

# COMMONWEALTH OF VIRGINIA MARINE FACILITY CONTRACTING EXAMINATION

**Scope of Work:** Marine Facility Contracting (Abbr: MCC) means that service which provides for the construction, repair, improvement, or removal of any structure the purpose of which is to provide access to, impede, or alter a body of surface water. The CBC and H/H classifications also provide for this function. The MCC specialty does not provide for the construction of accessory structures or electrical, HVAC or plumbing functions.

# of Questions	Minimum Passing Score	Time Allowed
50	70% (35 correct)	120 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Piles and Pile Driving	20
Concrete	15
Concrete Reinforcing Steel	9
Safety	6

### EXAMINATION REFERENCE MATERIAL

The following is a list of possible reference materials for the examination. The list is given to identify resources and does not constitute an endorsement by PSI or by the Virginia Department of Professional and Occupational Regulation.

The reference material listed below was used to prepare the questions for this examination. The examination may also contain questions based on trade knowledge, or general industry practices. You can use any edition of references and Code books as they become available. However for Code questions, the examination will be based only on the edition of the Code book that is listed.

NOTE: All examinations are open-book. You must bring your own references as they are not provided at the test site. No study guides are permitted.

No loose papers or unbound references are permitted. If you download a reference from the Internet, it must be spiral bound or hole-punched and placed in a binder, or stapled in the left-hand corner.

References may be highlighted, underlined, and/or indexed prior to the exam. Reference materials containing any writing will not be allowed into the examination. You may not write in reference materials during the examination session. A candidate caught writing in the references during the examination will have the references confiscated and will be reported to the Department.

References may be tabbed with permanent tabs only. NO REMOVABLE TABS are allowed.

The following list of tabs may be used. These items may be purchased at local office supply stores.

#### Acceptable Tabs

- Avery Swift Tabs Self-Adhesive Permanent Plastic Tabs
- Redi-Tag Self-Stick Permanent Adhesive Index Tabs

#### Unacceptable Tabs

- Post-It Index Flags
- Post-It Flags

The URL listed for each reference is generated from the most current searches. However, placement of material on websites may be modified resulting in some discrepancies. If you are unable to find the reference under the URL listed, it is recommended that you search online via a search engine (e.g., Google).

- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, 888-512-1800, <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, (866) 589-3088, <https://www.psionlinestore.com/29-cfr-part-1926-selections-2013/>

- *Construction Planning, Equipment, and Methods*, Robert L. Peurifoy, 8<sup>th</sup> edition, 2010, McGraw-Hill, <https://www.amazon.com/Construction-Planning-Equipment-Methods-Peurifoy/dp/0073401129>
- *Placing Reinforcing Bars, Recommended Practices*, 2011, 9th Edition, Concrete Reinforcing Steel Institute, <https://www.amazon.com/Placing-Reinforcing-Bars-9th-CRSI/dp/B005GR19C0>
- *Design and Control of Concrete Mixtures*, 16<sup>th</sup> Edition, <https://www.amazon.com/Design-Control-Concrete-Mixtures-16th/dp/0893122777>
- *Building Code Requirements for Structural Concrete and Commentary*, American Concrete Institute (2014) (Ref Code - ACI31814) <https://www.concrete.org/store/productdetail.aspx?ItemID=318U14&Language=English>

