

CONCRETE FOOTING & FLATWORK

January 2005

SCOPE: Test a candidate's knowledge of concrete work, including formwork, placement of steel reinforcement, batching, mixing, delivery, placing, finishing, and curing

EXAMINATION OUTLINE

Open Book

50 Questions 2 hour time limit

70% Correct required to pass

SUBJECT AREA

Earthwork

Formwork

Reinforcing Steel

Concrete

Safety- Code of Federal Regulations

Estimating

REFERENCES

The reference materials listed below should be helpful to candidates in preparing for this examination. These materials may NOT contain all of the information needed to be competent in this trade or to pass the examination. We try to keep this reference list current and consisting of industry standard materials. This reference list is only a small sample of materials available which contain the necessary information.

The following references ARE allowed in the testing center:

International Residential Code for One-and-Two-Family Dwellings, 2003 edition or higher.

International Code Council, 5203 Leesburg Pike, Suite 600, Fall Church, VA 22041

International Building Code, 2003 edition or higher, International Code Council 5203 Leesburg Pike, Suite 600 Fall Church, VA 22041

29 CFR (Code of Federal Regulations) 1926 OSHA (Construction Industry) 2004 edition or higher
Superintendent of Documents, PO Box 371954, Pittsburgh, PA 15250-7954

The Contractor's Guide to Quality Concrete Construction 2nd edition 1998. American Concrete Institute (ACI) 38800 International Way Country Club Drive PO Box 9094 Farmington Hills, MI 48333

Construction Materials, Methods and Techniques, 1988 edition Delmar Publishing/Thomson Learning PO Box 6904 Florence, KY 41022

Formwork for Concrete 6th edition 1995 American Concrete Institute (ACI) PO Box 9094 Farmington Hills, MI 48333

Placing Reinforcing bars, Recommended Practices 7th edition 1997 Concrete Reinforcing Steel Institute, Distribution Center 933 N Plum Grove Rd Schaumburg, IL 60173-4758

Books and editions are subject to change without notice. Please be aware that there may be some questions/answers change due to code updates/edition changes. To receive information on how to obtain references, please call 812-429-9868.

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CFF 6-30-05