Production of Fiberglass Transparent LPG Cylinders
Growing & Best Industry for Starting a Business

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A gas cylinder may be a pressure vessel for storage and containment of gases at above atmospheric pressure. High-pressure gas cylinders also are called bottles. Inside the cylinder the stored contents could also be in a very state of gas, vapor over liquid, supercritical fluid, or dissolved during a substrate material, counting on the physical characteristics of the contents. A typical gas cylinder design is elongated, standing upright on a flattened bottom end, with the valve and fitting at the highest for connecting to the receiving apparatus.

Related Project: - [Transparent Lpg Cylinder From Fiber Glass](#)
A new generation of Composite Cylinders for filling LPG and has gained huge interest and appreciation across the world because of its various striking features. These cylinders are almost half the weight of metal cylinders and are available with specially designed handle rings that provide a firm grip.

Lack of infrastructure for distribution of LPG is that the primary reason for the growing popularity of LPG cylinders. Most of the countries which have inadequate gas resources, prefer LPG cylinders over piped LPG, as LPG is first liquefied before transporting then liquefied LPG is again converted to gaseous form, which increases the general cost of the LPG to the country.

Related Project: - Transparent Lpg Cylinder From Fiber Glass
### Benefits

- Explosion Proof
- Light Weight
- Translucent Visibility
- Elegant Design
- Easy Regulator Fitting
- Handle For Easy Lift
- Liquid Gas Visibility
- Blast proof Material
- Light Weight
- Non Corrosive Body

**Related Projects:** [Industrial Gases Projects](#)
LPG Gas Cylinder Market: Government Initiatives and Developments

Government initiatives are proving to be a boon for the growth of the LPG gas cylinder market. Throughout the forecast period, the LPG gas cylinder market may garner considerable momentum on the back of the spew of government initiatives that favor the growth of the LPG gas cylinder market. Here are some major developments and initiatives that may play a large role in the accelerated growth of the LPG gas cylinder market.

Related Project: - LPG Cylinders (Domestic and Commercial)
The Government of Kenya recently introduced the Petroleum (Liquefied Petroleum Gas) Regulations, 2019 to curb illegal cylinder refilling operations; this development helps to eliminate growth hindrances across the LPG gas cylinder market.

The Government of India, under the Pradhan Mantri Garib Kalyan Yojana (PMGKY), had announced the distribution of 3 LPG gas cylinders to more than 8 crore beneficiaries of Pradhan Mantri Ujjwala Yojana (PMUY) between April and June, 2020.

Related Project: - Transparent Lpg Cylinder From Fiber Glass
The Asia-Pacific LPG Cylinder Market is predicted to grow at a CAGR of around 5% during forecast period, on account of growing demand for liquefied natural gas because it is touted as an environment friendly alternative to coal, petrol and diesel. As a result, governments across various countries within the region are promoting its use over traditional fuels. Lack of infrastructure for distribution of LPG is that the primary reason for the growing popularity of LPG cylinders. Most of the countries which have inadequate gas resources, prefer LPG cylinders over piped LPG, as LPG is first liquefied before transporting and so liquefied LPG is again converted to gaseous form, which increases the general cost of the LPG to the country. The global LPG cylinder manufacturing market is expected to reach US$ 4.7 Bn by 2026, expanding at a CAGR of 3.6% from 2018 to 2026. Asia Pacific held the highest share in the LPG cylinder manufacturing market in 2017.

Related Project: - Transparent Lpg Cylinder From Fiber Glass
Demand is expected to accelerate with rising disposable income. Rising awareness about the usage of natural fuel by end-users, and emission of minimal pollution through LPG cylinders has triggered the demand for LPG cylinders across the world. LPG may be a clean-burning fuel that produces lower levels of CO2, NO2, and other pollutants as compared to traditional fuels like biomass. Furthermore, LPG helps to improve air quality, reduces the emission of greenhouse gases, and protects the environment. Manufacturers are choosing LPG cylinders to avoid the danger associated with environmental issues, and overcome the toxic pollution caused by the manufacturing sector. Furthermore, progressively changing lifestyle in rural areas together with the rising income of consumers is expected to make a lucrative roadmap for LPG cylinder manufacturing industry trends over the forecast period (2018-2026).

Related Project: - Transparent Lpg Cylinder From Fiber Glass
The LPG gas cylinder market will record good growth across the forecast period of 2020-2030 on the rear of an increase within the consumption of LPG cylinders for domestic applications like cooking. The utilization of LPG gas cylinders across other applications like hot air balloons, agriculture, transportation, recreation, and calefaction can also bring good growth opportunities for the LPG gas cylinder market. Supported material, the LPG gas cylinder market are often classified into metal, composite, et al LPG gas cylinder is available in 2 types: Metal LPG cylinder and Composite LPG cylinder.

Books:- BOOKS & DATABASES
Indian LPG imports have been registering some remarkable trends in the last 10 years. The growth trends over the last 10 years, 5 years and 1 year are: 17% CAGR (FY07 to FY17), 14% CAGR (FY12 to FY17) and 23%. At nearly 11 million tonnes in FY17, India surpassed Japan’s imports at 10.6 million tonnes. A rapid increase in urban population combined with increasing LPG penetration in rural areas has resulted in a 10% growth in LPG consumption, making India the second largest LPG consumer in the World at 19 million tonne per year. Based on Government's continued efforts to promote clean fuel and increased adoption by consumers, LPG consumption is expected to see a sustained double-digit growth in the years to come.

Related Project: - [Transparent Lpg Cylinder From Fiber Glass](#)
The composite LPG cylinder market will witness significant growth within the years ahead, due to these cylinders’ explosion aversion characteristic. The advanced fiberglass technology used for the manufacturing of composite LPG cylinders imparts the competitive advantage of explosion aversion. The lightweight and specially designed compact shape of those cylinders make their handling and transportation convenient and straightforward. Aesthetically attractive appearance is additionally a contributive factor to the composite LPG cylinder market, which leads to their preference over conventional heavy steel cylinders with inconvenient shape.

Related Video:— Profitable Investment Opportunity in LPG Filling Plant
Furthermore, the growing preference for LPG as a cooking fuel over conventional inefficient natural sources in developing economies is also projected to drive the composite LPG cylinder market globally. Moreover, governments across the globe are actively encouraging the production and use of composite LPG cylinders, due to their valuable advantages like low production cost, explosion aversion, and convenient transportation.

Projects:- Project Reports & Profiles
## Technical Information

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Key Players:-

Everest Kanto Cylinder Ltd.

Hindustan Petroleum Corpn. Ltd.

Supreme Cylinders Ltd.

Time Technoplast Ltd.
Machinery Photographs
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### Project at a Glance

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## Project at a Glance

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## Project at a Glance

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1. What is Transparent LPG Cylinder from Fiber Glass Manufacturing industry?

2. How has the Cement Transparent LPG Cylinder from Fiber Glass industry performed so far and how will it perform in the coming years?

3. What is the Project Feasibility of Transparent LPG Cylinder from Fiber Glass Manufacturing Plant?

4. What are the requirements of Working Capital for setting up Transparent LPG Cylinder from Fiber Glass Manufacturing plant?
5. What is the structure of the Transparent LPG Cylinder from Fiber Glass Manufacturing Business and who are the key/major players?

6. What is the total project cost for setting up Transparent LPG Cylinder Manufacturing Business?

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10. What are the requirements of raw material for setting up Transparent LPG Cylinder from Fiber Glass Manufacturing plant?

11. Who are the Suppliers and Manufacturers of Raw materials for setting up Transparent LPG Cylinder from Fiber Glass Manufacturing Business?

12. What is the Manufacturing Process of Transparent LPG Cylinder from Fiber Glass?
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14. What will be the income and expenditures for Transparent LPG Cylinder from Fiber Glass Manufacturing Business?

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7.1. IS 3710: 1978 (REAFFIRMED YEAR: 2015) FILLING RATIOS FOR LOW PRESSURE LIQUEFIABLE GASES CONTAINED IN CYLINDERS.
7.2. IS 5903: 2014 (REAFFIRMED YEAR: 2019) RECOMMENDATION FOR SAFETY DEVICES FOR GAS CYLINDERS.
7.3. IS 6044: PART 1: 2018 LIQUEFIED PETROLEUM GAS STORAGE INSTALLATIONS—CODE OF PRACTICE PART 1 RESIDENTIAL, COMMERCIAL AND INDUSTRIAL CYLINDER INSTALLATIONS (THIRD REVISION).
7.4. IS 16646: 2017 TRANSPORTABLE REFILLABLE FULLY WRAPPED COMPOSITE CYLINDERS FOR LIQUEFIED PETROLEUM GAS (LPG) - SPECIFICATION.
8. INTERNATIONAL STANDARDS

8.1. ISO 11439: GAS CYLINDERS — HIGH-PRESSURE CYLINDERS FOR THE ON-BOARD STORAGE OF NATURAL GAS AS A FUEL FOR AUTOMOTIVE VEHICLES.

8.2. ISO 15500-5: ROAD VEHICLES — COMPRESSED NATURAL GAS (CNG) FUEL SYSTEM COMPONENTS — PART 5: MANUAL CYLINDER VALVE.


8.4. US DOT ALUMINUM TANK ALLOY 6351-T6 AMENDMENT FOR SCUBA, SCBA, OXYGEN SERVICE — VISUAL EDDY INSPECTION.

8.5. AS 2896-2011: MEDICAL GAS SYSTEMS—INSTALLATION AND TESTING OF NON-FLAMMABLE MEDICAL GAS PIPELINE SYSTEMS PIPELINE SYSTEMS (AUSTRALIAN STANDARDS).
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10.2.10. Profits
10.2.11. Return Ratios
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16. SUPPLIERS OF PLANT & MACHINERY

17. SUPPLIERS OF RAW MATERIAL

18. PHOTOGRAPHS IMAGES FOR REFERENCE
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• Annexure 34 :: Tax on Profits
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Reasons for Buying our Report:

• This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product.

• This report provides vital information on the product like it’s characteristics and segmentation.

• This report helps you market and place the product correctly by identifying the target customer group of the product.
• This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials

• The report provides a glimpse of government regulations applicable on the industry

• The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions
Our Approach:

- Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.
- The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players.
- We use reliable sources of information and databases. And information from such sources is processed by us and included in the report.
Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Transparent LPG Cylinder from Fiber Glass.” provides an insight into Transparent LPG Cylinder from Fiber Glass market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Transparent LPG Cylinder from Fiber Glass project. The report assesses the market sizing and growth of the Indian Transparent LPG Cylinder from Fiber Glass Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:
We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Transparent LPG Cylinder from Fiber Glass sector in India along with its business prospects. Through this report we have identified Transparent LPG Cylinder from Fiber Glass project as a lucrative investment avenue.
Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Transparent LPG Cylinder from Fiber Glass.
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And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- Good Present/Future Demand
- Export-Import Market Potential
- Raw Material & Manpower Availability
- Project Costs and Payback Period

The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,
Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

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Contact us

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- One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services

- We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients’ in India & abroad

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We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.
What do we offer?

- Project Identification
- Detailed Project Reports/Pre-feasibility Reports
- Market Research Reports
- Business Plan
- Technology Books and Directory
- Industry Trend
- Databases on CD-ROM
- Laboratory Testing Services
- Turnkey Project Consultancy/Solutions
- Entrepreneur India (An Industrial Monthly Journal)
How are we different?

- We have two decades long experience in project consultancy and market research field
- We empower our customers with the prerequisite know-how to take sound business decisions
- We help catalyze business growth by providing distinctive and profound market analysis
- We serve a wide array of customers, from individual entrepreneurs to Corporations and Foreign Investors
- We use authentic & reliable sources to ensure business precision
Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation
Who do we Serve?

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- NRI’s
- Foreign Investors
- Non-profit Organizations, NBFC’s
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations
Sectors We Cover

- Ayurvedic And Herbal Medicines, Herbal Cosmetics
- Alcoholic And Non Alcoholic Beverages, Drinks
- Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling
Sectors We Cover

- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- Biodegradable & Bioplastic Based Projects
- Chemicals (Organic And Inorganic)
- Confectionery, Bakery/Baking And Other Food
- Cereal Processing
- Coconut And Coconut Based Products
- Cold Storage For Fruits & Vegetables
- Coal & Coal Byproduct
Sectors We Cover

- Copper & Copper Based Projects
- Dairy/Milk Processing
- Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- Electrical, Electronic And Computer based Projects
- Essential Oils, Oils & Fats And Allied
- Engineering Goods
- Fibre Glass & Float Glass
- Fast Moving Consumer Goods
- Food, Bakery, Agro Processing
Sectors We Cover Cont...

- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitality Projects
- Hospital Based Projects
- Herbal Based Projects
- Inks, Stationery And Export Industries
Sectors We Cover

- Infrastructure Projects
- Jute & Jute Based Products
- Leather And Leather Based Projects
- Leisure & Entertainment Based Projects
- Livestock Farming Of Birds & Animals
- Minerals And Minerals
- Maize Processing (Wet Milling) & Maize Based Projects
- Medical Plastics, Disposables Plastic Syringe, Blood Bags
- Organic Farming, Neem Products Etc.
Sectors We Cover  cont...

- Paints, Pigments, Varnish & Lacquer
- Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- Perfumes, Cosmetics And Flavours
- Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- Plantations, Farming And Cultivations
- Plastic Film, Plastic Waste And Plastic Compounds
- Plastic, PVC, PET, HDPE, LDPE Etc.
Sectors We Cover

- Potato And Potato Based Projects
- Printing And Packaging
- Real Estate, Leisure And Hospitality
- Rubber And Rubber Products
- Soaps And Detergents
- Stationary Products
- Spices And Snacks Food
- Steel & Steel Products
- Textile Auxiliary And Chemicals
Sectors We Cover

- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry (Packaged Drinking Water & Mineral Water)
- Wire & Cable
MARKET RESEARCH REPORTS
To get a detailed scenario of the industry along with its structure and classification

To provide a comprehensive analysis of the industry by covering aspects like:

- Growth drivers of the industry
- Latest market trends
- Insights on regulatory framework
- SWOT Analysis
- Demand-Supply Situation
- Foreign Trade
- Porters 5 Forces Analysis
Objective

➢ To provide forecasts of key parameters which helps to anticipate the industry performance
➢ To help chart growth trajectory of a business by detailing the factors that affect the industry growth
➢ To help an entrepreneur/manager in keeping abreast with the changes in the industry
➢ To evaluate the competitive landscape of the industry by detailing:
  ➢ Key players with their market shares
  ➢ Financial comparison of present players
Venturist/Capitalists
Entrepreneur/Companies
Industry Researchers
Investment Funds
Foreign Investors, NRI’s
Project Consultants/Chartered Accountants
Banks
Corporates

Click here for list
Data Sources

Secondary Research
- Online Research
- Industry Journals

Primary Research
- Industry Experts
- Industry Associations
- Companies

Surveys
One-on-one Interactions
Databases

Industry Sources
Scope & Coverage

Indian Market

- Present Status (Indian & Global)
- Outlook & Forecasts (5Years)
- Demand Assessment
- SWOT & Porters Analysis
- Macro Environment
- Internal Market Analysis
Our research team comprises of experts from various financial fields:

- MBA’s
- Industry Researchers
- Financial Planners
- Research veterans with decades of experience
1. Overview
2. Market Analysis
   - 2.1 Growth Drivers
   - 2.2 Emerging Trends in the Industry
   - 2.3 Regulatory Framework
   - 2.4 SWOT Analysis
   - 2.5 Herfindahl–Hirschman Index (HHI)
3. Market Forecasts
4. Key Players
5. Key Financials and Analysis
   5.1 Contact Information
   5.2 Key Financials
   5.3 Financial comparison
6. Industry Size & Outlook
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