

TECHNICAL DOCUMENTS

CP-19 22nd Edition: Technician Workbook for ACI Certification of Concrete Strength Testing Technician

This workbook contains information about the ACI Concrete Strength Testing Technician (CSTT) certification program, study questions, sample checklists, and a practice exam, as well as reprints of all the resource materials referenced by the certification examinations.

CP-1 36th Edition: Technician Workbook for Concrete Field Testing Technician—Grade I

A study guide for the examinee, this workbook provides information and instructional material on the required ASTM testing procedures.

ACI UNIVERSITY ONLINE COURSES

On-Demand Course: Hot-Dip Galvanized Rebar: It Works

Learning Objectives

1. Discuss the hot-dip galvanizing process.
2. Identify reasons specifiers choose galvanized reinforcing steel (corrosion protection, durability, longevity, availability, sustainability, and cost).
3. Understand design issues affecting hot-dip galvanized reinforcing steel performance in concrete.
4. Recognize the positive environmental and economic contributions of hot-dip galvanizing to the goals of sustainable development.

Continuing Education Credit: 0.1 CEU (1 PDH)

On-Demand Course: Evaluation of Concrete Structures

Learning Objectives

1. Explain the tasks and responsibilities of owner groups, licensed design professionals, and contractors on concrete evaluation, repair and renovation of deteriorated or damaged concrete structures.
2. Identify potential evaluation methods and strategies for rehabilitation of concrete structures.
3. Describe techniques to renovate and repair damaged or corroded parking deck slabs with unbonded post-tensioned tendons.
4. Recognize the engineering challenges of evaluation and repair of existing structures. Describe successful techniques to

repair and renovate deterioration in prestressed precast concrete parking structure, including punching shear overstress in slabs, and spalling at deck expansion joints.

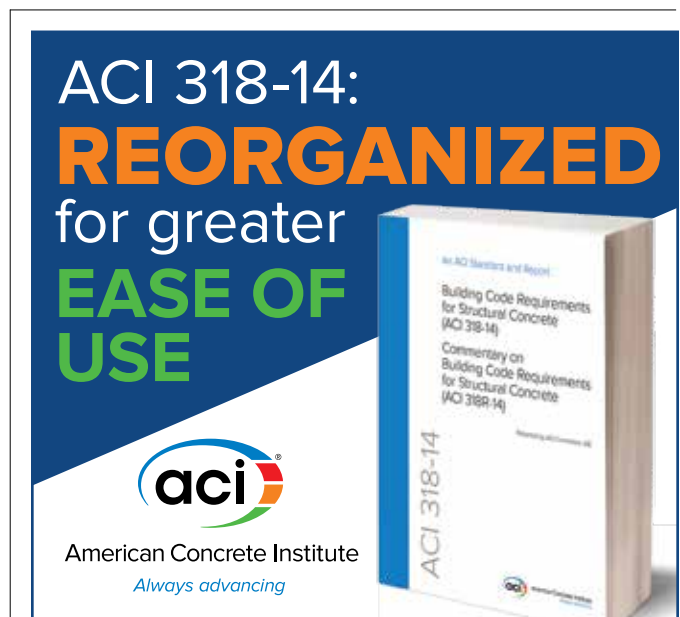
Continuing Education Credit: 0.1 CEU (1 PDH)

On-Demand Course: New Developments in Chemical Admixtures—An ACI 212 Update

Learning Objectives

1. Identify the important changes in the ACI 212R-16 Report on Chemical Admixtures for Concrete from the previous version.
2. Describe some different ways concrete mixed with admixtures, properly designed to improve concrete workability, finishability, strength, and durability properties, adds sustainability qualities to concrete structures.
3. Explain how workability retaining admixtures effects the concrete workability properties at the point of truck delivery.
4. Identify some effects viscosity modifying and rheology modifying admixture have on improving the workability of concrete.
5. Discuss effects of some admixtures have on placing, compacting, and finishing pervious concrete pavement.

Continuing Education Credit: 0.15 CEU (1.5 PDH)



ACI 318-14:
REORGANIZED
for greater
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ACI 318-14
Building Code Requirements for Structural Concrete (ACI 318-14)
Commentary on Building Code Requirements for Structural Concrete (ACI 318-14)

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