
BUILDING CONSTRUCTION EXAMINATION

# of Questions	Minimum Passing Score	Time Allowed
80	56 (70%)	180 Minutes

CONTENT OUTLINE

Content Area	# Items Test
Sitework	7
Concrete	13
Masonry	7
Metals	10
Carpentry	7
Thermal and Moisture Protection	7
Doors and Windows	3
Finishes	3
Safety	8
General Code Plan Reading and Estimating	15

EXAMINATION STUDY MATERIALS

The reference materials listed below were used to prepare the questions for this examination. The examination may also contain questions based on trade knowledge or general industry practices. Except for Code books, you can base your answers on later editions of references as they become available. For Code questions, the examinations will be based only on the edition of the Code book that is listed.

This examination is OPEN book. The following references are allowed in the test room.

International Building Code, 2018, International Code Council, 5203 Leesburg Pike, Suite 600 Falls Church, VA 22041, 7039314533, www.intlcode.org/

Code of Federal Regulations - 29 CFR Part 1926 (OSHA), with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or

<https://www.osha.gov/laws-regs/regulations/standardnumber/1926>

OR

Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI, with latest available amendments, www.psonlinestore.com, (866) 589-3088

Technical Digest No. 9 - Handling and Erection of Steel Joists and Joist Girders, 3rd Edition, 2008, Steel Joint Institute, 234 W. Cheves Street, Florence, SC 29501, Phone: (843) 407-4091, Fax (843) 407-4044,

<http://steeljoist.org/publications-1/technical-digest-no-9-handling-and-erection-of-steel-joists-and-joist-girders-third-edition-march-20>

Carpentry and Building Construction, 2010 or 2016 (Student Edition), John L. Feirer and Mark D. Feirer, McGraw-Hill, www.mheducation.com

Design and Control of Concrete Mixtures, 15th or 16th Edition, 2016, Steven H. Kosmatka, William C. Panarese, Portland Cement Association, 5420 Old Orchard Road, Skokie, IL 60077-1083, 847-966-6200,

<http://members.cement.org/EBiz55/Bookstore/Bookstor eHome.aspx>

Pipe and Excavation Contracting, Dave Roberts, 2011, Craftsman Book Company, (800) 829-8123, www.craftsman-book.com

Roofing Construction & Estimating, 1995, Daniel Atcheson, Craftsman Book Company, P.O. Box 6500, Carlsbad, CA 92018, www.craftsman-book.com

Training and Certification of Field Personnel for Unbonded Post-Tensioning - Level 1 Field Fundamentals, 2003, 3rd Edition. Post Tensioning Institute. 1717 West Northern Avenue, Ste 114 Phoenix, AZ 85021 248.848.3180

Modern Masonry - Brick, Block, Stone, Clois E. Kicklighter, 8th edition (2015). The Goodheart-Willcox Company, (800) 323-0440, www.g-w.com

Placing Reinforcing Bars, Recommended Practices, 2011 or later printing, 9th edition, Concrete Reinforcing Steel Institute, 933 North Plum Grove Rd, Schaumburg, IL 60173, Phone (800) 328-6306, www.crsi.org/index.cfm/placingbook

Candidates are responsible for bringing their own references to the examination center. Reference materials may be highlighted, underlined, **annotated**, and/or indexed prior to the examination session. However, references may not be written in during the examination session. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the department. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. References may be tabbed/indexed with permanent tabs only. Temporary tabs, such as Post-It notes, are not allowed and must be removed from the reference before the exam will begin.