

# 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	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		

## Notes:

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

**RECORD OF ASSESSMENT**

Able Seafarer – Engine

STCW Competence	Knowledge, Understanding, and Proficiency	Task No.	Task Name	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		
Contribute to the operation of equipment and machinery	Safe operation of equipment, including: valves and pumps	5.1.A	Trace out a piping system		
		5.1.B	Operation of centrifugal and positive displacement pumps		
		5.1.C	Operation and repair of valves		
	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		
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		
	Safe use and operation of electrical equipment, including: emergency procedures	6.2.A	Electrical safety		
	Knowledge of the causes of electric shock and precautions to be observed to prevent shock	6.3.A	Electrical shock hazards		

**RECORD OF ASSESSMENT**

Able Seafarer – Engine

STCW Competence	Knowledge, Understanding, and Proficiency	Task No.	Task Name	Assessor's Initials	Date
Contribute to shipboard maintenance and repair	Ability to use painting, lubrication and cleaning materials and equipment	7.1.A	Surface preparation and coating		
	Understanding manufacturer's safety guidelines and shipboard instructions	7.2.A	Safety guidelines and shipboard instructions		
	Knowledge of surface preparation techniques	7.3.A	Surface preparation techniques		
	Knowledge of safe disposal of waste materials	7.4.A	Waste disposal		
	Knowledge of metal work	7.5.A	Tool selection		
	Knowledge of the application, maintenance and use of hand and power tools	7.6.A	Maintenance and use of hand and power tools		
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		
		8.1.B	Stores handling gear, cranes, derricks, and winches		
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		
		9.1.B	Precautions to prevent pollution of the marine environment		
	Knowledge of the use and operation of anti-pollution equipment	9.2.A	Use of anti-pollution equipment		
	Knowledge of the approved methods for disposal of marine pollutants	9.3.A	Waste generation and disposal		

**RECORD OF ASSESSMENT**

Able Seafarer – Engine

STCW Competence	Knowledge, Understanding, and Proficiency	Task No.	Task Name	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		
	Working knowledge of safe working practices and personal shipboard safety including lockout/tagout procedures	10.2.A	Lockout/tagout procedures		
	Working knowledge of safe working practices and personal shipboard safety including mechanical safety	10.3.A	Mechanical safety		
	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		
	Working knowledge of safe working practices and personal shipboard safety including working aloft	10.5.A	Safety when working aloft		
	Working knowledge of safe working practices and personal shipboard safety including working in enclosed spaces	10.6.A	Characteristics of enclosed spaces		
		10.6.B	Enclosed space safety		
		10.6.C	Enclosed space entry		
	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		

**RECORD OF ASSESSMENT**

Able Seafarer – Engine

<b>STCW Competence</b>	<b>Knowledge, Understanding, and Proficiency</b>	<b>Task No.</b>	<b>Task Name</b>	<b>Assessor's Initials</b>	<b>Date</b>
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		
		10.8.B	Procedures for exposure to a chemical or biohazard spill		
	Working knowledge of safe working practices and personal shipboard safety including personal safety equipment	10.9.A	Use of personal safety equipment		

**RECORD OF ASSESSMENT**

Able Seafarer – Engine

**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

