

Concrete Mix Design Quality Control and Specification, Third Edition: The Ultimate Guide to Designing Durable and High-Performance Concrete



Concrete Mix Design, Quality Control, and Specification, Third Edition by Ken W. Day

★★★★★ 5 out of 5

Language : English
File size : 6622 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 380 pages



Concrete is one of the most important materials used in construction. It is used to build everything from homes and bridges to dams and skyscrapers. The quality of concrete is therefore of paramount importance. Concrete Mix Design Quality Control and Specification, Third Edition is the definitive guide to designing durable and high-performance concrete.

This comprehensive book covers everything you need to know about concrete mix design, from the basics of concrete chemistry to the latest advances in concrete technology. The book is written by a team of experts with decades of experience in the concrete industry. They provide clear and concise explanations of the principles of concrete mix design, as well as

practical guidance on how to design concrete mixes for specific applications.

The book is divided into three parts. The first part covers the basics of concrete mix design. This includes discussions of the different types of cement, aggregates, and admixtures, as well as the principles of concrete chemistry. The second part of the book covers the design of concrete mixes for specific applications. This includes discussions of concrete mix design for pavements, bridges, buildings, and other structures. The third part of the book covers quality control and specification of concrete. This includes discussions of the different methods of testing concrete, as well as the principles of concrete specification.

Concrete Mix Design Quality Control and Specification, Third Edition is a must-have for anyone involved in the design, production, or quality control of concrete. The book provides a comprehensive overview of the latest advances in concrete technology, and it is written by a team of experts with decades of experience in the concrete industry.

Benefits of Concrete Mix Design Quality Control and Specification, Third Edition

- Provides a comprehensive overview of the latest advances in concrete technology
- Written by a team of experts with decades of experience in the concrete industry
- Covers everything you need to know about concrete mix design, from the basics of concrete chemistry to the latest advances in concrete technology

- Includes practical guidance on how to design concrete mixes for specific applications
- Covers quality control and specification of concrete

Who Should Read Concrete Mix Design Quality Control and Specification, Third Edition?

Concrete Mix Design Quality Control and Specification, Third Edition is a must-have for anyone involved in the design, production, or quality control of concrete. This includes:

- Concrete engineers
- Concrete contractors
- Concrete producers
- Concrete quality control inspectors
- Concrete researchers

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