DEPARTMENT OF HOMELAND SECURITY

U.S. Coast Guard

OFFICER SPECIALTY REQUIREMENTS (OSR)

Reference: COMDTINST M5300.3 (series)

SECTION I General Information

1. Specialty/Subspecialty Title (*Ex. Fixed Wing Aviation*)	2. Code (*Ex. CG-AVI11*)
Civil Engineering	CG-ENG13

3. Specialty/Subspecialty Description

Officers assigned to this sub-specialty manage the shore facility capital asset portfolio for the Coast Guard. They manage the entire life cycle of facilities by providing the planning, budgeting, designing, construction, commissioning, maintenance, demolition, & divesting of assets. This includes both product line & asset line mgmt of facilities.

4. Change Justification

☐ Annual Review ☐ Annual Review w/changes ☐ Required *(change in policy, law, etc.)*

☒ Other *(briefly state reason):* changes needed to more accurately reflect program requirements

SECTION II Initial (*Apprentice*) Specialty/Subspecialty Requirements

Enter items needed for specialty designation *(Use block 10 for additional space or another CGHQ-5318 form)*

5. Required items: Must complete 3 of the identified competencies, marked with an *	Competency	Training	Education	License
*CE-CCM, Civil Engineering Construction Contracts Management	×			
*CE-DS, Civil Engineering Design Skills	×			
*CE-PM, Civil Engineering Project Management	×			
*CE-FEPW, Facilities Engineering/Public Works	×			
*CONMGT, Construction Manamgement	×			
*CE-FDCC, FD&CC Projects Management	×			
*RPROPMGT, Real Property Management	×			
*OE-ENG, Ocean Engineering	×			
*CE-HQPM, Civil Engineering HQ Program Management	×			
CE Pipeline Training		×		
B.S. in Industrial, Naval, Civil, Electrical, Mechanical,			×	
Environmental Engineering, or related field from an ABET				
accredited University				

Notes: *(Required experience, in lieu of considerations...)*

- At least one (min 3 year) tour at a Civil Engineering Unit, FD&CC, HQ CE Program Office, or Facilities Engineering Dept with a positive Program (CG-43 or SILC) Endorsement is required
-In lieu of education, at least a three (3year) tour in any Coast Guard enlisted engineering rating (DC, MK, EM) supporting shore facilities
-Related field B.S. is subject to CG-43 approval

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Enter items desired for career broadening/specialization. *(Use block 10 for additional space or another CGHQ-5318 form)*

6. Desired items	Competency	Training	Education	License
Fundamentals of Engineering (FE) exam.	☐	☒	☐	☒
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

Notes:

SECTION III Requirements to Maintain Specialty Designation

7. Designation Duration *(Ex. OSC expires 7 years after date last used, usually detachment from OSC coded billet)*

☐ No requirements to maintain designation

☒ Subject to deletion if -

relieved for cause/relieved from primary duties in subject matter billet. OSC will expire 7 yrs from designation if member failed to meet the additional reqs below, re-designation only upon those items completion. O-5s/O-6s who earned ENG13 w/in the last 5 yrs will not expire.

Must remain current in, or must complete refresher training, or additional items as applicable, in the following	Competency	Training	Education	License
*RPROPMGT, Real Property Mgmt	☒	☐	☐	☐
*CE-HQPM, CE HQ program Mgmt	☒	☐	☐	☐
*CE-TENG, Tower Eng	☒	☐	☐	☐
*CE-FDCC, FDCC Project Mgmt	☒	☐	☐	☐
*ENG-LMGT, ENG Logistics Mgmt	☒	☐	☐	☐
*OE-ENG, Ocean Engineering	☒	☐	☐	☐
*CE-FM, Facilities Management	☒	☐	☐	☐
M.S. in Civil, Mechanical, Industrial, Ocean, Environmental, or	☐	☐	☒	☐
Electrical engineering from an ABET accredited school	☐	☐	☐	☐
RECOMMEND P.E. or A.I.A	☐	☐	☐	☒

Notes:

-Must have earned at least two of the competencies listed above, marked with *, can obtain any competency listed in section 5 that was not initially obtained

-Must complete 1 (min 3 years) tour at a CEU and; at least 1 (min 3 years)tour at FD&CC or FE or 1 staff (min 3 years) tour within program.

-In lieu of a M.S., a Professional Eng (P.E.) license or American Institute of Architects (AIA) license may be substituted

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SECTION IV Requirements to Advance: Journeyman/Master Levels (AJM)

☒ AJM IS NOT applicable for this specialty *(skip Section IV)*

☐ AJM IS applicable for this specialty *(Section II contains Apprentice requirements that must be met)*

Enter items needed for AJM designation *(Use block 10 for additional space or another CGHQ-5318 form)*

8. Journeyman *(in addition to block 5 items)* All items listed are required unless annotated with an *:	Competency	Training	Education	License
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

Notes: *(Required experience, in lieu of considerations...)*

9. Master *(in addition to block 8 items)* All items listed are required unless annotated with an * :	Competency	Training	Education	License
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

Notes: *(Required experience, in lieu of considerations...)*

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10. Additional Info:

11. Specialty Manager *(SM)* / Sponsor Program	12. SM Phone Number	13. SM Email Address
CDR Jeff W. Good/CG-438	(202) 475-5780	jeffrey.w.good@uscg.mil

SECTION V Appropriate Approval Authority

14. Competent Authority as established by Assistant Commandant/Directorate *(Printed Name/Title/Grade)*

CAPT James K. Ingalsbe

15. Signature	16. Date
Digitally signed by INGALSBE.JAMES.K.1044601714 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USCG, cn=INGALSBE.JAMES.K.1044601714 Reason: I have reviewed this document Date: 2015.02.18 09:04:03 -05'00'	18 Feb 2015

SECTION VI OPM-3 Review and Validation
Official once published by OPM-3

17. OPM-3 *(Printed Name/Title/Grade)*

CDR Beth Naff, OPM-3 Branch Chief

18. Signature	19. Date
NAFF.BETH.A.1025993248 Digitally signed by NAFF.BETH.A.1025993248 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USCG, cn=NAFF.BETH.A.1025993248 Date: 2015.03.02 12:08:52 -05'00'	3/2/2015