

Designing Green Cement Plants

S.P. Deolalkar

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Cement production is known to be a polluting and energy-intensive industry. Cement plants account for 5 percent of global emissions of carbon dioxide and one of the main causes of global warming. However, cement it is literally the glue of progress. **Designing Green Cement Plants** provides the tools and techniques for designing new large cement plants that would promote sustainable growth, preserve natural resources to the maximum possible extent and make least possible additions to the Greenhouse Gases that cause global warming.

Brief and but authoritative, this title embraces new technologies and methods such as Carbon Capture and Sequestration, as well as methods for harnessing renewable energy sources such as wind and solar. The author also discusses the efficient use of energy and materials through the use recycling. In addition, this book also examines the possibilities of developing green cement substitutes such as Calera, Caliix, Novacem, Aether and Geopolymer cements.

- Includes the tools and methods for reducing the emissions of greenhouse Gases
- Explores technologies such as: carbon capture and storage and substitute cements
- Provides essential data to determining the unique factors involved in designing large new green cement plants
- Includes interactive excel spreadsheets
- Methods for preforming a cost benefits analysis for the production of green cements as opposed to conventional OPC



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From reader reviews:

Terri Hatfield:

Playing with family in the park, coming to see the ocean world or hanging out with buddies is thing that usually you could have done when you have spare time, and then why you don't try point that really opposite from that. One activity that make you not feeling tired but still relaxing, trilling like on roller coaster you already been ride on and with addition of information. Even you love Designing Green Cement Plants, you can enjoy both. It is fine combination right, you still want to miss it? What kind of hang-out type is it? Oh can occur its mind hangout fellas. What? Still don't understand it, oh come on its identified as reading friends.

Micheal Clothier:

This Designing Green Cement Plants is great publication for you because the content and that is full of information for you who always deal with world and still have to make decision every minute. This kind of book reveal it information accurately using great organize word or we can declare no rambling sentences in it. So if you are read the item hurriedly you can have whole facts in it. Doesn't mean it only gives you straight forward sentences but tough core information with beautiful delivering sentences. Having Designing Green Cement Plants in your hand like having the world in your arm, facts in it is not ridiculous one particular. We can say that no guide that offer you world inside ten or fifteen small right but this reserve already do that. So , this is certainly good reading book. Heya Mr. and Mrs. busy do you still doubt in which?

Mary Bolinger:

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