

Detailed Project Profiles On Chemical Industries (Vol II) (2nd Revised Edition)

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Chemical industry, complex of processes, operations, and organizations engaged in the manufacture of chemicals and their derivatives. The chemical industry may be described simply as the industry that uses chemistry and manufactures chemicals. A chemical substance is a form of matter that has constant chemical composition and characteristic properties. It cannot be separated into components by physical separation methods, i.e. without breaking chemical bonds. It can be solid, liquid, gas, or plasma. The scope of the chemical industry is in part shaped by custom rather than by logic. An average chemical product is passed from factory to factory several times before it emerges from the chemical industry into the market.

The chemical sector has witnessed growth of 13-14% in the last 5 years. A number of initiatives have been proposed in the 12th 5-year plan (2012-2017) to boost the growth of Indian Chemical industry like Target to increase the share of manufacturing in GDP to at least 25% by 2025 (from current 16%). Investments in manufacturing in the chemical sector are absolutely essential to ensure growth of the Indian chemical industry, FDI inflow picked up in FY11 reaching USD 2,345 Mn and USD 4,041 Mn in FY12. Indian Chemical industry also managed to lead industrial IIP in FY13. As per CSO sources, Chemicals IIP for FY13 stood at 3.1% while the overall IIP was 0.8%. The Indian chemicals industry, which earned revenues in the range of \$ 155-160 billion in 2013, is likely to grow at a rate of 11-12 percent in the next two to three years. The market is likely to grow at a Compound Annual Growth Rate (CAGR) of 13-14 percent. "Product customization and understanding of unique customer needs has been one of the key success levers for the Indian chemical industry. The chemical industry can be broadly classified into two segments – organic and inorganic chemicals. Organic chemicals cover over half of all known chemical compounds, and include petrochemicals, drugs, cosmetics, agrochemicals, etc. Inorganic chemicals comprise alkalis, dyes and dyestuffs.

The content of the book includes information about chemical industry. The major contents of this book are project profiles of projects like acetylene gas, acrylic acid and its derivatives, ciprofloxacin HCl, dicalcium phosphate, glycerol monostearate, L-ascorbic acid (plain), manganese oxide, potassium iodate, precipitated calcium carbonate, single superphosphate, sodium silicate and zinc sulfate (33%, 21% & 12%) .

Project profile contains information like introduction, properties, uses and applications, raw material used, manufacturing process, flow diagram, plant economics, land and building, plant and machinery, fixed capital, working capital requirement/month, total working capital/month, cost of project, total capital investment, turn over/annum, profit sales ratio, rate of return, breakeven point (B.E.P)

This book is very useful for new entrepreneurs, technical institutions, existing units and technocrats.

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13. Zinc Sulfate (33%, 21% & 12%)

About NIIR

NIIR PROJECT CONSULTANCY SERVICES (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our various services are: Detailed Project Report, Business Plan for Manufacturing Plant, Start-up Ideas, Business Ideas for Entrepreneurs, Start up Business Opportunities, entrepreneurship projects, Successful Business Plan, Industry Trends, Market Research, Manufacturing Process, Machinery, Raw Materials, project report, Cost and Revenue, Pre-feasibility study for Profitable Manufacturing Business, Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Business Opportunities, Investment Opportunities for Most Profitable Business in India, Manufacturing Business Ideas, Preparation of Project Profile, Pre-Investment and Pre-Feasibility Study, Market Research Study, Preparation of Techno-Economic Feasibility Report, Identification and Section of Plant, Process, Equipment, General Guidance, Startup Help, Technical and Commercial Counseling for setting up new industrial project and Most Profitable Small Scale Business.

NPCS also publishes various process technology, technical, reference, self employment and startup books, directory, business and industry database, bankable detailed project report, market research report on various industries, small scale industry and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by professionals including project engineers, information services bureau, consultants and project consultancy firms as one of the input in their research.

Our Detailed Project report aims at providing all the critical data required by any entrepreneur vying to venture into Project. 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.

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