

# NPCS Newsletter - Issue 53



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- Macaroni, Vermicelli & Atta Noodles

# Detailed Project Report On Complex NPK Fertilizer

- Fertilizers are chemical compounds applied to promote plant and fruit growth. Fertilizers are usually applied either through the soil (for uptake by plant roots) or by foliar feeding (for uptake through leaves). Artificial fertilizers are inorganic fertilizers formulated in appropriate concentrations and the combinations supply three main nutrients: nitrogen, phosphorus and potassium (N, P and K) for various crops and growing conditions. N (nitrogen) promotes leaf growth and forms proteins and chlorophyll. P (phosphorus) contributes to root, flower and fruit development. K (potassium) contributes to stem and root growth and the synthesis of proteins.
- The physical condition of a soil is one of the fundamental factors affecting crop growth, development and yield. This is because the soil physical properties have very high degree of correlation with crop production and have high influence on soil fertility and crop performance.

# Detailed Project Report On Warehouse

- We often define warehousing as the storage of goods. Broadly interpreted, this definition includes a wide spectrum of facilities and locations that provide warehousing, including the storage of iron ore in open fields; the storage of finished goods in the production facility; and the storage of raw materials, industrial goods, and finished goods while they are in transport.
- Warehousing refers to the activities involving storage of goods on a large-scale in a systematic and orderly manner and making them available conveniently when needed. In other words, warehousing means holding or preserving goods in huge quantities from the time of their purchase or production till their actual use or sale.

# Detailed Project Report On Flat Glass

- Glass is the name given to all amorphous bodies that are obtained by lowering the temperature of a melt independently of its chemical composition and the temperature range of solidification, which as a result of the gradual increase of viscosity adopts the mechanical properties of a solid body. Glass is melted at a temperature between 1000 and 2000°C.
- Flat glass is the basic material that goes into end products that see through every day. It is used to make windscreens and windows for automobiles and transport, windows and facades for houses and buildings, as well as solar energy equipment like solar thermal panels and photovoltaic modules.

# Detailed Project Report On Pharmaceutical Unit (*Tablets, Syrup, Capsules & Ointment*)

- The pharmaceutical industry develops, produces, and markets drugs or pharmaceuticals licensed for use as medications. Pharmaceutical companies are allowed to deal in generic and/or brand medications and medical devices. They are subject to a variety of laws and regulations regarding the patenting, testing and ensuring safety and efficacy and marketing of drugs.
- The pharmaceutical industry also needs to take advantage of the recent advances in biotechnology and information technology. The future of the industry will be determined by how well it markets its products to several regions and distributes risks, its forward and backward integration capabilities, its R&D, its consolidation through mergers and acquisitions, co-marketing and licensing agreements

# Detailed Project Report On **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 phenolic, polyimide, and copper resins. The resin is mixed with the matching diamond or CBN type and size resulting in a resin matrix used to manufacture the wheels.

# Detailed Project Report On Rigid Polyvinyl Chloride(RPVC) Pipes

PVC pipes are made out of a material known as polyvinyl chloride, a durable, strong plastic-like substance. Pipes are constructed from this material and used in various applications from plumbing to construction. The pipe is designed to be universal. All pipes are designed around specific requirements to ensure that multiple pipe sections will fit together. The ends of the pipe can either be smooth or grooved (similar to a screw). Additionally, there are several different pipe sizes ranging from very small (one-fourth inch) to very large. Currently, PVC piping counts for the majority of plumbing in the U.S. and is the preferred standard for new construction.



# Detailed Project Report On Ayurvedic Churna & Tablets

- Ayurvedic medicine is a traditional type of medicine. It is now being recognized all over the world as one of the best type of medicine. It was ingredients derived from nature in palatable condition. It has sub-types of medicines like likable (Lehya), Tablets (Bori), Liquid (Peya), Extracts (Ariata), powder (Churna), etc. here Liquid & Powder for us of Ayurvedic medicines are envisaged for production. Though the specifications of such Ayurvedic medicines are as per Ayurved, now -a-days some practices of Indian pharmacopoca and good-Manufacturing Practice of Medicine manufacturing are applied to Ayurvedic medicine as well.

# Detailed Project Report On Particle Board (Wood Base)

- Particle Boards are a relatively new type of engineered wood product that are made from gluing together small chips and saw-dust and firmly pressing them together to make boards or sheet with particle board furniture becoming more commonly available in the market.
- Particle boards are engineered wood products that are made from very small particles of wood (such as sawdust and small wood flakes). These wood particles are often the by-products that are obtained while making other types of wood such as plywood or blackboards, and hence particle boards are very cost-effective to make.

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# Detailed Project Report On Fusion Bonded Epoxy Coating of Rebars

- Fusion bonded epoxies are one part, heat curable, thermosetting epoxy utilized for corrosion protection. FBEs are applied to heated parts in a powder form that rapidly gels from liquid to a solid and have remarkable adhesion to the steel surface. FBEs are also very resilient coatings that resist damage during handling. FBEs are environmentally friendly and contain no volatile organic compounds (VOCs).
- Fusion bonded epoxy coating, commonly referred as FBE coating is widely used to protect concrete reinforcing rebars, steel pipes, piping connections, etc used in construction. FBE coatings are in the form of dry powder at normal atmospheric temperature. FBE coating is a robust single-layer coating, applied by using electrostatic spray guns, and which provides excellent adhesion, flexibility and a marked resistance to cathodic disbandment – even at elevated pipeline temperatures.

# Detailed Project Report On Wooden Pencils

- A pencil is lead material enclosed in wood or put in metal holder used for drawing or writing. Pencil is a valuable item used by all levels of schools and in all business and government organization. Pencils are made from soft wood and lead. As everybody knows pencils are basic instruments for learning and for many types of office work such as writing, sketching, calculating.
- Pencil is an item of use almost in every household, office, school, college etc. for writing on paper, making sketches, drawing and such other purposes. Depending on the type of carbon used in them, pencils are categorized as soft medium and hard. Due to smooth and easy handling of pencils it has got a wide application in various fields like copying, sketching, writing etc. Colored pencils are much popular in drawing and paintings. Important factors for the popularity of the pencils are:-Considerable life ,Can be erased , Smooth in copying , Less wear and tear , Availability in almost all the colors.

# Detailed Project Report On Masala Powder

- Spices are non-leafy parts (e.g. bud, fruit, seed, bark, rhizome, bulb) of plants used as a flavoring or seasoning, although many can also be used as a herbal medicine. A closely related term, 'herb', is used to distinguish plant parts finding the same uses but derived from leafy or soft flowering parts. The two terms may be used for the same plants in which the fresh leaves are used as herbs, while other dried parts are used as spices, e.g. coriander, dill.
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- Spices are no longer regarded as wonders of medicine, but they still play an important part in the manufacture of many cosmetics and perfumes and are grown commercially for their coloring and preservative properties. Nutmeg and mace are no longer the main crops of the Moluccas, but instead are grown on a large scale on the West Indian island of Grenada. Cloves, however, still come from Madagascar and Zanzibar-names that are still evocative and romantic and hint strongly of spices.

# Detailed Project Report On Macaroni, Vermicelli & Atta Noodles

- Macaroni are made from wheat flour, carbonic salt water, pure salt, soft water and other additives. Carbonic salt water with sodium or potassium carbonate as the main constituent is an important additive giving the stickiness, elasticity, smoothness and good taste.
- Mixing or compounding wheat powder and additives (powder state) or their solution, is the most important factor deciding the quantity of the dough (paste state) of the additives are incorporated, with wheat powder, either dissolved or dispersed in carbonic salt solution or in emulsion state. The quantity of water and salt used in the process differs in summer and winter, as viscosity and osmotic pressure are sensitive to temperature.

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# 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
- Market Research Reports
- Technology Books and Directory
- 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 *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

## Sectors We Cover *Cont...*

- 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 *Cont...*

- 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 *Cont...*

- 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 *Cont...*

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

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