



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF TRANSPORTATION  
**MARITIME INDUSTRY AUTHORITY**  
STCW OFFICE

# ELECTRO-TECHNICAL RATING (ETR)

This record book provides the evidence of achieving the required training and experience in accordance with Regulation III/7, 2.2.2.1 of the STCW Convention, 1978, as amended.

## ANNEX A

*Onboard Record of  
Training and  
Experience (OBRTE)*

*In case of loss, please return this record book to the Maritime Industry Authority- STCW Office  
MARINA Building, Bonifacio Drive cor. 20<sup>th</sup> Street, Port Area, Manila, Philippines*

# ON-BOARD RECORD OF TRAINING AND EXPERIENCE

Candidates for certification as **Electro-Technical Rating (ETR)** on vessels powered by main propulsion machinery of 750 KW propulsion power or more as required by the STCW Convention, 1978, as amended.

## ELECTRO-TECHNICAL RATING

SRN: \_\_\_\_\_

Complete Name:	
Signature:	
Home Mailing Address:	
Tel No. or Mobile No.:	
Valid Email Address:	

## Onboard Record of Training and Experience

Under the STCW Convention Regulation III/7, the mandatory minimum requirements for certification of Electro-Technical Ratings, paragraph 2.2.2.1 states, “Every candidate shall have completed approved seagoing service including not less than twelve (12) months of training and experience”. This OBRTE provides evidence of achieving the required training and experience in accordance with Regulation III/7, 2.2.2.1 of the STCW Convention, 1978, as amended. The contents of this Annex are derived from Table A-III/7 of the STCW Code to assist the candidate and the Engine Officer/ETO in the demonstration of the required task/s. Prior to the candidate’s embarkation, the printed OBRTE must be registered in the MARINA Examination and Assessment Division (EAD) for the issuance of a CONTROL NUMBER, which will be indicated in the OBRTE. MARINA will only issue a control number to a candidate whose rank/position, as indicated in their Contract of Employment, shall be limited to any of the following:

- Electro-Technical Cadet; or
- Electrician Trainee; or
- Electrician Cadet; or
- Electrician; or
- Helper Electrician; or
- Assistant Electrician; or
- Junior Electrician; or
- Positions not listed above will be subjected to a thorough evaluation prior to admission.

## Chief Engineer / Master

Prior to the disembarkation of the candidate, the Ship Chief Engineer and Master shall validate and attest the proficiency of the candidate by signing the “Attestation of Proficiency for Seafarer” on this OBRTE, respectively.

## Shipping Company / Local Manning Agency

The Shipping Company/Local Manning Agency that issued the candidate’s contract of employment, will sign the “Attestation of Proficiency for Seafarer” in concurrence with the successful demonstration of the required tasks by the candidate, witnessed by the shipboard Engine Officer/ETO, as recorded in this OBRTE.

## Supplementary Evidence to the OBRTE

Successful completion of this OBRTE will provide evidence of training and experience as stipulated in Section 16.3.3.3.i of MC SC No. 2023 – 04 and shall be supplemented by documentary/photo evidence/s. Failure to provide the required supplementary evidence/s for each of the appropriate task/s is considered null and void.

## Performance condition

All tasks of this OBRTE are to be conducted onboard vessels powered by main propulsion machinery of 750KW propulsion power or more as required by the STCW Convention, 1978, as amended. It is imperative that every task shall be performed with due regard to safety of persons, ships, cargo, and the protection of the marine environment.


## Candidate

The candidate for certification as ETR should have a minimum of twelve (12) months of training and experience onboard a vessel powered by main propulsion machinery of 750KW propulsion power or more duly documented in the approved OBRTE issued by MARINA. The candidate shall successfully accomplish each task on this approved OBRTE.

## Engine Officer / ETO

A shipboard Engine Officer / ETO who witnessed the practical demonstration of task/s by the candidate will sign the appropriate blocks and pages of this OBRTE. Under the “Remarks” column of this OBRTE, the Engine Officers / ETOs shall indicate whether the candidate has demonstrated the skills required to perform the task/s. The Engine officers / ETOs are the ONLY shipboard personnel authorized to affix their names and signatures as witnesses to the practical demonstration of task/s by the candidate.

# Record of Engine Officers / ETOs

Ship's Name with Stamp	Flag of Registry/IMO No.	Type of Propulsion / Engine Power (HP or kW)	Onboard Service (MM-DD-YYYY)		Engine Officer/ETO Name	Signature	Initials	COC No.	Shipboard Position
			From	To					
(Sample) M/V Spiny Norman	Panama / 80562	Motor / 8,892 HP	01/15/2015	01/14/2016	Juan A. Dela Cruz		JAD	1234578	ETO

Control Number:

Ship's Name with Stamp	Flag of Registry/IMO No.	Type of Propulsion / Engine Power (HP or kW)	Onboard Service (MM-DD-YYYY)		Engine Officer/ETO Name	Signature	Initials	COC No.	Shipboard Position
			From	To					

Control Number:

Ship's Name with Stamp	Flag of Registry/IMO No.	Type of Propulsion / Engine Power (HP or kW)	Onboard Service (MM-DD-YYYY)		Engine Officer/ETO Name	Signature	Initials	COC No.	Shipboard Position
			From	To					

ALL Engine Officers / ETOs witnessing the successful demonstrations noted in this record book should provide the relevant information as required in the table provided

# Record of Training and Experience for Electro-Technical Rating

**Note to Engine Officers / ETOs:**

Kindly complete by filling out the indicated boxes if you have personally witnessed the demonstration of skill or ability of the candidate performing the task.

**See Explanation Table**

\* Documentary evidence

\*\* Photo evidence

\*\*\* Both documentary and photoevidence

STCW Competence	Knowledge, Understanding and Proficiency	Task Number	Task	1st Vessel		REMARKS	2nd Vessel, if necessary		REMARKS
				Engine Officer/ ETO Initials	Date		Engine Officer/ ETO Initials	Date	
		The candidate shall have been able to:							
Safe use of electrical equipment	Safe use and operation of electrical equipment, including: safety precautions before commencing work or repair; isolation procedures; and different voltages on board	1.1.A*	Apply safety procedures prior to commencing work on all electrical systems, machinery and equipment, to include the use of work permits and appropriate personal protective equipment						
		1.1.B***	Isolate electrical system machinery and equipment from a power source using lock out/tag out procedures and proper communications						
		1.1.C*	Identify all possible risks and hazards relative to working electrical equipment as per accomplished risk assessment checklist						
		1.1.D*	Enumerate the procedures in the event of electrical shock						
		1.1.E**	Use hand-held equipment under the supervision of immediate supervisor						
		1.1.F	Identify the risks associated with different voltages onboard.						

Control Number:

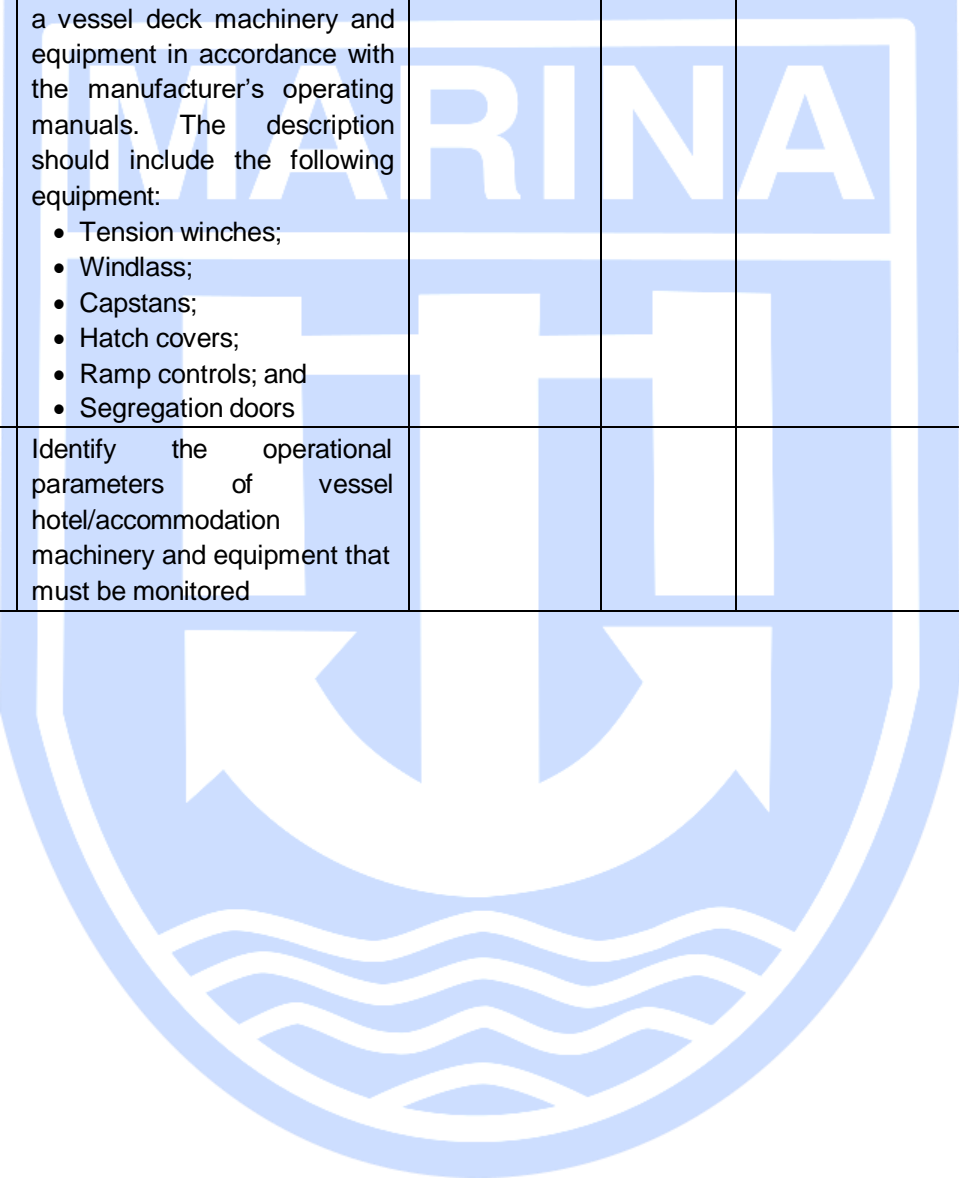
STCW Competence	Knowledge, Understanding and Proficiency	Task Number	Task	1st Vessel		REMARKS	2nd Vessel, if necessary		REMARKS
				Engine Officer/ ETO Initials	Date		Engine Officer/ ETO Initials	Date	
	Safe use and operation of electrical equipment, including emergency procedures  Knowledge of the causes of electric shock and precautions to be observed to prevent shock	1.2.A**	Apply precautions to be taken to avoid electrical shock						
		1.2.B	Identify the associated risks in working with equipment of different voltages onboard						
		1.2.C*	Enumerate the first aid procedures to be followed in the event of an electrical shock						
Contribute to monitoring the operation of electrical systems and machinery	Basic knowledge of the operation of mechanical engineering systems	2.1.A*	Identify the operational parameters of electrical systems and equipment associated with the propulsion plant						
		2.1.B***	Check the performance levels of all parameters monitored on the propulsion plant in accordance with the manufacturer's operating manuals						
		2.1.C*	Identify the operational parameters of auxiliary machinery and equipment associated with a propulsion plant that must be monitored						
		2.1.D***	Check the performance levels of all parameters monitored on auxiliary and ancillary machinery and equipment in accordance with the						



Control Number:

STCW Competence	Knowledge, Understanding and Proficiency	Task Number	Task	1st Vessel		REMARKS	2nd Vessel, if necessary		REMARKS
				Engine Officer/ ETO Initials	Date		Engine Officer/ ETO Initials	Date	
			manufacturer's operating manuals						
		2.1.E*	Identify the operational parameters of vessel steering machinery and equipment that must be monitored						
		2.1.F***	Check the performance levels of all parameters monitored on a vessel steering machinery and equipment in accordance with the manufacturer's operating manuals						
		2.1.G*	Identify the operational parameters of vessel cargo handling machinery and equipment that must be monitored						
		2.1.H***	Check the performance levels of all parameters monitored on a vessel cargo handling machinery and equipment in accordance with the manufacturer's operating manuals. The description should include the following equipment: <ul style="list-style-type: none"><li>• Winches or derricks;</li><li>• Cranes;</li><li>• Variable and constant speed motors; and</li><li>• Variable and constant pumps.</li></ul>						
		2.1.I*	Identify the operational parameters of vessel deck machinery and equipment that must be monitored						
		2.1.J***	Check the performance levels of all parameters monitored on						

Control Number:									
STCW Competence	Knowledge, Understanding and Proficiency	Task Number	Task	1st Vessel		REMARKS	2nd Vessel, if necessary		REMARKS
				Engine Officer/ ETO Initials	Date		Engine Officer/ ETO Initials	Date	
			a vessel deck machinery and equipment in accordance with the manufacturer's operating manuals. The description should include the following equipment: <ul style="list-style-type: none"><li>• Tension winches;</li><li>• Windlass;</li><li>• Capstans;</li><li>• Hatch covers;</li><li>• Ramp controls; and</li><li>• Segregation doors</li></ul>						
		2.1.K*	Identify the operational parameters of vessel hotel/accommodation machinery and equipment that must be monitored						



Control Number:

STCW Competence	Knowledge, Understanding and Proficiency	Task Number	Task	1st Vessel		REMARKS	2nd Vessel, if necessary		REMARKS
				Engine Officer/ ETO Initials	Date		Engine Officer/ ETO Initials	Date	
		2.1.L***	Check the performance levels of all parameters monitored on a vessel hotel/ accommodation machinery and equipment in accordance with the manufacturer's operating manuals. The description should include the following equipment: <ul style="list-style-type: none"><li>• Vent dampers;</li><li>• Accommodation heating;</li><li>• Air conditioning and ventilation;</li><li>• Sanitary systems and equipment;</li><li>• Potable systems and equipment;</li><li>• Sewage systems and equipment;</li><li>• Galley equipment and laundry equipment;</li><li>• Communication devices; and</li><li>• Entertainment Systems.</li></ul>						
		2.1.M*	Identify the operational parameters of vessel bridge and navigation machinery and equipment that must be monitored						
		2.1.N***	Check the performance levels of all parameters monitored on a vessel bridge and navigation machinery and equipment in accordance with the manufacturer's operating manuals. The description should include the following equipment:						

Control Number:

STCW Competence	Knowledge, Understanding and Proficiency	Task Number	Task	1st Vessel		REMARKS	2nd Vessel, if necessary		REMARKS
				Engine Officer/ ETO Initials	Date		Engine Officer/ ETO Initials	Date	
			<ul style="list-style-type: none"><li>• Remote propulsion controls;</li><li>• Steering controls and feedback systems;</li><li>• Communications systems, including GMDSS;</li><li>• Recorders;</li><li>• Radars;</li><li>• Fire detection and suppression; and</li><li>• Remote system controls</li></ul>						
Use hand tools, electrical and electronic measurement equipment for fault finding, maintenance and repair operation	Safety requirements for working on shipboard electrical systems  Application of safe working practices  Basic knowledge of construction and operational characteristics of shipboard AC and DC systems and equipment; and use of measuring instruments, machine tools, and hand and power tools	3.1.A***	Select hand tools, measuring instruments and assist in testing equipment, inspection and repairs of electrical equipment and machinery in the most efficient and safe manner						
		3.1.B***	Use hand tools correctly and assist in inspection, maintenance and repairs of electrical equipment and machinery in the safest and most efficient and manner in accordance with the manufacturer's guidelines						
		3.1.C***	Use measuring instruments and assist in testing equipment correctly, and results are accurate and electrical equipment functions properly after maintenance and repair tasks are completed						
Contribute to shipboard maintenance and repair	Ability to use lubrication and cleaning materials and equipment	4.1.A**	Use lubrication and cleaning materials in accordance with the manufacturer's safety and technical specifications and accepted industry practices						

Control Number:

STCW Competence	Knowledge, Understanding and Proficiency	Task Number	Task	1st Vessel		REMARKS	2nd Vessel, if necessary		REMARKS
				Engine Officer/ ETO Initials	Date		Engine Officer/ ETO Initials	Date	
	Knowledge of safe disposal of waste materials	4.1.B**	Dispose waste materials in a safe manner in accordance with the manufacturer's safety and technical specifications, national and international laws, and accepted industry practices						
	Ability to understand and execute routine maintenance and repair procedures	4.1.C***	Assist in routine maintenance and repair procedures in a safe and acceptable manner which includes using appropriate PPE, equipment, and tools.						
	Understanding manufacturer's safety guidelines and shipboard instructions	4.1.D***	Apply the manufacturers and shipboard safety protocols and procedures in performing maintenance and repair.						
Contribute to the maintenance and repair of electrical systems and machinery on board	Basic knowledge of electro-technical drawings and safe isolation of equipment	5.1.A	Compare system and machinery performance data to the manufacturer's technical specifications and identify system and machinery malfunctions						
	Test, detect faults and maintain and restore electrical control equipment operating in flammable areas	5.1.B***	Use ship's technical drawings and schematics to correctly interpret out of range parameters or faults						
	Basics of ship's fire detection system	5.1.C	Select and correctly use appropriate measuring, calibrating, and test instruments						
	Safe maintenance and repair procedures	5.1.D***	Assist in isolation of plant machinery and equipment in accordance with shipboard safety procedures and technical specifications						
	Detection of	5.1.E***	Assist in disassembling of plant machinery and equipment in accordance with						

Control Number:

STCW Competence	Knowledge, Understanding and Proficiency	Task Number	Task	1st Vessel		REMARKS	2nd Vessel, if necessary		REMARKS
				Engine Officer/ ETO Initials	Date		Engine Officer/ ETO Initials	Date	
	machinery malfunction		shipboard maintenance requirements and technical manuals						
	Maintenance and repair of lighting fixtures and supply systems	5.1.F***	Assist in assembling of plant machinery and equipment in accordance with shipboard maintenance requirements and technical manuals						
		5.1.G***	Assist in testing the performance of electrical equipment and machinery after a maintenance procedure has been completed						
Contribute to the handling of stores	Knowledge of procedures for safe handling, stowage and securing of stores	6.1.A**	Separate different hazardous materials including flammable and nonflammable materials						
		6.1.C**	Properly stacks materials, including: a) Stacking heavy materials on the bottom and lighter materials on top with proper lifting techniques; b) Following labeled height limits; and c) Following the orientation arrows on the packaging						
		6.1.D**	Secure all goods capable of moving and causing injury						
		6.1.E	Store items by "first in/first out"						
		6.1.F**	Secure heavy items with proper types of fiber and wire rope						
Apply precautions and contribute to the prevention of pollution of the	Knowledge of the precautions to be taken to prevent pollution of the	7.1.A	Describe the sources of operational pollution Oil						
		7.1.B	Describe the sources of operational pollution Noxious liquid substances						

Control Number:

STCW Competence	Knowledge, Understanding and Proficiency	Task Number	Task	1st Vessel		REMARKS	2nd Vessel, if necessary		REMARKS
				Engine Officer/ ETO Initials	Date		Engine Officer/ ETO Initials	Date	
marine environment	marine environment	7.1.C	Describe the sources of operational pollution Packaged goods and non-liquid substances						
		7.1.D	Describe the sources of operational pollution Sewage						
		7.1.E	Describe the sources of operational pollution Garbage						
		7.1.F	Describe the sources of operational pollution Air pollution						
		7.2.A**	Collect, sort, and store garbage on board						
		7.2.B***	Assist in preventing and controlling of pollutants during the transfer of cargo, fuel, or passengers						
		7.2.C***	Assist in testing the operation of the following equipment, as applicable: a. Marine Sanitation Device (MSD); b. Oily-water separator; c. Oil discharge monitoring equipment; d. Incinerator; and e. Emission control equipment						
	Knowledge of the use and operation of anti-pollution equipment/agents	7.3.A	Describe the purpose of absorbent materials aboard the ship and the types of spills that the absorbents are effective on.						
		7.3.B	Describe the purpose of booms aboard the ship and the types of spills that the booms are effective on.						

Control Number:

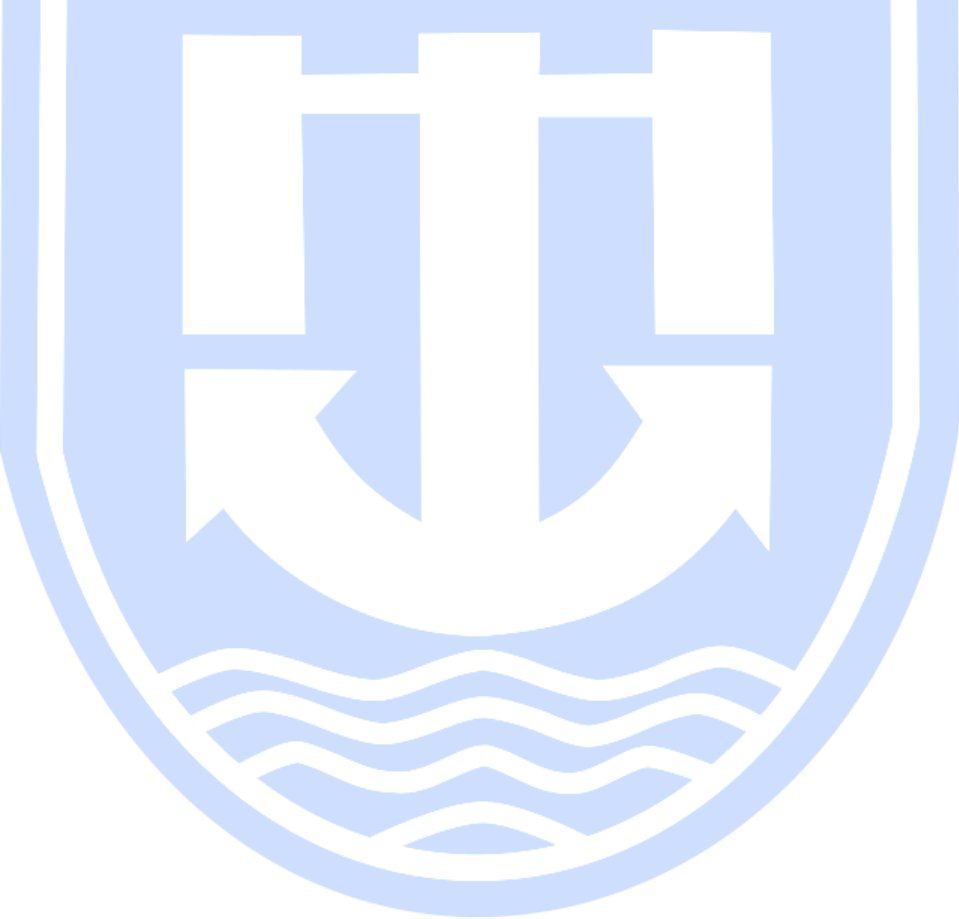
STCW Competence	Knowledge, Understanding and Proficiency	Task Number	Task	1st Vessel		REMARKS	2nd Vessel, if necessary		REMARKS
				Engine Officer/ ETO Initials	Date		Engine Officer/ ETO Initials	Date	
	Knowledge of approved methods for disposal of marine pollutants	7.4.A*	Describe the proper disposal of contaminated rags as per ships garbage management plan						
		7.4.B*	Describe the proper disposal of used batteries as per ships garbage management plan						
		7.4.C*	Describe the proper disposal of garbage as per ships garbage management plan						
		7.4.D*	Describe the proper disposal of used bulbs/fluorescent as per ships garbage management plan						
Apply occupational health and safety procedures	Working knowledge of safe working practices and personal shipboard safety including electrical safety	8.1.A**	Apply pertinent safety instructions and warning signs associated with electrical works.						
		8.1.B**	Apply all safety precautions regarding portable electric lights and tools						
		8.1.C***	Perform lock out/tag out when working on electrical motors or other equipment						
		8.1.D	Inform damaged electrical equipment or wiring to his/her superior						
	Working knowledge of safe working practices and personal shipboard safety including lockout/tag out procedures	8.2.A	Identify the equipment to be locked out						
		8.2.B***	Locks and tags out equipment using approved methods, including logging						
		8.2.C	Inform the first assistant or watch engineer that equipment is locked and tagged						
		8.2.D	Give appropriate notice of removal of lock/tag when work is completed						
	Working knowledge	8.3.A**	Apply safe working practices and personal shipboard						



Control Number:

STCW Competence	Knowledge, Understanding and Proficiency	Task Number	Task	1st Vessel		REMARKS	2nd Vessel, if necessary		REMARKS
				Engine Officer/ ETO Initials	Date		Engine Officer/ ETO Initials	Date	
	of safe working practices and personal shipboard safety including mechanical safety		safety including mechanical safety when using portable tools						
		8.3.B**	Apply safe working practices and personal shipboard safety including mechanical safety when using hand tools						
		8.3.C**	Apply safe working practices and personal shipboard safety including mechanical safety when operating rotating machinery						
		8.3.D**	Demonstrate safe working practices & personal shipboard safety including mechanical safety when using hydraulic tools/equipment.						
	Working knowledge of safe working practices and personal shipboard safety including permit to work systems	8.4.A*	Explain the purpose and application of hot and cold work permit						
		8.4.B*	Explain the purpose and application of enclosed space entry permit						
		8.4.C*	Explain the purpose and application of other policies that require a permit to work, such as working aloft, and working over the side						
	Working knowledge of safe working practices and personal shipboard safety including working aloft	8.5.A*	Inform the appropriate officer prior working aloft in accordance with company procedures						
		8.5.B***	Isolate and tagged the equipment that may cause hazard accordingly						
		8.5.C*	Confirm that the ship's motion and weather conditions will remain within safe limits in						

Control Number:									
STCW Competence	Knowledge, Understanding and Proficiency	Task Number	Task	1st Vessel		REMARKS	2nd Vessel, if necessary		REMARKS
				Engine Officer/ ETO Initials	Date		Engine Officer/ ETO Initials	Date	
			accordance with Safety Management System						
		8.5.D**	Use safety equipment and check for operational integrity						
		8.5.E**	Secure the working area using cordon and placard						
		8.5.F*	Assist in accomplishing any required permits						



# Supplementary evidence to the OBRTE

Successful completion of this OBRTE will provide evidence of training and experience as stipulated in Section 16.3.3.3.i of MC SC No. 2023 – 04 and shall be supplemented by documentary / photo evidence.

\* Documentary Evidence

\*\* Photo evidence

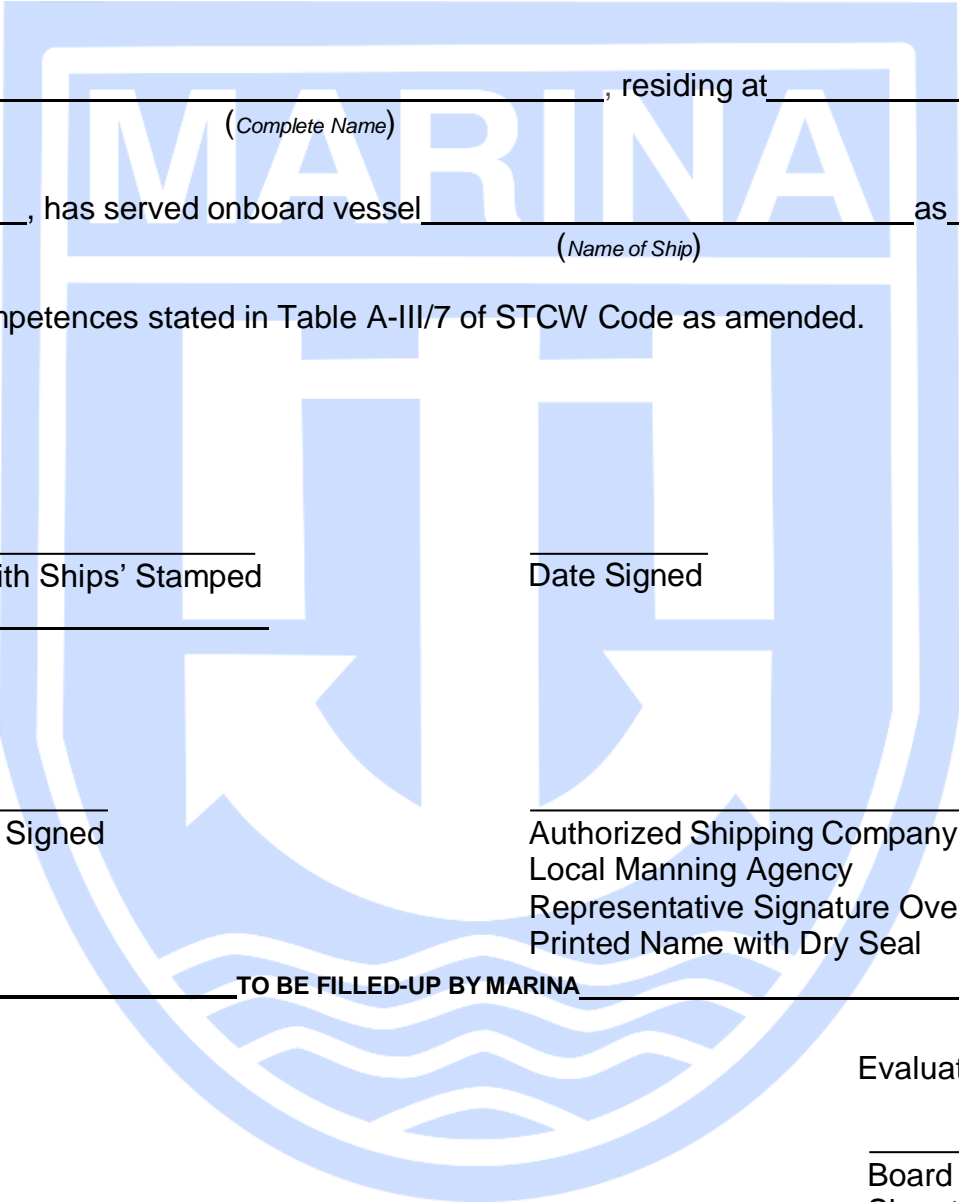
\*\*\* Both documentary and photoevidences

## Explanation Table

Task Number	Tasks	Explanatory Notes
1.1.A*	Observe safety procedures prior to work commencing on shipboard electrical systems, machinery and equipment, including the use of work permits and appropriate personal protective equipment	The supporting <u>documentary evidence</u> for this task number will be the <u>photocopy of the appropriate work permit</u> .
1.1.B***	Isolate electrical system machinery and equipment from a power source using Lock Out/Tag Out procedures and proper communications	The supporting <u>documentary and photo evidence</u> for this task number will be the <u>photocopy of the appropriate work permit and photo of the candidate performing the task</u> , respectively.
1.1.E**	Demonstrate the proper use of hand-held equipment	The supporting <u>photo evidence</u> for this task number will be the <u>photo of the candidate performing the task</u> .

**Important Reminder: "Failure to provide the required supplementary evidence for each of the appropriate tasks considered null and void."**

ATTESTATION OF PROFICIENCY FOR ELECTRO-TECHNICAL RATING (1<sup>st</sup> Vessel)



This is to attest that the bearer MR / MS. \_\_\_\_\_, residing at \_\_\_\_\_,  
(Complete Name) (Complete Address)  
holding Philippine SRB number \_\_\_\_\_, has served onboard vessel \_\_\_\_\_ as \_\_\_\_\_ for \_\_\_\_\_ months;  
(Name of Ship) (Position on board) (Duration)

and has undergone task that addresses the competences stated in Table A-III/7 of STCW Code as amended.

Validated by:

\_\_\_\_\_  
Chief Engineer Signature Over Printed Name with Ships' Stamped  
SRN or License No. \_\_\_\_\_

\_\_\_\_\_  
Date Signed

Attested by:

\_\_\_\_\_  
Master Signature Over Printed  
Name with Ships' Stamped  
SRN or License No. \_\_\_\_\_

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Authorized Shipping Company /  
Local Manning Agency  
Representative Signature Over  
Printed Name with Dry Seal

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
TO BE FILLED-UP BY MARINA

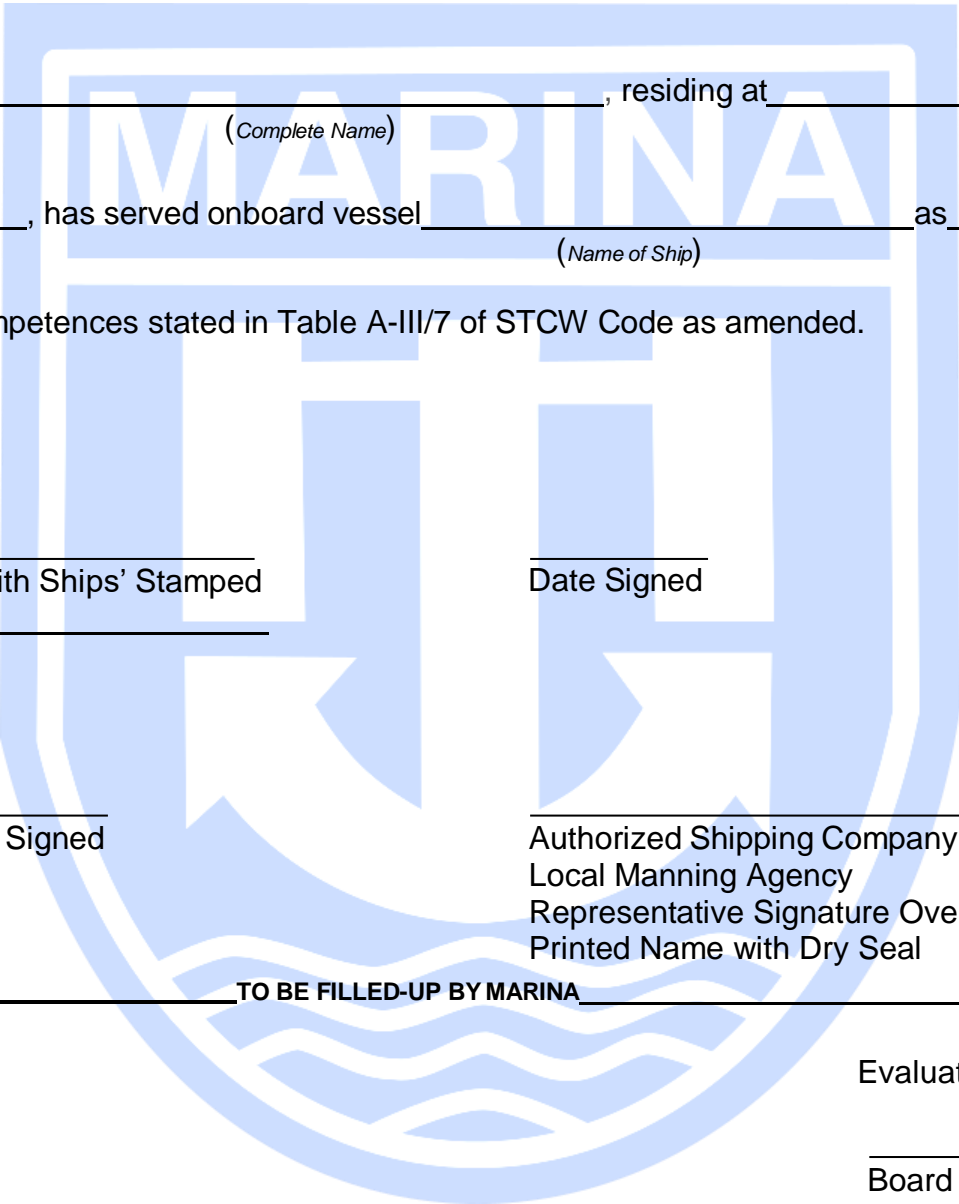
Evaluated and approved by:

\_\_\_\_\_  
Board of Engine Ratings  
Signature Over Printed Name

\_\_\_\_\_  
Date Signed

Control Number: \_\_\_\_\_

ATTESTATION OF PROFICIENCY FOR ELECTRO-TECHNICAL RATING (2<sup>nd</sup> Vessel)



This is to attest that the bearer MR / MS. \_\_\_\_\_, residing at \_\_\_\_\_,  
(Complete Name)(Complete Address)

holding Philippine SRB number \_\_\_\_\_, has served onboard vessel \_\_\_\_\_ as \_\_\_\_\_ for \_\_\_\_\_ months;  
(Name of Ship)(Position on board)(Duration)

and has undergone task that addresses the competences stated in Table A-III/7 of STCW Code as amended.

Validated by:

\_\_\_\_\_  
Chief Engineer Signature Over Printed Name with Ships’ Stamped  
SRN or License No. \_\_\_\_\_

\_\_\_\_\_  
Date Signed

Attested by:

\_\_\_\_\_  
Master Signature Over Printed  
Name with Ships’ Stamped  
SRN or License No. \_\_\_\_\_

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Authorized Shipping Company /  
Local Manning Agency  
Representative Signature Over  
Printed Name with Dry Seal

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
TO BE FILLED-UP BY MARINA

Evaluated and approved by:

\_\_\_\_\_  
Board of Engine Ratings  
Signature Over Printed Name

\_\_\_\_\_  
Date Signed

## Process for the Registration, Issuance, and Validation of Onboard Record of Training & Experience for Electro-Technical Ratings

Step 1	Step 2	Step 3	Step 4
Printing of OBRTE	Registration and Issuance of Control Number of approved OBRTE	Onboard completion of approved OBRTE	Evaluation of duly accomplished approved OBRTE
<ol style="list-style-type: none"> <li>1. Visit MARINA-STCW website at <a href="http://www.stcw.marina.gov.ph">www.stcw.marina.gov.ph</a></li> <li>2. Click the link OBRTE downloadable form.</li> <li>3. Print the OBRTE in a quality Legal size paper.</li> </ol>	<ol style="list-style-type: none"> <li>1. Proceed to MARINA-STCWO Examination and Assessment Division (EAD) for registration of OBRTE.</li> <li>2. Evaluation of submitted documents: <ul style="list-style-type: none"> <li>• Printed OBRTE</li> <li>• Endorsement Letter from Shipping/Manning Agency</li> <li>• Contract of Employment (POEA approved/ Domestic) <b>OR</b></li> <li>• Affidavit of Undertaking from Shipping/Manning Agencies</li> <li>• 2 valid government issued IDs</li> <li>• Transcript of Record (TOR) for holders of a Bachelor's Degree in any of the following: <ul style="list-style-type: none"> <li>- Electrical Engineering</li> <li>- Electronics and Communications Engineering</li> <li>- Marine Engineering</li> <li>- Industrial Technology major in Electrical, Electronics or Instrumentation; <b>OR</b></li> </ul> </li> <li>• Valid PRC License as Registered Master Electrician; <b>OR</b></li> <li>• Technical and Vocational Education and Training (TVET) with the any of the following specializations: <ul style="list-style-type: none"> <li>• Electrical;</li> <li>• Electronics; and</li> <li>• Industrial Technology major in Electrical, Electronic or Instrumentation.</li> </ul> </li> </ul> </li> <li>3. Orientation for filling up the OBRTE.</li> <li>4. Approval and issuance of OBRTE control number.</li> </ol>	<p>Accomplish the approved OBRTE in compliance with relative guidelines and procedures.</p>	<ol style="list-style-type: none"> <li>1. Proceed to MARINA-STCWO Examination and Assessment Division (EAD) for verification of Control Number of OBRTE.</li> <li>2. Once verified, proceed and present to the Board of Engine Ratings the below supporting documents for evaluation: <ul style="list-style-type: none"> <li>• Duly accomplished approved OBRTE with supplementary evidence</li> <li>• Contract of Employment (POEA approved/ Domestic)</li> <li>• Certificate of Sea Service</li> <li>• Original SRB relative to the seagoing service</li> <li>• Certified True Copy of Crew list</li> </ul> </li> <li>3. Evaluation, validation and approval of OBRTE</li> <li>4. Once approved, proceed to application for practical assessment in the MARINA Online System</li> </ol>