

What's New

Code Requirements for Design and Construction of Concrete Structures for the Containment of Refrigerated Liquefied Gases and Commentary—ACI 376-11

This code provides minimum requirements for design and construction of reinforced concrete and prestressed concrete structures for the storage and containment of refrigerated liquefied gases (RLG) with service temperatures between +40 and -325°F. The principles listed herein are applicable to concrete foundations of double-steel tanks subject to the approval of the owner.

Container design shall include the design of the container wall, its foundation (footing and floor slab), the concrete portions of its roof, and the bund wall, whenever applicable. Available in hard copy or electronic format.

Order Codes: 376112.CI

Pages: 149

Price: \$129.50 (ACI member \$78.00)

A Better Way to Build: A History of the Pankow Companies, published by Purdue University Press

While architects have been the subject of many scholarly studies, we know very little about the companies that built the structures they designed. This book is a study in business history as well as civil engineering and construction management. It details the contributions that Charles J. Pankow and his firm have made as builders of large, often concrete, commercial structures since the company's foundation in 1963. In particular, it uses selected projects as case studies to analyze and explain how the company innovated at the project level.

The book includes dozens of photographs of buildings under construction. Extending beyond the scope of most business biographies, this book is a study in industry innovation and the power of corporate culture.

Order Codes: BWBHPC.CI

Pages: 480

Price: \$45.00 (no discount on industry publications)

Some Writers on Concrete: The Literature of Reinforced Concrete, 1897-1935, published by Whittles Publishing

The book is a blend of biography and bibliography that traces the emergence and development of the specialist book literature on concrete at a time when reinforced concrete was a new technology. The book covers the time span from 1897 (and the first complete building of reinforced concrete in the United Kingdom) to 1935, when the literature increased and the basic technology was understood and codified.

Some Writers on Concrete contains the biographies of significant figures from the UK and USA in the develop-

ment of concrete technology and provides comprehensive bibliographical coverage of their work published in book form. It collates the work of numerous writers to form a corpus of literature and engenders an understanding of the unfolding narrative of concrete theory and practice.

Order Code: SWC.CI

Pages: 320

Price: \$79.95 (no discount on industry publications)

Placing Reinforcing Bars 2011, Ninth Edition, published by Concrete Reinforcing Steel Institute

This publication presents the practices in placing reinforcing bars in structures and pavement. It is written for apprentices, journeymen ironworkers, and inspectors and is a definitive resource for preparing provisions in project specifications. Eighteen heavily illustrated chapters cover topics including types of materials; handling of bars at the job site; general principles for bar placing, splicing, and tying; and bar placement in footings, walls, columns, floors, roofs, pavement, and transportation structures. It also includes a chapter on epoxy-coated and other coated reinforcement.

Order Code: PRB.CI

Pages: 288

Price: \$50.00 (no discount on industry publications)

Spanish Version of Placing Reinforcing Bars 2011

Order Code: PRBS.CI

Price: \$50.00 (no discount on industry publications)

What's Coming Summer 2013

Report on Nondestructive Test Methods for Evaluation of Concrete in Structures—ACI 228.2R-13

Report on Controlled Low-Strength Materials—ACI 229R-13

Report on Internally Cured Concrete Using Prewetted Absorptive Lightweight Aggregate—ACI (308-213)R-13

Specification for Pervious Concrete Pavement—ACI 522.1-13