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## Concrete Technology Practices

By Aminul Islam Laskar

Alpha Science International Ltd. Hardback. Book Condition: new. BRAND NEW, Concrete Technology Practices, Aminul Islam Laskar, CONCRETE TECHNOLOGY PRACTICES contains fundamentals of the subject concrete technology such as hydration of cement, cement types, concrete making materials, workability, hardened properties of concrete, durability, mix design, chemical and mineral admixtures, and non-destructive testing. Recent developments in concrete science and engineering such as self compacting concrete, high performance concrete, fiber reinforced concrete, ultra high performance concrete, rheology of concrete have also been appended as individual chapters. Special topics like some sophisticated and special techniques in concrete technology such as mercury intrusion porosimetry, nitrogen adsorption test, impact echo test, ground penetration radar, XRD, SEM, impact testing etc have been covered. The unique feature of the book is inclusion of some of the latest topics in this subject such as waste materials in concrete, geopolymer concrete, pervious concrete, radiation shielding, concrete at cryogenic temperature, nanotechnology and nano-materials in concrete. It will provide up-to-date information on the subject and ready reference of the relevant Codal provisions. The book will serve as a text book at undergraduate and postgraduate level in Civil Engineering in Universities, NITs and IITs. It will also serve as a ready reference for...



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