

APPLICATION FOR NEW LICENSE - ADDENDUM

For the following, based on your 'hands-on' experience, click the "arrow" to the right of the question to select one of the following from the "drop-down" menu:

- A. **Extensive:** The applicant can independently lead, design, or perform work in this aspect of marine construction from start to finish without supervision. *5+ years of direct experience*
- B. **Proficient:** The applicant has practical, hands-on experience and a solid functional understanding of this area of marine construction. *2 - 5 years of direct experience*
- C. **Minimal:** The applicant has only observed or assisted in this area of marine construction and cannot perform it independently. They require supervision and guidance from a more experienced professional. *Less than 2 years of direct experience*
- D. **None:** The applicant has no level of expertise, knowledge or practicable skills in this area of marine construction

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1. Overall General Marine Construction Experience

- ☐ On-Site Leadership (Foreman / Superintendent):
- ☐ General Construction Crew (Laborer):
- ☐ Equipment & Specialized Trades:
- ☐ Marine Operations (Captain/Deckhand):
- ☐ Management (project manager):
- ☐ Barge Work
- ☐ Deep Water Marine Work

Detail experience of water depth and/or distance from shore _____

2. Site Visit and Evaluation:

- ☐ Pier:
- ☐ Shoreline:
- ☐ Dredging:
- ☐ Boat Ramp:
- ☐ Stormwater:
- ☐ Other _____

3. Project Design:

- ☐ Pier:
- ☐ Shoreline:
- ☐ Dredging:
- ☐ Boat Ramp:
- ☐ Stormwater:
- ☐ Other_____

4. Bid Process

5. Wetland Authorization Application Process:

- Federal
 - ☐ MDSPGP:
 - ☐ Nationwide Permit:
 - ☐ Individual Permit:
- State:
 - ☐ General License / Permit:
 - ☐ Wetlands License/Permit:
 - ☐ Individual Water Quality Certification:
- Local:
 - ☐ Building Permit:
 - ☐ Grading Permit:
 - ☐ Buffer Management Plan:

6. Onsite Sediment Control Installation

- Turbidity Curtains
- Cofferdams
- Super Silt fence
- Filter Bags

7. Pollution Control Methods

- Floating Debris Booms
- Oil Absorbent Booms
- Experience managing and implementing NPDES Discharge Permits and associated Stormwater Pollution Prevention Plans (SWPPP):
- Participate in Clean Marina Program

8. **Pier Construction/Pile Driving**

- On-Site Leadership (Foreman / Superintendent):
- General Construction Crew (Laborer):
- Equipment & Specialized Trades (pile driving, crane, etc.):
- Marine Operations (Captain/Deckhand):
- Management (project manager):
- Barge work
- Deep water marine work
- Do you know what to look at on an existing pier when there is a concern about failure?
- Do you know how to calculate the pile length necessary and/or have a structural engineer who performs those calculations for each job?

Materials:

- Timber
- Concrete
- Steel

9. **Bulkhead Construction**

- On-Site Leadership (Foreman / Superintendent):
- General Construction Crew (Laborer):
- Equipment & Specialized Trades (pile driving, crane, etc.):
- Marine Operations (Captain/Deckhand):
- Management (project manager):
- Barge work
- Do you know what to look at on an existing bulkhead when there is a concern about failure?
- Do you know how to determine MHW?

Materials: (Bulkhead Construction)

- Timber
- Composite
- Steel
- Concrete

10. Revetment Construction

- On-Site Leadership (Foreman / Superintendent):
- General Construction Crew (Laborer):
- Equipment (excavator operator):
- Marine Operations (Captain/Deckhand):
- Management (project manager):
- Barge work
- Do you know what to look at on an existing revetment when there is a concern about failure?
- Have you ever staked out a job on site by using permit drawings ?
- Do you know how to read an engineer scale and a tape and ruler to the nearest 1/16 of a inch?
- Do you know what the different classes of rip rap are and size specifications?
- Do you know where to buy rip rap, sand and marsh plants?
- Do you know how to calculate tons of rip rap vs cubic yards?
- Do you know how to determine MHW?

11. Living Shoreline

- On-Site Leadership (Foreman / Superintendent):
- General Construction Crew (Laborer):
- Equipment (excavator operator):
- Marine Operations (Captain/Deckhand):
- Management (project manager):
- Barge work

- Do you know what to look at on an existing revetment when there is a concern about failure?
- Have you ever staked out a job on site by using permit drawings ?
- Do you know how to read an engineer scale and a tape and ruler to the nearest 1/16 of a inch?
- Do you know what the different classes of rip rap are and size specifications?
- Do you know where to buy rip rap, sand and marsh plants?
- Do you know how to calculate tons of rip rap vs cubic yards?
- Do you know how to calculate cubic yards of sand if provided a permit drawings?
- Can you identify SAV?
- Do you know how to determine MHW?

Types:

- Sills
- Vegetated Headland Breakwater
- Tombolos
- Coir Logs
- Reefs
- Other _____

12. Dredging & Sediment Removal

- On-Site Leadership (Foreman / Superintendent):
- General Construction Crew (Laborer):
- Equipment & Specialized Trades:
List Here: _____
- Marine Operations (Captain/Deckhand):
- Management (project manager):
- Barge work

Methods: (Dredging & Sediment Removal)

- Mechanical
- Hydraulic

13. Salvage: Debris & Abandoned Vessel Removal

- Deep water Experience

14. Underwater Diving

- Underwater Concrete & Grouting
- Pile Guiding
- Hardware Installation
- Pile Encapsulation
- Underwater Welding & Cutting
- Obstruction Removal
- Deep water Experience

15. Equipment Operator

- Marine Crane
- Pile-Driving Rig
- Drill Rig
- Excavator
- Bulldozer
- Dredge Leverman (Hydraulic)
- Barge/Scow Operator (Mechanical)
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Certifications:

16. Sediment Control Certifications:

MD Responsible Personnel Certification for
Construction Site Soil Erosion & Sediment Control:
List Other(s): _____

17. Safety Classes

- OSHA
List: _____
- MOSHA
List: _____

18. Coast Guard Courses

List: _____

(Certifications: Continued)

- 19. **First Aid/CPR**
- 20. **Maryland Contract Laws**
- 21. **Maryland Labor Laws**
- 22. **MHIC Rules & Regulations**
- 23. **Maryland Contract Laws**
- 24. **Maryland Labor Laws**
- 25. **Commercial Driver's License**
- 26. **Are you a PE?**

Misc. Experience

- 27. Do you know how to set limits on a GEM remote for a boat lift?
- 28. Do you know how to determine MHW?
- 29. Have you ever prepared a MDE permit application and made a scaled drawing of existing and proposed conditions?
- 30. Have you ever staked out a job on site by using permit drawings ?
- 31. Do you know how to read a engineer scale and a tape and ruler to the nearest 1/16 of a inch?
- 32. Do you know what the different classes of rip rap are and size specifications?
- 33. Do you know where to buy rip rap, sand and marsh plants?
- 34. Do you know what to look at on an existing pier, bulkhead or boat lift when there is concern about failure?
- 35. Can you identify SAV?
- 36. Do you know how to set limits on a GEM remote for a boat lift?
- 37. Do you know how to calculate tons of rip rap vs cubic yards?
- 38. Do you know how to calculate cubic yards of sand if provided a permit drawings?
- 39. Do you have any marine construction experience from US Military Service?
Provide experience details: _____
