

Emerging Industry of Industrial and Pharmaceutical Grade Gases

Setup an

# Oxygen Gas Plant

(Industrial and Pharmaceutical Grade)



# Introduction

**The word "oxygen gas" (O<sub>2</sub>) refers to a wide spectrum of atmospheric and fuel gases, as well as gas combinations. The industrial gases industry caters to a vast number of people throughout the community. Almost all manufacturing processes require industrial gases. In the basic and infrastructure sectors, large amounts of oxygen are used. Medical gases used in hospitals are life-sustaining elements that have a direct impact on a patient's survival.**

**As a result, medical gas must be clean, highly pure, and provided at a constant pressure at the place of usage. Medical oxygen is a high-purity oxygen that is developed for use in the human body and is utilised for medical treatments. Industrial grade the presence of oxygen benefits many materials, including copper, brass, and stainless steel. Oxygen is typically used with a fuel gas when cutting and welding these materials.**

**In the chemical industry, all important industrial gases are employed as a raw material or for inerting. To avoid contamination, medical oxygen cylinders only contain high-purity oxygen gas; no other gases are permitted in the cylinder. Medical oxygen comes with its own set of criteria and rules, including the requirement that you have a prescription to order it.**



# **Uses of Oxygen Gas Plant (Industrial and Pharmaceutical Grade)**

**Industrial oxygen is utilized in a variety of industries to keep production processes functioning smoothly. It is also necessary to meet industrial requirements while producing oxygen for industrial use. Industry-specific specifications must be met by oxygen plants utilized in the production of oxygen for industrial usage. Medical and industrial oxygen are generated in the same way.**

**Medical oxygen, on the other hand, is produced with high purity, and the oxygen system used to produce it is built to the highest quality requirements. In the air separation, medical oxygen is distilled until it fulfils medical criteria.**

**Ambulances, surgery, and intensive care units all need medical grade oxygen. It is mandatory to have adequate drug licences and follow standard operating processes while producing medical oxygen, which is also listed as a drug on the WHO list of essential medicines.**

# Market Outlook

**The global industrial gases market was worth USD 92.0 billion in 2020, and it is predicted to increase at a CAGR of 6.0 percent from 2021 to 2028. The expanding manufacturing industry in Asia Pacific's developing economies is primarily responsible for the market's growth. Furthermore, rising industrialization and urbanization, as well as the increased use of industrial gases in a variety of industries, .....**

**.... including healthcare, metals and mining, and food and beverages, are projected to have an impact on market growth in the coming years. Gases produced in significant numbers for use in industrial processes are referred to as industrial gases. These gases are also known as fuel, medicinal, refrigerant, or speciality gases, depending on their application in various industries.**



**The market for medical and pharmaceutical gases and equipment is expected to reach \$15.2 billion in 2019, with a CAGR of 6.4 percent from 2020 to 2025. Pharmaceutical and medical gases are fluids designed for use in the medical, pharmaceutical, and biotechnology industries. They're typically utilised to synthesise, sterilise, or insulate human-health-related processes or goods.**

# Key Players

- 1. Arrow Oxygen Ltd.**
- 2. Bhagawati Oxygen Ltd.**
- 3. Govind Poy Oxygen Ltd.**
- 4. Howrah Gases Ltd.**
- 5. Linde India Ltd.**
- 6. Madhav Industrial Gases Pvt. Ltd.**
- 7. Niket Udyog Ltd.**
- 8. Praxair India Pvt. Ltd.**

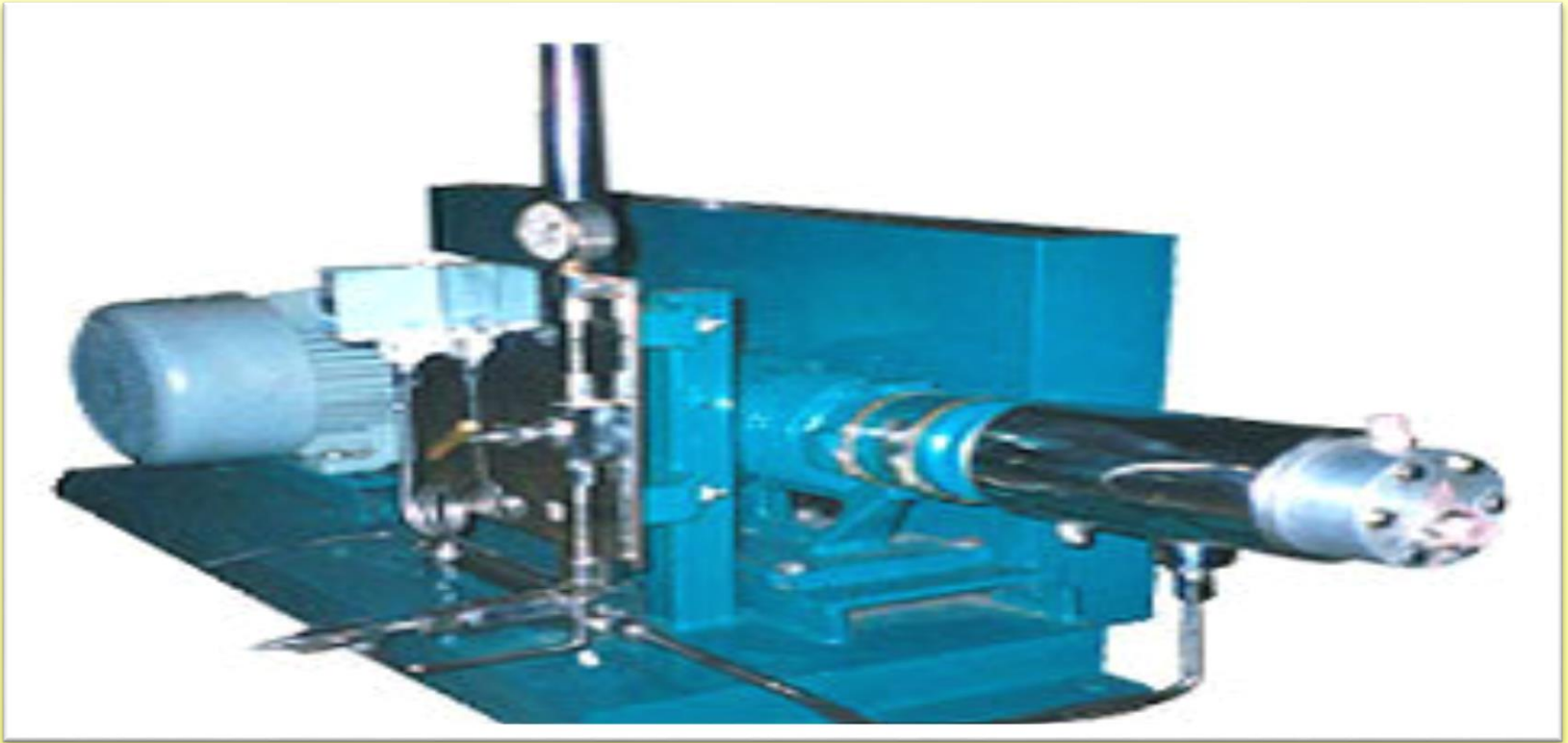
# Machinery Photographs



## Air Compressor



# Chilling System



# Liquid Oxygen Pump

The background of the slide is a photograph of a water treatment plant. It features several large, cylindrical, light-colored tanks with various pipes and valves. The scene is brightly lit, and the overall color palette is dominated by light blues and greys.

# Project at a Glance

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	0.00	0.00	Capital	0.00	186.97	186.97
Buildings	0.00	20.00	20.00	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	418.00	418.00	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	12.00	12.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	211.50	211.50	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	15.00	15.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	560.90	560.90
Preliminary & Pre-operative Exp	0.00	5.00	5.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	41.20	41.20	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	25.16	25.16				
<b>TOTAL</b>	<b>0.00</b>	<b>747.86</b>	<b>747.86</b>	<b>TOTAL</b>	<b>0.00</b>	<b>747.86</b>	<b>747.86</b>

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/ Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
						%		%			%
1-2	4.93	10.09	14.93	24.00	0.00	100.00	4.93	0.00	4.93	1.00	0.00
2-3	7.75	12.21	22.68	18.00	0.00	100.00	7.75	0.00	7.75	1.00	0.00
3-4	10.55	14.40	33.24	12.00	0.00	100.00	10.55	0.00	10.55	1.00	0.00
4-5	13.29	16.62	46.52	6.00	0.00	100.00	13.29	0.00	13.29	1.00	0.00
5-6	15.94	18.82	62.46	0.00	0.00	100.00	15.94	0.00	15.94	1.00	0.00



Year	D. S. C. R.			Debt / - Deposit s Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individual	Cumula tive	Overall					GPM	PBT	PAT	Net Contrib ution	P/V Ratio		
	(Number of times)			(Number of times)	%	%	%	%	%	%	%			
Initial				3.00	3.00									
1-2	1.47	1.47		1.61	1.61	1.75	30.31%	17.55%	13.66%	667.81	98.93 %	0.89	0.93	
2-3	1.76	1.61		0.79	0.79	0.90	36.99%	27.02%	18.41%	779.10	98.93 %	0.99	1.67	
3-4	2.11	1.76	2.11	0.36	0.36	0.44	41.55%	33.68%	21.92%	890.40	98.93 %	1.02	2.61	
4-5	2.52	1.93		0.13	0.13	0.19	44.72%	38.43%	24.54%	1001.70	98.93 %	0.98	3.75	
5-6	3.01	2.11		0.00	0.00	0.05	46.90%	41.86%	26.49%	1113.00	98.93 %	0.92	14.40	

**BEP****BEP - Maximum Utilisation Year****5****Cash BEP (% of Installed Capacity)****52.84%****Total BEP (% of Installed Capacity)****57.69%****IRR, PAYBACK and FACR****Internal Rate of Return .. ( In %age )****26.80%****Payback Period of the Project is ( In Years )****2 Years 3 Months****Fixed Assets Coverage Ratio ( No. of times )****3.011**

## Major Queries/Questions Answered in the Report?

- 1. What is Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing industry ?**
- 2. How has the Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing plant ?**

**5. What is the structure of the Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing Business and who are the key/major players ?**

**6. What is the total project cost for setting up Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing Business?**

**7. What are the operating costs for setting up Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing plant ?**

**8. What are the machinery and equipment requirements for setting up Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing plant ?**

**9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing plant ?**

**10. What are the requirements of raw material for setting up Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing plant ?**

**11. Who are the Suppliers and Manufacturers of Raw materials for setting up Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing Business?**

**12. What is the Manufacturing Process of Oxygen Gas Plant (Industrial and Pharmaceutical Grade)?**

**13. What is the total size of land required for setting up Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing plant ?**

**14. What will be the income and expenditures for Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing Business?**

**15. What are the Projected Balance Sheets of Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing plant ?**

**16. What are the requirement of utilities and overheads for setting up Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing plant?**

**17. What is the Built up Area Requirement and cost for setting up Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing Business?**

**18. What are the Personnel (Manpower) Requirements for setting up Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing Business?**

**19. What are Statistics of Import & Export for Oxygen Gas Plant (Industrial and Pharmaceutical Grade)?**

**20. What is the time required to break-even of Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing Business?**

**21. What is the Break-Even Analysis of Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing plant?**

**22. What are the Project financials of Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing Business?**

**23. What are the Profitability Ratios of Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing Project?**

**24. What is the Sensitivity Analysis-Price/Volume of Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing plant?**



**25. What are the Projected Pay-Back Period and IRR of Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing plant?**

**26. What is the Process Flow Sheet Diagram Of Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing project?**

**27. What are the Market Opportunities for setting up Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing plant?**

**28. What is the Market Study and Assessment for setting up Oxygen Gas Plant (Industrial and Pharmaceutical Grade) Manufacturing Business?**

The background of the slide features two large, cylindrical industrial tanks, likely used for water treatment or chemical processing. They are light-colored with various pipes, valves, and gauges attached. The tanks are positioned side-by-side and are slightly out of focus, serving as a backdrop for the main text.

# Table of Contents of the Project Report

# 1. PROJECT LOCATION

## • DISTRICT PROFILE & GEOTECHNICAL SITE CHARACTERIZATION

- ***General***
- ***History***
- ***Geography***
- ***Language***
- ***Demographics***
- ***Administration***
- ***District Sub-Division***
- ***Climate***
- ***Map***
- ***Economy***
- ***Industry at a Glance***
- ***Transport***

## 2. INTRODUCTION

## 3. USES & APPLICATIONS

- **OXYGEN GAS**
- **OTHER USES OF OXYGEN**
  - *Role of Oxygen in Combustion*
  - *Role of Oxygen in Gasification*
  - *Oxygen Uses in Gas-to-Liquid Applications*
- **OXYGEN USE IN MEDICAL**
- **OXYGEN USE IN INDUSTRIAL**
  - *Major Oxygen Applications*

## 4. SWOT ANALYSIS

- **STRENGTHS**
- **WEAKNESSES**
- **OPPORTUNITIES**
- **THREATS**

## **5. PROPERTIES**

- **PROPERTIES OF OXYGEN**
- **PHYSICAL PROPERTIES**

## **6. PRODUCT DETAIL**

- **OXYGEN GAS**
  - *Medical Grade Oxygen*
  - *Industrial Grade oxygen*

## **7. B.I.S. SPECIFICATIONS**

- **IS 13360: PART 6: SEC 19: PLASTICS - METHODS OF TESTING - PART 6: THERMAL PROPERTIES - SECTION 19: FLAMMABILITY BY OXYGEN INDEX - AMBIENT TEMPERATURE TEST.**
- **IS 15130 : PART 3: NATURAL GAS - DETERMINATION OF COMPOSITION WITH DEFINED UNCERTAINTY BY GAS CHROMATOGRAPHY - PART 3: DETERMINATION OF HYDROGEN, HELIUM, OXYGEN, NITROGEN, CARBON DIOXIDE AND HYDROCARBONS UP TO C8 USING TWO PACKED COLUMNS.**
- **IS 4379: IDENTIFICATION OF CONTENTS OF INDUSTRIAL GAS CYLINDERS.**

## **8. MARKET SURVEY**

- **INDUSTRIAL GASES**

- *Newly Emerging Indicators*
- *Oxygen Demand: Past and Future*

- **INDUSTRIAL GAS MARKET**

- *Market Outlook*

- *Asia-Pacific Dominated the Industrial Gas Market*

- *Industrial Gas Market Size*

- **MEDICAL GAS MARKET**

- *Key Takeaways*
- *Market Segment Analysis*
- *Medical Gas Market Drivers*

- **GLOBAL MARKET OF OXYGEN**

## **9. EXPORT & IMPORT: ALL COUNTRIES**

- **EXPORT: ALL COUNTRIES**
  - *Oxygen*
- **IMPORT: ALL COUNTRIES**
  - *Oxygen*

## **10. FINANCIALS & COMPARISON OF MAJOR INDIAN PLAYERS/COMPANIES**

- **ABOUT FINANCIAL STATEMENTS OF CMIE DATABASE**
- **PROFITS & APPROPRIATIONS**
- **TOTAL LIABILITIES**
- **TOTAL ASSETS**
- **NET CASH FLOW FROM OPERATING ACTIVITIES**

- **SECTION -I**

- *Name of Company with Contact Details*
- *Name of Director(S)*
- *Location of Plant*
- *Credit Ratings*
- *Name of Raw Material(S) Consumed with Quantity & Cost*

- **SECTION-II**

- *Assets*
- *Cash Flow*
- *Cost as % Ge of Sales*
- *Growth in Assets & Liabilities*
- *Growth in Income & Expenditure*
- *Income & Expenditure*
- *Liabilities*
- *Liquidity Ratios*
- *Profitability Ratio*
- *Profits*
- *Return Ratios*
- *Structure of Assets & Liabilities (%)*
- *Working Capital & Turnover Ratios*



## **11.COMPANY PROFILE OF MAJOR PLAYERS**

## **12.EXPORT & IMPORT STATISTICS OF INDIA**

- **EXPORT STATISTICS ON OXYGEN GAS**
- **IMPORT STATISTICS ON OXYGEN GAS**

## **13.PRESENT MANUFACTURERS**

## **14.RAW MATERIAL**

- **PROPERTIES OF AIR**
- **COMPOSITION OF DRY AIR AT SEA LEVEL**
- **SELECTED PROPERTIES OF THE COMPONENT OF AIR**

## **15.PROCESS DETAIL**

- **THERMODYNAMICS AND PROCESS DESIGN**
- **KINETICS THEORY OF GASES**

## **16. PROCESS FLOW DIAGRAM**

- **INDUSTRIAL OXYGEN GENERATION**
- **MEDICAL OXYGEN GENERATION**

## **17. STORAGE, HANDLING AND SAFETY PRECAUTIONS**

- **MAINTENANCE OF OXYGEN PLANT AND AUXILIARY EQUIPMENT**
- **FOR OXYGEN GAS PLANT**
  - *Hazards Identification*
  - *First Aid Measures*
  - *Fire-Fighting Measures*
  - *Accidental Release Measures*
  - *Handling and Storage*
  - *Toxicological Information*
  - *Disposal Consideration*
  - *Transport Information*

## **18.FDA SETS REQUIREMENTS**

## **19.LIST AND DETAILS OF PLANT MACHINERY**

**1.GAS/AIR LINES & INSULATING MATERIAL**

**2.MEASUREMENT & CONTROL DEVICES**

**3.SAFETY INTERLOCKS**

## **20.BUYER'S LIST**

**1.CONTACT DETAILS OF BUYER'S**

**2.NAME OF DIRECTOR(S)**

**3.CREDIT RATINGS**

**4.LOCATION OF PLANT**

**5.COMPANY WISE CONSUMPTION DETAIL OF THE RAW MATERIALS**

**21.SUPPLIERS OF PLANT & MACHINERY**

**22.SUPPLIERS OF RAW MATERIAL**

**23.PHOTOGRAPHS/IMAGES FOR AS REFERENCE**

- **MACHINERY PHOTOGRAPHS**
- **PRODUCT PHOTOGRAPHS**

**24.QUOTATION OF PLANT, MACHINERY AND  
EQUIPMENT'S FROM SUPPLIER**

# Project Financials

• **Project at a Glance** **Annexure**

• **Assumptions for Profitability workings .....1**

• **Plant Economics.....2**

• **Production Schedule.....3**

• **Land & Building.....4**

**Factory Land & Building**  
**Site Development Expenses**

- **Plant & Machinery.....5**
  - Indigenous Machineries**
  - Other Machineries (Miscellaneous, Laboratory etc.)**
  
- **Other Fixed Assets.....6**
  - Furniture & Fixtures**
  - Pre-operative and Preliminary Expenses**
  - Technical Knowhow**
  - Provision of Contingencies**
  
- **Working Capital Requirement Per Month.....7**
  - Raw Material**
  - Packing Material**
  - Lab & ETP Chemical Cost**
  - Consumable Store**

- **Overheads Required Per Month and Per Annum.....8**
  - Utilities & Overheads (Power, Water and Fuel Expenses etc.)**
  - Royalty and Other Charges**
  - Selling and Distribution Expenses**
- **Salary and Wages .....9**
- **Turnover Per Annum .....10**
- **Share Capital.....11**
  - Equity Capital**
  - Preference Share Capital**

**□ Annexure 1 :: Cost of Project and Means of Finance**

**□ Annexure 2 :: Profitability and Net Cash Accruals**

- Revenue/Income/Realisation**
- Expenses/Cost of Products/Services/Items**
- Gross Profit**
- Financial Charges**
- Total Cost of Sales**
- Net Profit After Taxes**
- Net Cash Accruals**



## □ **Annexure 3 :: Assessment of Working Capital requirements**

- **Current Assets**
- **Gross Working Capital**
- **Current Liabilities**
- **Net Working Capital**
- **Working Note for Calculation of Work-in-process**

## □ **Annexure 4 :: Sources and Disposition of Funds**

## □ **Annexure 5 :: Projected Balance Sheets**

- **ROI (Average of Fixed Assets)**
- **RONW (Average of Share Capital)**
- **ROI (Average of Total Assets)**

## □ **Annexure 6 :: Profitability Ratios**

- **D.S.C.R**
- **Earnings Per Share (EPS)**
- **Debt Equity Ratio**

## □ Annexure 7 :: Break-Even Analysis

- Variable Cost & Expenses
- Semi-Variable/Semi-Fixed Expenses
- Profit Volume Ratio (PVR)
- Fixed Expenses / Cost
- B.E.P

## □ Annexure 8 to 11 :: Sensitivity Analysis-Price/Volume

- **Resultant N.P.B.T**
- **Resultant D.S.C.R**
- **Resultant PV Ratio**
- **Resultant DER**
- **Resultant ROI**
- **Resultant BEP**

## **□ Annexure 12 :: Shareholding Pattern and Stake Status**

- Equity Capital**
- Preference Share Capital**

## **□ Annexure 13 :: Quantitative Details-Output/Sales/Stocks**

- Determined Capacity P.A of Products/Services**
- Achievable Efficiency/Yield % of Products/Services/Items**
- Net Usable Load/Capacity of Products/Services/Items**
- Expected Sales/ Revenue/ Income of Products/ Services/ Items**

- Annexure 14 :: Product wise Domestic Sales Realisation**
- Annexure 15 :: Total Raw Material Cost**
- Annexure 16 :: Raw Material Cost per unit**
- Annexure 17 :: Total Lab & ETP Chemical Cost**
- Annexure 18 :: Consumables, Store etc.**
- Annexure 19 :: Packing Material Cost**
- Annexure 20 :: Packing Material Cost Per Unit**

- Annexure 21 :: Employees Expenses**
- Annexure 22 :: Fuel Expenses**
- Annexure 23 :: Power/Electricity Expenses**
- Annexure 24 :: Royalty & Other Charges**
- Annexure 25 :: Repairs & Maintenance Expenses**
- Annexure 26 :: Other Manufacturing Expenses**
- Annexure 27 :: Administration Expenses**
- Annexure 28 :: Selling Expenses**

- Annexure 29 :: Depreciation Charges – as per Books (Total)**
- Annexure 30 :: Depreciation Charges – as per Books (P & M)**
- Annexure 31 :: Depreciation Charges - as per IT Act WDV (Total)**
- Annexure 32 :: Depreciation Charges - as per IT Act WDV(P & M)**
- Annexure 33 :: Interest and Repayment - Term Loans**
- Annexure 34 :: Tax on Profits**
- Annexure 35 :: Projected Pay-Back Period and IRR**



# 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 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 Oxygen Gas Plant (Industrial and Pharmaceutical Grade).” provides an insight into Oxygen Gas Plant (Industrial and Pharmaceutical Grade) market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Oxygen Gas Plant (Industrial and Pharmaceutical Grade) project. The report assesses the market sizing and growth of the Indian Oxygen Gas Plant (Industrial and Pharmaceutical Grade) 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:

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

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 Oxygen Gas Plant (Industrial and Pharmaceutical Grade) sector in India along with its business prospects. Through this report we have identified Oxygen Gas Plant (Industrial and Pharmaceutical Grade) project as a lucrative investment avenue.

# Tags

**#Detailedprojectreport    #Businessconsultant**  
**#Businessplan    #Feasibilityreport    #NPCS**  
**#Entrepreneurindia    #Startupbusiness**  
**#Projectreport    #Startup    #Projectconsultancy**  
**#Businessopportunity    #OxygenGasPlant**  
**#IndustrialGas    #GasPlant    #IndustrialGases**  
**#MedicalOxygen    #Medicalgas**



***NIIR PROJECT CONSULTANCY SERVICES (NPCS)***  
**can provide Detailed Project Report on**  
**Oxygen Gas Plant**  
**(Industrial and Medical Use)**



**See more**

**Project Reports & Profiles**

**BOOKS**

**Market Research Report**



*Visit us at*



**[www.entrepreneurindia.co](http://www.entrepreneurindia.co)**



**[www.niir.org](http://www.niir.org)**

**[www.niir.org](http://www.niir.org)**

**[www.entrepreneurindia.co](http://www.entrepreneurindia.co)**

# Take a look at NIIR Project Consultancy Services on #Street View

[google-street-view](#)



**Locate us on**  
**Google Maps**

The background of the slide is a blurred photograph of a business meeting. Several people are seated around a dark conference table, engaged in discussion. The setting appears to be a modern office with large windows in the background.

# OUR CLIENTS

**Our inexhaustible Client list includes public-sector companies, Corporate Houses, Government undertaking, individual entrepreneurs, NRI, Foreign investors, non-profit organizations and educational institutions from all parts of the World. The list is just a glimpse of our esteemed & satisfied Clients.**

**[Click here to take a look](#)**



## **Select and Choose the Right Business Startup for You (Instant Online Project Identification and Selection)**

**Finding the right startup business is one of the most popular subject today. Starting a business is no easy endeavor, but the time, effort, and challenges can be worth it if you succeed. To give yourself the best chance to be successful, take your time to carefully find the right business for you. We, at NPCS, endeavor to make business selection a simple and convenient step for any entrepreneur/startup. Our expert team, by capitalizing on its dexterity and decade's long experience in the field, has created a list of profitable ventures for entrepreneurs who wish to diversify or venture. The list so mentioned is updated regularly to give you a regular dose of new emerging opportunities.**

**Visit:** <https://www.entrepreneurindia.co/project-identification>

# **Download Complete List of Project Reports:**

## **Detailed Project Reports**

**Visit:- <https://www.entrepreneurindia.co/complete-project-list>**

**NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.**

**Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the 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:**

- ❑ 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.**

**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 India along with its business prospects.....[Read more](#)**



# Contact us

## *NIIR PROJECT CONSULTANCY SERVICES*



**106-E, Kamla Nagar, Opp. Mall ST,**

**New Delhi-110007, India.**

**Email: [npcs.ei@gmail.com](mailto:npcs.ei@gmail.com) , [info@entrepreneurindia.co](mailto:info@entrepreneurindia.co)**

**Tel: +91-11-23843955, 23845654, 23845886**

**Mobile: +91-9097075054, 8800733955**

**Fax: +91-11-23845886**

**Website : [www.entrepreneurindia.co](http://www.entrepreneurindia.co), [www.niir.org](http://www.niir.org)**

**Take a look at *NIIR PROJECT CONSULTANCY SERVICES* on #StreetView**

**[google-street-view](#)**



# ***Niir PROJECT CONSULTANCY SERVICES***

**AN ISO 9001 : 2015 CERTIFIED COMPANY**



**AN ISO 9001 : 2015 CERTIFIED COMPANY**

***Niir PROJECT CONSULTANCY SERVICES***



# Entrepreneur **India**

# Who are we?

**A trusted and leading name in the industry, we have been putting forth exceptionally integrated and comprehensive technical consultancy services. We believe that project consultancy serves as a critical element for the success of your projects. Moreover, we keep in mind that no client is the same and nor are the requirements. Therefore, we ensure uniqueness in every service you avail from us.**

- **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**



**We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.**

**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.**



- **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)**

- 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 *Cont...*

- ❖ **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**

- ❖ **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**

- ❖ **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**



- ❖ **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.**

- ❖ **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.**

- ❖ **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**

- ❖ **Township & Residential Complex**
- ❖ **Textiles And Readymade Garments**
- ❖ **Waste Management & Recycling**
- ❖ **Wood & Wood Products**
- ❖ **Water Industry(Packaged Drinking Water & Mineral Water)**
- ❖ **Wire & Cable**

# Market Research Report

# 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

# Clientele

- Venturist/Capitalists
- Entrepreneur/Companies
- Industry Researchers
- Investment Funds
- Foreign Investors, NRI's
- Project Consultants/Chartered Accountants
- Banks
- Corporates

[Click here for list](#)

# Data Sources





# Scope & Coverage



## **Our Team**

- Our research team comprises of experts from various financial fields:**
- MBA's**
- Industry Researchers**
- Financial Planners**
- Research veterans with decades of experience**

# Structure of the Report

- 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**

# Structure of the Report

- 5. Key Financials and Analysis**
  - 5.1 Contact Information**
  - 5.2 Key Financials**
  - 5.3 Financial comparison**
- 6. Industry Size & Outlook**



# Contact us

## ***NIIR PROJECT CONSULTANCY SERVICES***

### **Entrepreneur India**

106-E, Kamla Nagar, Opp. Mall ST,

New Delhi-110007, India.

Email: [npcs.ei@gmail.com](mailto:npcs.ei@gmail.com) , [info@entrepreneurindia.co](mailto:info@entrepreneurindia.co)

Tel: +91-11-23843955, 23845654, 23845886

Mobile: +91-9097075054, 8800733955

Fax: +91-11-23845886

Website : [www.entrepreneurindia.co](http://www.entrepreneurindia.co) , [www.niir.org](http://www.niir.org)

Take a look at ***NIIR PROJECT CONSULTANCY SERVICES*** on #StreetView

[google-street-view](#)

# Follow us



➤ <https://www.linkedin.com/company/niir-project-consultancy-services>



➤ <https://www.facebook.com/NIIR.ORG>



➤ <https://www.youtube.com/user/NIIRproject>



➤ [https://twitter.com/npcs\\_in](https://twitter.com/npcs_in)



➤ <https://www.pinterest.com/npcsindia/>

A decorative illustration of a brown, leafy branch with several small, rounded leaves, extending from the top left corner towards the center of the slide.

*Thank You!*

**For more information, visit us at:**

**[www.niir.org](http://www.niir.org)**

**[www.entrepreneurindia.co](http://www.entrepreneurindia.co)**