



## Concrete Technology

By S.S. Bhavikatti

I.K. International Publishing House Pvt. Ltd., 2015. Paperback. Book Condition: New. 18cm x 24cm. 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 covering introduction to concrete structures, 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 are explained in detail with neat sketches. 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 under challenging environments, quality control and repairs and rehabilitation of concrete structures are discussed thoroughly. Key Features: Covers the theory with simple and precise explanation, Text illustrated with generous use of diagrams, latest photographs and tables, Incorporates mix design procedure as per IS 10262:2009, Quality control of concrete explained systematically, Repair and rehabilitation of concrete structures is illustrated in detail.



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