



MARINE PILE DRIVING SPECIALTY CONTRACTORS TRADE KNOWLEDGE EXAMINATION CONTENT INFORMATION

May 2024

The Marine Pile Driving Specialty Contractor portion of the specialty license examination is composed of 60 questions. It will be administered in one session via computer.

You should be prepared to respond to examination questions on any of the content areas listed. Questions asked and content areas tested on previous examinations should not be assumed to be the only possible questions to be asked or content areas to be tested on this examination.

The percentage of questions shown for each content area may vary by as much as plus or minus three (3) percent. Please refer to the Candidate Information Brochure and the Reference List for additional information.

Content Area 1 **17%** **Fundamentals of Pile Driving**

- basic knowledge of marine pile driving
- knowledge of the types of pile and properties

Content Area 2 **17%** **Pile Driving Equipment and Techniques**

- knowledge of pile driving techniques including hammers, vibratory setting, drilling, pumps, and mobile excavators

Content Area 3 **13%** **Design Considerations- Load and Integrity**

- knowledge of material types
- knowledge of installation methods
- knowledge of soil bearing capacity

Content Area 4 **13%** **Safety**

- knowledge of safety hazards
- knowledge of safety rules and regulations
- knowledge of Material Safety Data Sheets (MSDS)
- knowledge of HazMat requirements

Content Area 5 **10%** **Environmental and Jurisdiction**

- knowledge of environmental concerns
- knowledge of area jurisdiction
- knowledge of local, state, and federal regulations

Content Area 6 **10%** **Construction Management**

- knowledge of project management principles
- knowledge of contract and document management

Content Area 7 **7%** **Layout and Location**

- knowledge of property surveys
- knowledge of Riparian laws
- knowledge of project parameters

Content Area 8 **13%** **Building Fixed Marine Structures**

- knowledge of surveying
- knowledge of wood frame structures
- knowledge of metal structures
- knowledge of concrete structures