

Abrasive, Asbestos, Cement, Refractory Products

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, Plant Layout, Process Flow Sheet,
Cost of Project, Projected Balance Sheets, Profitability
Ratios, Break Even Analysis

Abrasive

An abrasive is a material, often a mineral that is used to shape or finish a work piece through rubbing which leads to part of the work piece being worn away by friction. While finishing a material often means polishing it to gain a smooth, reflective surface, the process can also involve roughening as in satin, matte or beaded finishes. Abrasives are used in the form of grinding wheels, sandpapers, honing stones, polishes, cutoff wheels, tumbling and vibratory mass-finishing media, sandblasting, pulp stones, ball mills, and still other tools and products.



Only through the use of abrasives is industry able to produce the highly precise components and ultra-smooth surfaces required in the manufacture of automobiles, airplanes and space vehicles, mechanical and electrical appliances, and machine tools.

The Global Abrasives Industry 2015 Detailed Project Report is a professional and in-depth study on the current state of the Abrasives spread across 151 pages, profiling 24 companies and supported with 235 tables and figures.

Asbestos

Asbestos Cement Sheet (ACS) is a building material in which asbestos fibres are used to reinforce thin rigid cement sheets. It is a very popular building material, largely due to its durability. The roofing industry is largely a commoditized business. While ACS started out as an industrial product, the increase in production and increase in the number of access points has made it into a retail product.



The asbestos cement industry is concerned with the production of various kinds of roofing, wall, and facing sheet materials; pressure and nonpressure pipes; electrical insulation boards; building details; structural components; and other products made from a base of asbestos and cement. In India, the world's biggest asbestos importer, it's a \$2 billion industry with double-digit annual growth, at least 100 manufacturing plants and some 300,000 jobs.

Cement

India is the second largest producer of cement in the world. No wonder, India's cement industry is a vital part of its economy, providing employment to more than a million people, directly or indirectly. India has a lot of potential for development in the infrastructure and construction sector and the cement sector is expected to largely benefit from it.



Cement demand in India is expected to increase due to government's push for large infrastructure projects, leading to 45 million tonnes of cement needed in the next three to four years. India's cement demand is expected to reach 550-600 Million Tonnes Per Annum (MTPA) by 2025. The housing sector is the biggest demand driver of cement, accounting for about 67 per cent of the total consumption in India. The other major consumers of cement include infrastructure at 13 per cent, commercial construction at 11 per cent and industrial construction at nine per cent.

Refractory Products

Refractory materials are used to provide refractory lining in furnaces, kilns, incinerators, and reactors. These materials have a high melting point (greater than 1,520 degree Celsius). Refractory materials are subjected to various conditions such as high temperature, abrasions and chemical corrosions, slag attacks, and chemical reactions when they are used in refractory linings. Hence, these materials must be able to endure these conditions with less wear and tear and high reliability. The Steel industry is one of the major end-users of these materials.



Reasons for buying our report:

- The 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
- The report provides vital information on the product like it's characteristics and segmentation
- The report helps you market and place the product correctly by identifying the target customer group of the product

- **The 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**

Major Queries/Questions Answered in our Report?

- 1. How has the industry performed so far and how will it perform in the coming years?**
- 2. What is the Project Feasibility of the Plant?**
- 3. What are the requirements of Working Capital for setting up the plant?**
- 4. What is the structure of the industry and who are the key/major players?**

- 5. What is the total project cost for setting up the plant?**
- 6. What are the operating costs for setting up the plant?**
- 7. What are the machinery and equipment requirements for setting up the plant?**
- 8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?**
- 9. What are the requirements of raw material for setting up the plant?**

- 10. Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?**
- 11. What is the Manufacturing Process and Formulations of the plant?**
- 12. What is the total size of land required for setting up the plant?**
- 13. What will be the income and expenditures for the plant?**
- 14. What are the Projected Balance Sheets of the plant?**

- 15. What are the requirement of utilities and overheads for setting up the plant?**
- 16. What is the Built up Area Requirement and cost for setting up the plant?**
- 17. What are the Personnel (Manpower) Requirements for setting up the plant?**
- 18. What are Statistics of Import & Export for the Industry?**
- 19. What is the time required to break-even?**

- 20. What is the Break-Even Analysis of the plant?**
- 21. What are the Project financials of the plant?**
- 22. What are the Profitability Ratios of the plant?**
- 23. What is the Sensitivity Analysis-Price/Volume of the plant?**
- 24. What are the Projected Pay-Back Period and IRR of the plant?**
- 25. What is the Process Flow Sheet Diagram of the plant?**
- 26. What are the Market Opportunities for setting up the plant?**
- 27. What is the Market Study and Assessment for setting up the plant?**
- 28. What is the Plant Layout for setting up the plant?**

Niir Project Consultancy Services (NPCS) can provide Detailed Project Report.

Abrasive, Asbestos, Cement, Refractory Products based Products

- **Cement Water Proofing Compound:** Cement is a very important building material. It is used in almost all the constructions and is subjected to water in contact. If the concrete or cement is water-absorbing then leakage will occur and will destroy construction. The material used for checking this absorption of water is known as water proofing compound. Water-proof cement is used in....[Read more](#)
- **Autoclaved Aerated Concrete Blocks (AAC Blocks):** Autoclaved Aerated Concrete (AAC) is a non-combustible, lime-based, cementitious building material that is expanding into new worldwide markets. . In our country aerated techniques have been developed for about 40 years, and its technique skills and equipments are becoming mature. The AAC has the features of light bulk density, good thermal insulation properties and[Read more](#)

➤ **Admixtures for Concrete:** Admixtures are materials added to the concrete before or during its mixing, with a view to modifying one or more of the properties of concrete in the plastic or hardened state. An important feature of the majority of admixture for concrete is that it is difficult to quantitatively evaluate the behavior of the concrete under various possible circumstances. They are widely used to[Read more](#)

➤ **Lime Bonded Fly Ash Brick:** Lime bonded fly ash bricks are the product of thermal power waste base products. There is no sophisticated machinery used in this production. There is good demand of this product. As a whole the project is....[Read more](#)

- **Cement Plant:** The cement industry is experiencing a boom on account of the overall growth of the Indian economy. The demand for cement, being a derived demand, depends primarily on the industrial activity, real estate business, construction activity, and investment in the infrastructure sector. India is experiencing growth on.....[Read more](#)
- **Graphite Mining and Processing:** Graphite is a form of elemental carbon. It is one of the three allotropic forms which the element carbon exists in nature the other two being coal and diamond. It crystallizes in hexagonal system in plenty form but it is rare the perfect crystal graphite have been found. The three principal types of natural graphite....[Read more](#)

- **Resin Bonded Diamond Wheels:** The resin bond diamond wheels are mainly used for grinding tungsten carbide and non-metal materials. Various kinds of dimensions and shapes are available, such as flat shapes, cup shapes and dish shapes, etc. Diamond resin grinding wheel has a good polishing effect, grinding wheel sharp, easy to plug, Resin bond wheels are made up of phonetic, polyimide, and copper resins. The resin is mixed with.....[Read more](#)
- **Vitrified Floor Tiles:** Vitrified tile is a tile which has been processed in such a way that it has very low porosity (and water absorption) which make it stain resistant and very strong. Vitrified Tiles have far superior properties compared to marble or natural granite because being a manufactured product; their quality is controlled whereas in naturally occurring marble and.....[Read more](#)

For more details visit at:

**Abrasive, Asbestos, Cement,
Refractory Products based Products**

**Cement, Asbestos, Ceramics, Bricks,
Limestone and Construction Materials**

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<https://goo.gl/VstWkd>



NIIR PROJECT CONSULTANCY SERVICES

An ISO 9001:2008 Company

Who are we?

- *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*

What do we offer?

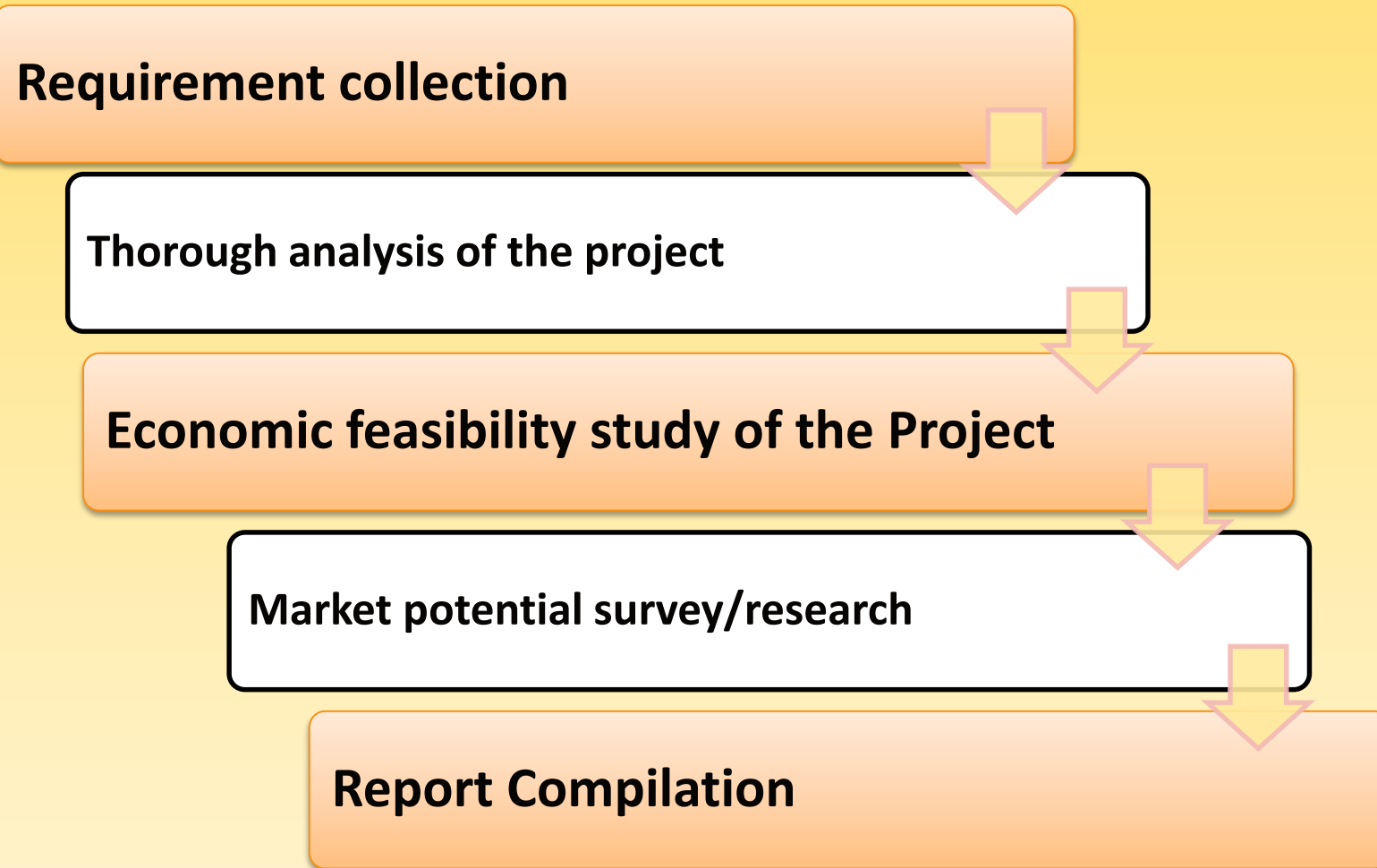
- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Business Plan*
- *Market Research Reports*
- *Technology Books and Directory*
- *Industry Trend*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An 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



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*

- *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*

Contact us

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