

**GUIDE FOR THE PRACTICAL ASSESSMENT OF COMPETENCE
FOR ELECTRO-TECHNICAL OFFICERS**

FUNCTION	CODE	COMPETENCE	NUMBER OF ASSESSMENT
ELECTRICAL, ELECTRONIC AND CONTROL ENGINEERING AT THE OPERATIONAL LEVEL	C1	Monitor the operation of electrical, electronic and control systems	2
	C2	Monitor the operation of automatic control systems of propulsion and auxiliary machinery	1
	C3	Operate generators and distribution systems	1
	C4*	Operate and maintain power systems in excess of 1,000 volts	T & A
	C5	Operate computers and computer networks on ships	1
	C6	Use English in written and oral form	1
	C7	Use internal communication systems	1
MAINTENANCE AND REPAIR AT THE SUPPORT LEVEL	C8	Maintenance and repair of electrical and electronic equipment	1
	C9	Maintenance and repair of automation and control systems of main propulsion and auxiliary machinery	1
	C10	Maintenance and repair of bridge navigation equipment and ship communication systems	1
	C11	Maintenance and repair of electrical, electronic and control systems of deck machinery and cargo-handling equipment	1
	C12	Maintenance and repair of control and safety systems of hotel equipment	1

CONTROLLING THE OPERATION OF THE SHIP AND CARE FOR PERSONS ON BOARD AT THE SUPPORT LEVEL	C13	Ensure compliance with pollution prevention requirements	1
	C14*	Prevent, control and fight fire onboard	T & A
	C15*	Operate Life-saving appliances	T & A
	C16*	Apply medical first aid on board ship	T & A
	C17	Application of leadership and teamworking skills	1
	C18*	Contribute to the safety of personnel and ship	T & A
		TOTAL	14

C4 * - Certificate of Completion of approved ETO Course or approved Marine High Voltage Training Course

C14* - Certificate of Proficiency (COP) of Advance Fire Fighting (AFF)

C15* - Certificate of Proficiency (COP) of Proficiency in survival craft and rescue boat other than fast rescue boat (PSCRB)

C16* - Certificate of Proficiency (COP) of Medical First Aid (MEFA)

C18* - Certificate of Proficiency (COP) of Basic Training (BT)

NOTE:

The Candidate is required to **PASS** all assessments in order to qualify for the issuance of Certificate of Competency (COC) and Certificate of Endorsement (COE) for Regulation III/6