

Cement 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, Product

Description:

Cement is a material with adhesive and cohesive properties which make it capable of bonding mineral fragments into a compact whole. It can be defined as any substance, which can join two or more pieces of some other substance together to form a unit mass. It is an inorganic, non-metallic substance with hydraulic binding properties, and is used as a bonding agent in building materials. It is a fine powder, usually gray in color that consists of a mixture of the hydraulic cement minerals to which one or more forms of calcium sulfate have been added. Mixed with water it forms a paste, which hardens due to formation of cement mineral hydrates. Cement is the binding agent in concrete, which is a combination of cement, mineral aggregates and water. Concrete is a key building material for a variety of applications.

Cement, as used in construction industries, which when mixed with water and allowed to set and harden can join different components or members together to give a mechanically strong structure. Thus cement can be used as bonding material for bricks or for bonding solid particles of different sizes (rubber masonry) to form a monolith.

For more details download PDF file

Keywords: Cement and Cement based Products, Cement Industry, Cement Plant, Cement 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

Created At: 18 Jun, 2016