

Record of Assessment

for

Able Seafarer – Engine

Candidate's Name

Candidate's Signature

Candidate's Mariner Reference No.

RECORD OF ASSESSMENT

Able Seafarer – Engine

NOTE TO QUALIFIED ASSESSOR(S): In performing your function as a qualified assessor, you may use your initials only to indicate that you have personally witnessed the demonstration of skill or ability by the person being assessed. The Assessment Guidelines in Enclosure (2) will provide satisfactory evidence of meeting the standard of competence specified in Section A-III/5 of the STCW Code. The use of these Assessment Guidelines is not mandatory and an alternative means of having achieved the standards of competence in the STCW Code will be considered. In accordance with 46 CFR 12.601(b)(1)(i) alternative Assessment Guidelines must be submitted to the National Maritime Center and approved before use.

STCW Competence	Knowledge, Understanding, and Proficiency	Task No.	Task Name (Navy Training References)	Assessor's Initials	Date
Contribute to a safe engineering watch	Ability to understand orders and to communicate with the officer of the watch in matters relevant to watch keeping duties	1.1.A <i>RFPEW</i>	Understand orders (RFPEW)		
	Procedures for the relief, maintenance and handover of a watch	1.2.A <i>RFPEW</i>	Watch relief (RFPEW)		
	Information required to maintain a safe watch	1.3.A <i>RFPEW</i>	Watchkeeping (RFPEW)		
Contribute to the monitoring and controlling of an engine-room watch	Basic knowledge of the function and operation of main propulsion and auxiliary machinery	2.1.A <i>RFPEW</i>	Operation of main propulsion and auxiliary machinery (RFPEW)		
	Basic understanding of main propulsion and auxiliary machinery control pressures, temperature and levels	2.2.A <i>RFPEW</i>	Main propulsion and auxiliary machinery control pressures, temperature and levels (RFPEW)		
Contribute to fueling and oil transfer operations	Knowledge of the function and operation of fuel system and oil transfer operations	3.1.A	Operation of fuel system and oil transfer operations (43702.2.17)		

Notes:

RFPEW The assessment is met by holding or qualifying for an endorsement as Rating Forming Part of an Engineering Watch (RFPEW).

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STCW Competence	Knowledge, Understanding, and Proficiency	Task No.	Task Name (Navy Training References)	Assessor's Initials	Date
Contribute to bilge and ballast operations	Knowledge of the safe function, operation and maintenance of the bilge and ballast systems	4.1.A	Operation of bilge and ballast system (43119 302.2.9)		
Contribute to the operation of equipment and machinery	Safe operation of equipment, including: valves and pumps	5.1.A	Trace out a piping system (43702-A 201.1.1, 203.1.1, 206.1.1, 209.1.1; 356.5.1)		
		5.1.B	Operation of centrifugal and positive displacement pumps (43119 301.2.16)		
		5.1.C	Operation and repair of valves (43702-A 201.1.1, 203.1.1, 206.1.1, 209.1.1; 356.5.1)		
	Safe operation of equipment, including: hoists and lifting equipment; hatches, watertight doors, ports and related equipment Ability to use and understand basic crane, winch and hoist signals	5.2.A	Operation and repair of heavy equipment (OJT)		
Safe use of electrical equipment	Safe use and operation of electrical equipment, including: safety precautions before commencing work or repair; isolation procedures; different voltages on board	6.1.A	Assist with electrical repairs (43119 319.2.3)		
	Safe use and operation of electrical equipment, including: emergency procedures	6.2.A	Electrical safety (BECC)		
	Knowledge of the causes of electric shock and precautions to be observed to prevent shock	6.3.A	Electrical shock hazards (BECC)		

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Contribute to shipboard maintenance and repair	Ability to use painting, lubrication and cleaning materials and equipment	7.1.A	Surface preparation and coating (BECC ADV OPNAV 5100.19)		
	Understanding manufacturer's safety guidelines and shipboard instructions	7.2.A	Safety guidelines and shipboard instructions (BECC OPNAV 5100.19)		
	Knowledge of surface preparation techniques	7.3.A	Surface preparation techniques (BECC ADV or MLOC)		
	Knowledge of safe disposal of waste materials	7.4.A	Waste disposal (BECC)		
	Knowledge of metal work	7.5.A	Tool selection (BECC)		
	Knowledge of the application, maintenance and use of hand and power tools	7.6.A	Maintenance and use of hand and power tools (BECC)		
Contribute to the handling of stores	Knowledge of procedures for safe handling, stowage and securing of stores	8.1.A	Stowage and securing of stores and equipment (BECC)		
		8.1.B	Stores handling gear, cranes, derricks, and winches (43702-A 376)		
Apply precautions and contribute to the prevention of pollution of the marine environment	Knowledge of precautions to be taken to prevent pollution of the marine environment	9.1.A	Sources of operational pollution (BECC)		
		9.1.B	Precautions to prevent pollution of the marine environment (BECC)		
	Knowledge of the use and operation of anti-pollution equipment	9.2.A	Use of anti-pollution equipment (BECC)		
	Knowledge of the approved methods for disposal of marine pollutants	9.3.A	Waste generation and disposal (BECC)		

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STCW Competence	Knowledge, Understanding, and Proficiency	Task No.	Task Name (Navy Training References)	Assessor's Initials	Date
Apply occupational health and safety precautions	Working knowledge of safe working practices and personal shipboard safety including electrical safety	10.1.A	Electrical safety procedures (BECC)		
	Working knowledge of safe working practices and personal shipboard safety including lockout/tagout procedures	10.2.A	Lockout/tagout procedures (BECC)		
	Working knowledge of safe working practices and personal shipboard safety including mechanical safety	10.3.A	Mechanical safety (BECC)		
	Working knowledge of safe working practices and personal shipboard safety including permit to work systems	10.4.A	Safe working practices and personal shipboard safety (BECC)		
	Working knowledge of safe working practices and personal shipboard safety including working aloft	10.5.A	Safety when working aloft (OPNAV 5100.19)		
	Working knowledge of safe working practices and personal shipboard safety including working in enclosed spaces	10.6.A	Characteristics of enclosed spaces (BECC)		
		10.6.B	Enclosed space safety (BECC)		
		10.6.C	Enclosed space entry (BECC)		
	Working knowledge of safe working practices and personal shipboard safety including lifting techniques and methods of preventing back injury	10.7.A	Back injury prevention (BECC)		

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Apply occupational health and safety precautions	Working knowledge of safe working practices and personal shipboard safety including chemical and biohazard safety	10.8.A	Response to a chemical or biohazard spill <small>(NSTM 670; NSTM 593; OPNAV 5100.19)</small>		
		10.8.B	Procedures for exposure to a chemical or biohazard spill <small>(NSTM 670; NSTM 593; OPNAV 5100.19)</small>		
	10.9.A	Use of personal safety equipment <small>BECC; NSTM 670; NSTM 593; OPNAV 5100.19)</small>			

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ASSESSOR AND VESSEL INFORMATION

Qualified Assessors witnessing the successful demonstrations noted in this record should provide the information below relative to their service with the candidate, including their Mariner Reference Number.

Vessel Name and Propulsion Mode	Gross Tonnage (GRT or GT)	Dates of Service		Assessor Name	Assessor Signature	Sample Initials of Assessor	Assessor Mariner Ref. No.	Assessor Shipboard Position
		From	To					
M/V Handy Boy (Motor)	8,892 HP	04/01/2012	07/07/2012	John Titor	<i>John Titor</i>	<i>JT</i>	1234567	Chief Engineer

