HEAVY CONSTRUCTION EXAMINATION

# of Questions	Minimum Passing Score	Time Allowed
30	21 (70%)	75 Minutes

CONTENT OUTLINE

Content Area	# Items Test
Erosion and Sedimentation Control	2
OSHA Safety	6
Sitework	5
Concrete	6
Metals Including Concrete Reinforcement	3
Pipes	4
Pre-Cast and Pre-Stressed Concrete Erecting	4

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.

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/lawsregs/regulations/standardnumber/1926
OR
Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI, with latest available amendments, www.psionlinestore.com, (866) 589-3088

Storm Water Management for Construction Activities, 1992, Environmental Protection Agency, (202) 272-0167, www.epa.gov/npdes/pubs/owm0307.pdf

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

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

Erectors' Manual – Standards and Guidelines for the Erection of PreCast Concrete Products, 2nd Edition, 1999, Precast/Prestressed Concrete Institute (PCI), (312) 786-0300, info@pci.org

Construction Planning, Equipment, and Methods, 8th Edition, R.L. Peurifoy, McGraw-Hill Publishing, Inc., PO Box 545, Blacklick, OH 43004

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.