



## Concrete Technology (Paperback)

By S. S. Bhavikatti

I K International Publishing House Pvt. Ltd, India, 2015. Paperback. Condition: New. Language: N/A. Brand New Book. The book is intended to help students of civil engineering and practicing civil engineers to understand the theoretical and practical aspects of concrete technology. It includes the latest specifications and regulations of Indian Standards (IS) for concrete construction and mix design. The book includes 17 chapters that provide an introduction to concrete structures, the properties and requirements of constituents of concrete, including the role of various admixtures to get special properties. The properties of fresh concrete and hardened concrete and the method of testing them as per IS codes is explained in detail. The concrete mix design procedure as per latest IS provisions of IS 10262:2009 is explained and illustrated with examples for normal concrete as well as for fly ash mixed concrete. Concreting in challenging environments, quality control and repairs and rehabilitation of concrete structures are also thoroughly discussed. Key features: \* Covers the theory with simple and precise explanations.\* The text is illustrated with diagrams, photographs and tables.\* Incorporates mix design procedure as per IS 10262:2009.\* Quality control of concrete is systematically explained.\* The repair and rehabilitation of concrete structures is illustrated...



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