



AXIOM
GAS ENGINEERING
Private Limited

Corporate
Profile





Overview

AXIOM Gas Engineering Private Limited (AGEPL) renowned ISO 9001:2008 accredited Privately Owned Company, is an approved Operator and Installer for Auto LPG Dispensing Station regulated under SMPV (U) Rules, 1981 and Parallel Marketer of LPG Pack Cylinder by PESO, Government of India. AGEPL is the most trusted and sought after Engineering, Procurement, Construction, Operations & Maintenance and Project Management company for LPG, CNG and other hydro-carbon. AGEPL has consistently delivered projects, providing value-added engineering, construction and service skills to customers for whom the quality of execution, efficiency and reliability are critical.

Quality Policy

We, at AGEPL, are committed to constantly provide competitive, reliable, safe, innovative, timely and up to date technical solutions to our customer needs, contract specifications and as per the Statutory & Regulatory requirements applicable in the region. We are committed to the quality of products and services with high standards of technology use.

While we are proud of our achievements we look forward to a worldwide market for our world-class products and services.

Our goal is to have a world-class modern enterprise with diversified business activities. It is our philosophy to deliver our products and services to National and International standards. The management and employees are committed to achieve this through well-planned quality measures.

Our Company is primarily a technology driven and strongly believes in continuous improvements in the process approach in pace with time and technology.

Vision

To be a premier global technical service provider in the field of Gas & Hydrocarbon Engineering Solutions and become a leading & reference company for clean and efficient energy for public and private transport in India by committing ourselves to innovation and excellence, to do even better and to grow – in size, domain, goodwill and credibility.

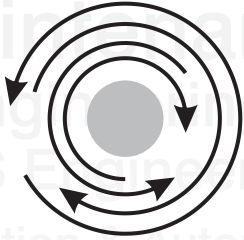
Mission

To work towards the development of Green Energy Engineering solutions in Retail & Industrial sector with the objective to contribute towards well-being of the people and the nation.



ENGINEERING, PROCUREMENT & PROJECT (EPC)

Core Activities



- Gas Engineering
- Pipe Engineering
- Turnkey Services provider for LPG Retail Outlet, LPG Bottling & Bulk installation, LPG for Industrial and Commercial use.
- Statutory Testing and Certification under SMPV, BIS, ASME and other interenational standard.
- Technical consultancy on end to end hydrocarbon equipments and installation
- Maintenance, Operation and Training.
- Manufacturing of pressure vessel.
- Petroleum Retail Automation and IT system support
- Gas Equipment desgining, manufacturing and installation
- Customised Retail Automation
- Bobtail and Tank truck manufacturing for LPG, other Fuels, Petrochemical and Chemical.

Achievements:

- AGEPL has unique distinction of establishing first ever projects in almost all major categories of LPG.
- AGEPL has accomplished more than 10 state of art LPG AutoGas skid mounted facility on turnkey basis for Client in Nigeria.
- AGEPL has also accomplished Auto LPG Dispensing Station projects on turnkey basis for BPCL and Leader Gas.
- AGEPL has accomplished Statutory Tank testing activity for the entire network of 130 ALDS of Reliance Industries Limited.
- AGEPL has also accomplished Auto LPG Retail automation project for CPIL.
- AGEPL is the supplier of Automation and Control System to Waaree.
- AGEPL is executing its own first state of art LPG Dispensing station on fully Automation mode at Tadbund, Hyderabad.
- AGEPL is executing its own first state of art LPG Bottling Plant and Bulk LPG Storage facility on fully Automation mode near Hyderabad.



R&D

Research and Development

AGEPL has dedicated professional members who are continuously working on innovation and development according to the prevailing energy scenario in the country, and also developing our team skills and knowledge to serve the customer with advance technologies considering reliability and economics.

Turnkey Projects

AGEPL has all the capabilities to take up turnkey projects from basic design to commissioning and if called for project management as well, including Procurement, Engineering, Workshop Fabrication, Transportation, Civil Works Co-ordination, Erection, Testing and Commissioning onsite offered by AGEPL. Capabilities of the company are mainly concentrated on LPG, CNG and other Hydrocarbon related projects, Services and Supplies.



Design, Engineering, Installation & Commissioning

- Auto Gas Refueling Stations
- LPG Bottling Plants
- Centralized Piped Gas LPG/NG Distribution Systems
- LPG Filtration Columns and Aerosol Filling System
- Piped Gas Distribution Systems / Township Gas Network.
- Gas Pressure Reducing Stations and Metering Stations
- De-odorizing Plants for odorized Gas
- Natural Gas Optimizing System
- Fire Alarm, Detection & Control Technologies.
- MS/Diesel Fuel Stations

Equipment we Supplies

- LPG Bulk supply
- LPG Bob-tails, semi-trailers, Tankers & Delivery vehicles
- Gas/Liquid Fuel storage tanks
- LPG Vaporizers
- Gas Regulators, valves, controls etc
- Gas compressors and pumps
- All gas related equipment

ENERGY SOLUTIONS



A. Project Services

- i. Primary LPG installations: The primary installation consists of the entire LPG storage system and consists of Liquid Off-Take (LOT) cylinder manifold.
- ii. Secondary LPG installations: The secondary system consists of equipment other than the manifold system which is installed outside the shed and the yard.

B. Maintenance Services

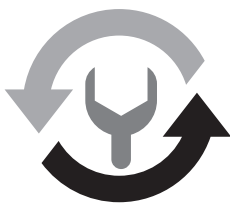
- i. Preventive maintenance: the maintenance of equipment or systems before the fault occurs. It involves inspection, detection and correction of incipient fault.
- ii. Breakdown maintenance: repairs or replacement after a machine has failed following a malfunction.



C. Conventional Assistant

Axiom Gas Engineering Pvt. Ltd. helps you to convert other conventional fuels to LPG. Our team of experts with vast LPG experience will facilitate the process of conversion and provide an Efficient Energy Solution. We would be happy to assist you in choosing the right combustion system, appropriate controls and equipment, as the case may be. We are extremely conscious of safety of both our and our customer's personnel and other assets. Our advice on conversion assistance therefore meets minimum safety standards.

- System Design & Engineering: Axiom Gas Engineering Pvt. Ltd. designs suitable LPG storage systems considering safety and good engineering practices to meet your energy needs and in accordance with appropriate rules and standards.
- LPG Storage System on Build-Own-Maintain (B.O.M) Basis: Axiom Gas Engineering Pvt. Ltd. provides the LPG storage system on Build-Own-Maintain (B.O.M) basis. Investment in the appropriate LPG storage system is made based on the customer's LPG requirement.
- Maintenance of Storage System: Axiom Gas Engineering Pvt. Ltd. directly and/or through its representatives undertake both preventive & breakdown maintenance of the LPG storage system in accordance with the applicable rules & standards and best industry practices.
- LPG up to Point of Consumption: Axiom Gas Engineering Pvt. Ltd. also undertakes complete LPG pipeline contracts on turnkey basis from the storage or safety area up to the combustion. The scope of work includes the complete design, engineering, procurement, erection and testing of the LPG pipelines.
- Training: Axiom Gas Engineering Pvt. Ltd. provides training to customer's personnel on safety, operation and maintenance of the LPG storage system. Such training is imparted both on site and classroom for the customer and its nominees.



AUTO LPG DISPENSING STATIONS (ALDS)

PrimeFuel present here the World's leading automotive fuel Auto LPG, in its purest form backed by a company that sources and delivers it, and brings to you warm services at its dispensing stations. PrimeFuel gives optimum mileage with driving pleasure for every refill at an economical price.

The World over Auto LPG has been used in vehicle safely from years. PrimeFuel is committed for quality and quantity; safety is integrated at every stage from sourcing to delivery for our customers. PrimeFuel Auto LPG conforms to IS:14861 standards.

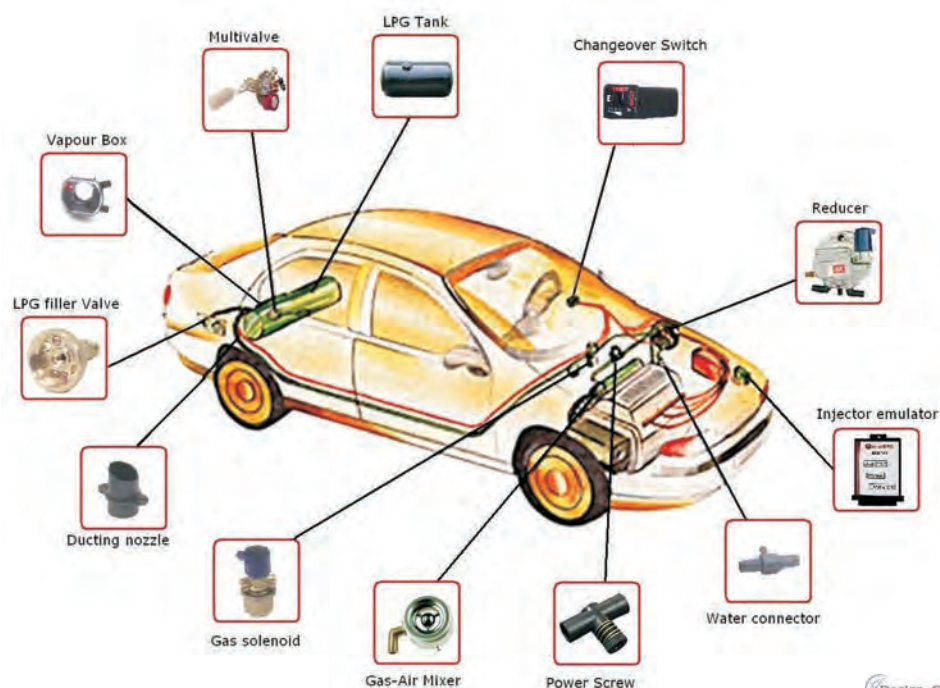


PrimeFuel benefits to its customers:

- Clean and efficient combustion, High Octane and Environment friendly.
- Running cost is up to 60% that of petrol.
- Cannot be adulterated.
- It's near complete burning reduces contamination of lubricants and extend life of engine oil.
- LPG has low exhaust emission and hence does not pollute earth's ozone layer.
- Life of engine is extended as a result of absence of acids and carbon deposits.

IS AUTO LPG SAFE?

- Auto LPG have lowest flammability range and higher ignition temperature than Petrol/Diesel.
- 15 million vehicles on the road worldwide- Auto LPG's safety record is better than Petrol/Diesel.
- LPG is pressurized as 5-7 bars as against 200 bars for CNG, which makes it safe and conventional fuel.
- Inherent safeties of Auto LPG are: the structural integrity of the auto LPG fuel system and the physical qualities of auto LPG as a fuel.
- Auto LPG tanks are 20 times more puncture resistant and will survive much greater impacts than a typical petrol tank.
- In accident situations, tank and associated pipes are protected with multiple safety devices to prevent and control the escape of Auto LPG should a pipe be damaged.
- In case of fire, the auto LPG tank is designed to control its pressure via a pressure relief valve saving the tank from rupturing.
- Advanced multifunction valves fitted to the tank ensure automatic cut-off while filling, emergency shut off, pressure relief in case of pressure build-up, etc.
- Dutch research institute TNO concluded that safety of modern auto LPG vehicles is in fact better than petrol vehicles.
- Belgian research organization DNV demonstrated that the risk of tank rupture is higher with gasoline than with Auto LPG.





DOMESTIC, COMMERCIAL & INDUSTRIAL LPG

DOMESTIC & COMMERCIAL APPLICATIONS :

LPG is one of the most Cost Effective, Clean, Safe and Environment friendly fuel. All Commercial concern like Hotels, Restaurants, Caterers, Resorts, Clubs, Cafes, Canteens, etc and other Hospitals and Bakers prefer PrimeGas because of its Quality, Quantity and Services.

PrimeGas superior quality meets all the domestic & commercial LPG Energy needs. It is not only restricted up to cooking but also used in various other applications.



Cooking

PrimeGas, as a cooking fuel offers various benefits in the form of adaptability, cleanliness, easy availability and is very economical compared to competition.



Water Heater

PrimeGas has established to be a cost effective and best alternative fuel for Water Heating especially in Hotel and Lodging Industries.



Laundry

PrimeGas has been proven to be best alternative fuel in boiler units and Hot water generator which are primarily used in Laundry Facilities of Hospital and Hotels.

INDUSTRIAL APPLICATIONS

LPG is a most cost effective, clean, safe, Environment friendly and efficient energy solution for Industrial requirement like furnaces, kilns, ovens, dryers, boilers, thermic fluid heaters, hot air generators, etc.

PrimeGas have approved in house facilities to provide turnkey solutions for gas installations- cylinder or bulk.

Industry for Possible Applications:

Aerosol

PrimeGas provides CFC free, Non Toxic and efficient propellant formulation for Aerosol Industries for Deo sprays, Perfumes, Household insecticides, etc.



Agriculture:

PrimeGas is most economical and user friendly medium for drying of various agricultural product like Seeds and Pulses, Roasting of Peanuts, Curing of Tobacco, etc., thus providing uniformity and better moisture control for superior quality output.



Auto Ancillary Units:

PrimeGas can be used for Production of Components like engine blocks, gears & transmission parts, spring, alloy wheels and many such parts.



Ceramics:

PrimeGas can be used in kiln and furnace of Ceramic Industry for manufacturing tableware, decorative earth ware, sanitary ware, electrical insulation etc. Decorative firing carried out with PrimeGas, yields a high gloss and surface finish.





Chemicals, Paints, Dyes, Soaps and Detergents:

PrimeGas can be used in chemical industries for heating, roasting and drying of chemicals, dyes and detergents production.



Dairy

PrimeGas can be used in dairy process like heating, cleaning, drying also used in boiler for hot water and thermic fluid heater. PrimeGas helps in maintaining hygiene by clean emission compared to other traditional fuels as dairy industries being sensitive on health and safety of its consumers.



Ferrous and Non-Ferrous Metal

PrimeGas can be used for melting, preheating of ingots/bars, various forms of heat and surface treatment in Ferrous metals such as Iron and alloys of steel and non-ferrous metals such as Aluminium, Copper, Lead, Zinc, etc and their alloys.



Engineering and Fabrications:

PrimeGas can be most cost effective source of energy for engineering and metal fabrication processes for cutting & joining metals like oxy-gas cutting compared to acetylene, and in brazing furnaces compared to diesel.



Foods and Beverages

PrimeGas can be used for baking of breads, cakes, biscuits, wafers and other baked products. Beverage units also use PrimeGas in forklifts, steam generation, heating water for cleaning, etc.



Glass Industries

PrimeGas can be used in glass industries for glass feeders, annealing lairs, glass cutting and fire polishing, melting, etc.



Surface Treatment & Powder Coating Industries

PrimeGas can be used in surface coating process like curing of paint after spray painting, baking of powder coated articles, galvanizing and other protective metal coatings to provide good finish, superior protection and long life to the coated article.



Papers and Packaging

PrimeGas can be used for drying to produce high quality paper sheets, manufacture of corrugated sheets, rolls and boxes. PrimeGas provide radiant heating directly, making it an economic option in comparison to electricity.



Pharmaceuticals

PrimeGas can be used in Pharmaceutical industries which need steam in a variety of processes, without compromising on clean ambience and high environmental standards.



Plastics

PrimeGas can be used for heating in injection moulding and roto moulding process to produce wide variety of plastic articles such as bottles, storage tanks, containers, etc. PrimeGas can be used as an economical forming agent in foam extrusion process to produce use and throw crockery-ware and packing sheets.



Poultry

PrimeGas can be a safe and environment friendly fuel for poultry farms to provide the humid heat necessary for faster and healthier growth of chickens.



Printing

For drying of ink to produce high quality glossy prints for magazines, metal sheets, cans, etc., PrimeGas will be most useful.



Textile

PrimeGas can be used for Singeing (burning off loose yarn for better fabric finish), Calendaring (another finishing process), Drying after printing on fabrics, Steam generation, etc in Textile Industries.



Others

PrimeGas provide energy solution for various industries like Batteries, Blades, Woven & Non-woven sacs, Electrical & Electronics, Consumer Goods, etc. and we are finding more and more.

LPG PACK CYLINDER

Currently our domestic gas agency network is present in the states of Andhra Pradesh. All you need to do is to call our office at the following numbers and ask for Instant Domestic Connection. Our representative from the gas agency will reach your doorstep with the LPG cylinder and regulator.

We recommend ISI marked accessories from the safety and quality point of view.

Very soon we will be launching in

Karnataka

Tamilnadu



PRODUCT OFFERING

LPG predominantly consists of Propane (C3) and Butane (C4). LPG is gaseous at normal ambient i.e. surrounding temperature and atmospheric pressure;

LPG can be stored as liquid at ambient temperatures under moderate pressure (5-6 Kg/Cm²) i.e., 5-6 times of atmospheric pressure which is 1 kg/cm².

LPG meant for domestic / commercial / industrial use and conforms to Indian Standard specification number IS 4576; (This is a standard specification laid down by Bureau of Indian Standard which is a government body.)



Gas Cylinder:

PrimeGas serves a wide range of energy needs from house hold consumption to hotels and industries using gas cylinders of various sizes - 13kg, 21kg and 33kg.



Prime LOT

Prime LOT is a conventional VOT (vapour off-take) and LOT (liquid off-take) manifold systems in many ways. It's an economical mechanism for higher LPG consumption especially in small scale industries and ancillaries.



Forklift LPG

Forklift Trucks (FLT) have become an integral part of the manufacturing and service sectors as many industries require movement of goods and materials both inside and outside the factory. Forklift LPG from PrimeFuel can improve your business performance through better environment and can bring significant benefits in FLT operation.



Bulk

PrimeGas serves the needs of large energy consumers in industries and big commercial establishments through Bulk LPG supplies along with complete engineering solution.



Auto LPG

AutoLPG under our brand name of PrimeFuel has been launched as a clean and economical automotive fuel in various parts of the country.

Contact us to optimize your fuel cost

AXIOM GAS ENGINEERING PVT. LTD.

AN ISO 9001 : 2008 COMPANY

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