

Entrepreneur India

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Gypsum Mining for Production of Plaster of Paris

Powder

Capacity:	Gypsum Powder: 4800 MT/Day Plaster of Paris Powder: 7200 MT/Day
Plant and machinery cost:	338700.00 Lakh
Working Capital:	0.00 Lakh
Rate of return(ROR):	16.00 %
Break Even Point (BEP):	50.00 %
TCI:	0.00 Lakh
Cost of Project:	394800.00 Lakh

Gypsum is a soft sulfate mineral composed of calcium sulfate dihydrate, with the chemical formula $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$. It is widely mined and is used as a fertilizer, and as the main constituent in many forms of plaster, blackboard chalk and wallboard. Gypsum is the most common sulfate mineral. Pure gypsum is white, but other substances found as impurities may give a wide range of colors to local deposits. Gypsum is an important raw material used in the manufacture of cement. Consumption of gypsum varies from 2 to 6% in different plants depending upon the quality of clinker. India has good reserves of natural gypsum, mainly in Rajasthan, Gujarat and Tamil Nadu. The Indian market for Gypsum is expected to reach about 333.64 million m² by 2021 from 221.75 million m² in 2016. Which facilitates the development of new technologies and ensure a high quality product.

NIIR Project Consultancy Services (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are: Pre-feasibility study, New Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies, Market Surveys and Studies, Preparation of Techno-Economic Feasibility Reports, Identification and Selection of Plant and Machinery, Manufacturing Process and or Equipment required, General Guidance, Technical and Commercial Counseling for setting up new industrial projects and industry. NPCS also publishes various technology books, directory, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureau, consultants and consultancy firms as one of the input in their research.

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