

A Guide on how to start your own Gypsum Business. A Profitable Business Opportunity

Handbook on Gypsum and Gypsum Based Products (Mining, Processing, Transportation, Handling & Storage, Gypsum Board, Plaster of Paris with Machinery & Equipment Details)

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Delhi, India Feb 21, 2022 (Issuewire.com) - At times one is groping in the dark for an avenue to work in. If you are searching for an option to do something worthwhile, perhaps in the arena of building, construction, or interior décor, here is an ace up your sleeve. Within a few hours of soul-searching reading, you can learn the craft of the world of gypsum. Now, we come to an interesting facet. There are handbooks galore. Not all are helpful. Some are. And they stand the test of time. They actually give you the pulse of the subject they are based on. We have with us the '[Handbook on Gypsum and Gypsum Based Products \(Mining, Processing, Transportation, Handling & Storage, Gypsum Board, Plaster of Paris with Machinery & Equipment Details\)](#)', priced at Rs 2,275. Authored by Mr. P.K. Tripathi, this 360-page verse on gypsum is published by the NIIR Project Consultancy Services, and guides even a layperson in becoming a literal authority on this topic. A one-window peek into the gypsum realm, all that it does, all that it can do, et al, is thoroughly dealt with in this well-written volume.

So, to begin with, what can gypsum do? This is a building block in constructing manmade structures and is of particular use in erecting residential properties. Of wide use in partitioning multi-family rooms, and for other related purposes, this wonder substance is of immense utility in this sphere. Its primary properties of durability coupled with a light-weighted texture give it immediate placement in the arena of construction. The book begins its encore with the chemical identification and analysis of gypsum. Then on, it goes through the vagaries of plaster of Paris, calcium sulfate, the physical and chemical properties of [gypsum](#), its history, gypsum moulds, and so on. The unique traits of gypsum including its fire-resistant capacity, non-combustible nature, along with its acoustic and thermal traits come through to the reader here. In short, you can familiarize yourself with this compound quickly, effectively, and adequately.

Following sequentially, next in line is an entire chapter devoted to the [gypsum manufacturing](#) process. This talks of the raw materials, how gypsum helps in sound regulation, production paraphernalia, installation and dismantling abilities, its thermal insulation and impact-resistant traits, its suppleness and aesthetic narratives, et al. The inherent characteristics of this go-to chemical, how it increases the value of organics, how it helps in reclaiming acidic soils, how it counteracts subsoil acidity, it enhances water use efficiency, how it is an excellent source of calcium and sulfur, makes it possible to use low-quality irrigation water, in effect, are detailed about. It prevents water logging of soil, helps earthworms flourish, et al, are just some of the positive features of gypsum. Hence, to set up a flourishing unit that is making this product is a venture worth delving into. However, to do this, and to be convinced about its utility and viability, one requires scrutiny like no other. Happy to report, this book is one such messiah from heaven in this regard.

The types of gypsum products, the setting time, the mixing time, are its next-in-line informative material. Then on, is a roll call on the plaster of Paris, common plaster additives, the applications and uses of POP, uses in medicinal and fireproof fields, the gypsum board manufacturing process, acoustic applications, ceiling applications, drywall, blending of additives, sheathing, and backing board nuances. The page-wise roster continues with soil crusting, nutrient availability, manure treatment, animal bedding, poultry bedding, different types of drywall (how to build it, installation, fixing tools, cutting tools, marking tools), gypsum usage in dentistry, gypsum as an agricultural product, along with its use in soil conditioning. Mining technology, exploration techniques, topography, hydrology, deposit evaluation, drilling and sampling, testing procedures, et al, follow on.

The preparation of anhydrite, calcinations methods, batch kettle, rotary kilns, the role of gypsum in cement including its strength and volume stability, the technology of gypsum and gypsum plasters with packaging and transportation nitty-gritty, come in next. Grinding and calcining of gypsum, crystallization and dissolution, [mineralogy](#), and surface behavior, et al, are also given a suitable mention. Gypsum pellets, and composting along with flow diagrams, the elements required for this including binders and beneficiation, et al, figure in this roster of the written text. The BIS specifications, process flow sheet,

plant layout, machinery details with pictorial content, suppliers' details for hammer mills, pulverizer, mixer, rotary calciner, and the like, figure in prominently. Gypsum plaster spraying machine, semi-automatic bandage machine, too, is detailed in.

Incidentally, [NIIR Project Consultancy Services](#) is a well-established and famed name in the vista of technical consultancy services. Thus, there is a definite surety that any content that comes from this house of reliability is of good value and tremendous utility. The trustworthy matter imparted in this handbook is proof enough of the dependency that one can entrust onto a product from this reputable company.

At the end point, one has to refer to the goldmine of information that comes through in this particular volume. It is a very viable asset for anyone that is thinking of foraying into the gypsum usage segment for professional or personal reasons. This literature can also be put into proper usage by academicians or those that desire to incorporate gypsum or its products into their own spheres for any reasons whatsoever, be they educational or not.

In hindsight, it is necessary to clearly recall that [gypsum](#) is a product of utility in different sectors, as mentioned earlier on. Hence, it categorizes as a compound that needs full-scale detailing on its production passages, its uses, advantages, and applications. This handbook does the homework in terms of informing and educating any avid person on all this nitty-gritty and on even more. It is totally complete in its research work on what the gypsum realm is all about and how it can benefit mankind in varying capacities, be it in the constructing field or in the world of dentistry or interiors. Thence, there is actual use in going through this exhaustive repertoire!

About Niir Project Consultancy Services (NPCS)

NPCS provides reliable consultancy services worldwide and has been excelling its expertise in a wide range of services. NPCS also published a monthly magazine [Entrepreneur India](#) since 1995. Which is widely read by Entrepreneurs, businessmen, etc. The services includes: investment opportunities, technology transfers, [pre-feasibility study](#), business plan, new project identification, project feasibility, identification of profitable industrial project opportunities, thorough analysis of the project, plan all resources & details on capital and operational costs, economic feasibility study of the project, profile analysis, preparation of project profiles / pre-investment studies, market surveys/studies, preparation of techno-economic feasibility reports, funding analysis, market potential study, identification and section of plant /process/equipment, general guidance, technical and [commercial counseling for setting up new business](#).

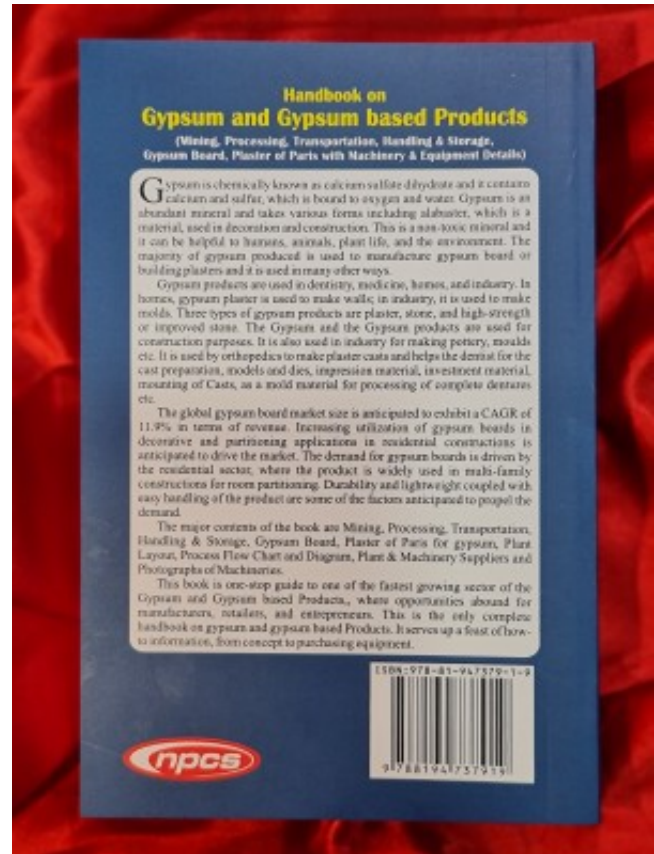
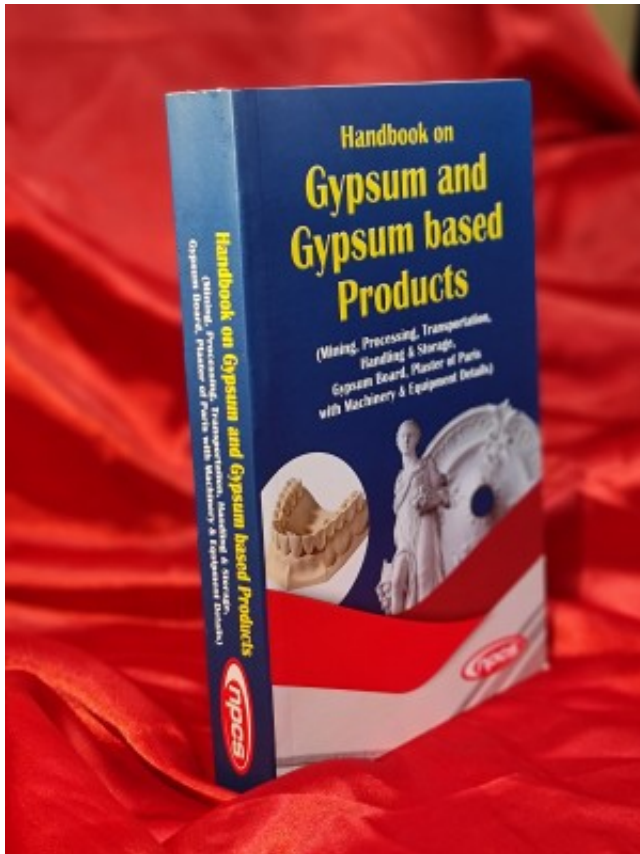
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