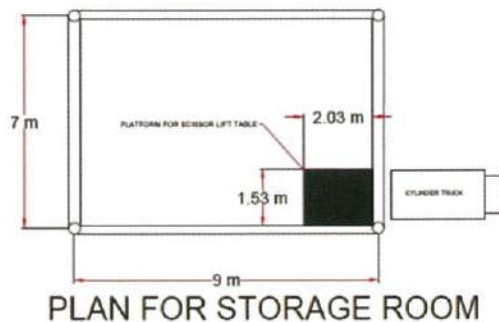
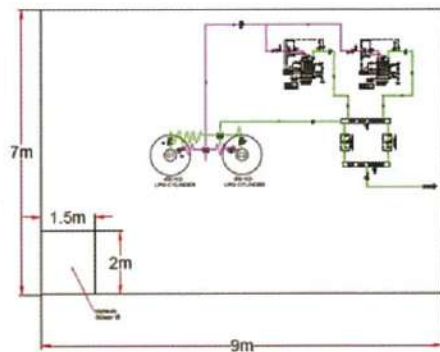
LPPL ensures procurement and supply of high quality LPG to customers



### A 'typical' PROPEL LP Gas facility

- 990 litre containers: Two (1 active and 1 standby)
- LPG Vaporisers x 2
- Pressure Regulators
- Gas Leak Detection System
- Fire Fighting System
- Inter-connecting Piping
- Other allied facilities

Each Propel facility is customised  
to meet client requirement



FRONT VIEW

## INDIANOIL PETRONAS... Emerging. Leveraging.

- IPPL provides terminalling services to IOCL HPCL and BPCL at its two terminals in Haldia and Ennore
- We handle around 33% of the total LPG import of the country
- We were granted approval by the Ministry of Petroleum & Natural Gas to manufacture Auto Grade LPG (IS 14861) in November 2014
- We have Auto LPG Stations across Karnataka, Tamil Nadu and West Bengal
- We are capable of manufacturing a wide spectrum of products, tailor-made to suit the requirements of our customers
- We are a vibrant, dynamic, burgeoning organisation that provides value-for-money Products and Services at par with International Standards

## Uniqueness... Innovating. Maximising.

What accelerates IPPL's fruitful journey and gives a strong competitive advantage?

### Quality Assurance

Import Propane/Butane from one Import location, maintaining consistency in compositions, at par with products from Fractionator Quality Control Doctrine in accordance with IS4576:1999 ensures control of various parameters at different stages

Obtained ISO/IEC 17025 accreditation from National Accreditation Board for Testing and Calibration (NABL) for Lab

### IPPL's Tested In-house (NABL accredited) Lab Facility

Gas Chromatograph for Hydrocarbon analysis and determination of Total Volatile Sulphur

Constant Temperature Bath for determination

of Vapour Pressure @ 40°C

Copper Strip Corrosion Test

Density and Evaporation Test

### IPPL's Customised Online Blending System

Multiple blending streams to supply tailor-made products of Propene/Butane/LPG that suit customer requirements

Supply of non-odorised Propane/Butane/LPG as per IS 4576:1999

### IPPL's Dedicated Transportation Fleet

Delivered supply on request

Each supplied under: Sealed Condition • Quality Certified • Insured Product and Public Liability

### IPPL's Uninterrupted Supply System

Annual supply contract arrangement

### IPPL's Transparent Price Mechanism

Market-driven Pricing-based on procurement costing

Saudi CP-linked Pricing-based on Current Month CP or Previous Month CP for long-term supply arrangement

## Customer Care... Promising. Delivering.

IPPL provides best returns as the most cost-effective LPG solutions company with ease of accessibility through:

### Apex Management

Small, compact and efficient • Always available to the customers

• Solves problems, if any, ensuring customer satisfaction and delivery of loads even at odd hours

### Customer Support Cell

A dedicated Customer Service Division assures easy dispatch of products • Ensures smooth and easy telecom transactions • Marketing Associates maintain close liaison with nation-wide customers

### Technical Knowledge Back-up

Provides energy and safety information to customers • Assures optimisations of consumption of Propane/Butane/LPG

### Commercial Flexibility

**Sale against credit** - Credit facilities are provided whereby customers enter into a sale-purchase agreement against collaterals like Bank Guarantee/LC, etc.

**Advance payments** - Loads are dispatched on transfer of funds into bank accounts of IPPL

## Customers' Opinion

Propane for Steel Melting Shop is of high quality.

Jayaswals Neco Ltd., Raipur

We are happy with your commitment towards on time delivery of LPG to our plant.

St. Gobain, Sriperumpudur

LPG with 5 ppm Sulphur used in continuous carburising process has replaced LPG procured from fractionators.

TML, Jamshedpur

Un-odorised Butane used in aerosol canisters is of superior quality.

Vanesa Herbal Pvt. Ltd., Sirmour

Propane used in our galvanising furnace has been found to meet all our quality requirements.

Bhushan Limited, Dankuni

Butane used for Expansion of Polyethylene has been found to add an enhanced value to our products.

The Supreme Industries Ltd., Malanpur, Hosur

LPG used for controlled atmosphere gas carburising has been found to be satisfactory without any quality issues.

Tmken India Ltd., Jamshedpur

## We Cater To...

Today our products reach out to millions across the nation. We also meet the dedicated needs of Public Sector as well as Private Sector leaders.



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