

## License Information

**Scope** – Tests a candidate's knowledge of the installation of piers and foundations using concrete, rebar and other materials common to the industry. Includes pile driving, excavation, forming and other techniques and equipment.

## Examination Outline

### Open Book

**80 Questions – Three-hour time limit**

**75% Correct required to pass**

Exam Topic	%
Sitework	13
Excavating	14
Grading	4
Driven Piles	20
Bored/Augered/Jetted Piles	5
Concrete Structure Forming	8
Reinforcement	6
Concrete	20
Safety – OSHA	10

## References

The following references **are allowed** in the testing center.

1. *Moving the Earth*, Fourth Edition, 1999, McGraw-Hill Publishing, Inc., P.O. Box 182604, Columbus, OH 43272, [books.mcgraw-hill.com](http://books.mcgraw-hill.com).
2. *Principles and Practices of Commercial Construction*, Seventh Edition, 2004, Prentice Hall/Pearson Education, Order Processing Center, P.O. Box 11071, Des Moines, IA 50336-0693, [vig.prenhall.com](http://vig.prenhall.com).
3. *Soils and Foundations*, Sixth Edition, 2004, Prentice Hall/Pearson Education, Order Processing Center, P.O. Box 11071, Des Moines, IA 50336-0693, [vig.prenhall.com](http://vig.prenhall.com).
4. *Excavation and Grading Handbook*, Revised Second Edition, 1987, Craftsman Book Company, 6058 Corte del Cedro, Carlsbad, CA 92009, [www.craftsman-book.com](http://www.craftsman-book.com).
5. *Construction Materials and Processes*, Third Edition, 1986, McGraw-Hill Publishing, Inc., P.O. Box 182604, Columbus, OH 43272, [books.mcgraw-hill.com](http://books.mcgraw-hill.com).

6. *Modern Carpentry*, 2003 Edition, Goodheart-Willcox Company, Inc., 18604 West Creek Drive, Tinley Park, IL 60477-6243, [www.goodheartwillcox.com](http://www.goodheartwillcox.com).
7. *Placing Reinforcing Bars, Recommended Practices*, Seventh Edition, 1997, Concrete Reinforcing Steel Institute, Distribution Center, 933 North Plum Grove Road, Schaumburg, IL 60173-4758, [www.crsi.org](http://www.crsi.org).
8. *Design and Control of Concrete Mixtures*, Fourteenth Edition, 2002, Portland Cement Association, 5420 Old Orchard Road, Skokie, IL 60077, [www.portcement.org](http://www.portcement.org).
9. *Code of Federal Regulations, Title 29, Part 1910*, July 1, 2004 Edition, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, [www.access.gpo.gov](http://www.access.gpo.gov).
10. *Code of Federal Regulations, Title 29, Part 1926 (OSHA)*, July 1, 2004 Edition, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, [www.access.gpo.gov](http://www.access.gpo.gov).
11. *OSHA Excerpts for Contractors*, Fourth Edition, 2003, Prometric, [www.prometric.com](http://www.prometric.com).

For information on how to obtain exam references, please call toll-free 877.624.2562.

## Copyrighted Exam Questions

All test questions are the property of Prometric Inc. and are protected by copyright. Federal law provides severe civil and criminal penalties for the unauthorized reproduction, distribution, or exhibition of copyrighted materials.