

Final assessment form III/6 Electro technical officer

The assessment is based on CTRB for ETO officers, as developed by the International Chamber of shipping

General information

Candidate:

Name	Surname	Date of birth

Information assessment team:

Administrative employee				
Name + Surname				
Assessors				
Name	Surname	AMA teaching staff member	Date assessor training	STCW qualification
		Yes / No		
		Yes / No		

Administrative check

The administrative employee checks if all the administrative requirements are met.

Item	OK / NOK	Remarks
Sailing time	OK / NOK	Days sailing time:
CTRB	OK / NOK	Type: ISF / other:
BST valid certificate	OK / NOK	Expire date:
MFA valid certificate	OK / NOK	Expire date:
PSCRB valid certificate	OK / NOK	Expire date:
AFF valid certificate	OK / NOK	Expire date:

Administrative check	OK	NOK
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NOK: feedback to seafarer:

Final assessment III/6

1. Cadet Training Record Book (CTRB)

Sections 2-5:

The assessors check if the minimum requirement(s) per section are met. If not, feedback to the candidate is required on what is missing/ what needs to be improved to meet the requirements.

Section	Subject	Requirements	OK	NOK
2	Summary records	Personal information completed		
		Training info completed		
		Shipboard service record completed		
		Review training progress by officer shows progress in the competences		
		Chief engineer's monthly inspection shows progress in the competences		
3	Familiarisation	Familiarisation on board of all ships completed		
4	Particulars	Particulars of all ships completed		
5	Safety @ work	All items completed		
Feedback in case NOK for sections 2-5				

Section 6/7: Training tasks and competences achieved, tasks for electro-technical officers

The assessors check whether the seafarer has had enough sea time and has been exposed to sufficient competences. They evaluate the information given by the seafarer, the engineers/chief engineer on board and by the company. They formulate:

- remarks (positive and/or negative) on the entries in the CTRB where they find it useful
- questions for the assessment interview where they want to assess if the seafarer masters a competence.

Function: ELECTRICAL, ELECTRONIC AND CONTROL ENGINEERING AT THE OPERATIONAL LEVEL		
Competence		Remarks / questions for assessment interview
1	Monitor the operation of electrical, electronic and control systems	
2	Monitor the operation of automatic control systems of propulsion and auxiliary machinery	
3	Operate generators and distribution systems	

4	Operate and maintain power systems in excess of 1,000 volts	
5	Operate computers and computer networks on ships	
6	Use English in written and oral form	
7	Use internal communication systems	
Function: MAINTENANCE AND REPAIR AT THE OPERATIONAL LEVEL		
Competence		Remarks / questions for assessment interview
8	Maintenance and repair of electrical and electronic equipment	
9	Maintenance and repair of automation and control systems of main propulsion and auxiliary machinery	
10	Maintenance and repair of bridge navigation equipment and ship communication systems	
11	Maintenance and repair of electrical, electronic and control systems of deck machinery and cargo handling equipment	
12	Maintenance and repair of control and safety systems of hotel equipment	
Function: CONTROLLING THE OPERATION OF THE SHIP AND CARE FOR PERSONS ON BOARD AT THE OPERATIONAL LEVEL		
Competence		Remarks / questions for assessment interview
13	Ensure compliance with pollution-prevention requirements	
14	Prevent, control and fight fire on board	
15	Operate lifesaving appliances	
16	Apply medical first aid on board	
17	Apply leadership and teamworking skills	

Section 8: project work

The technical accuracy of each project is checked by the chief engineer and is evaluated by the company and/or by the nautical college during assessment. The assessors look at:

- Accuracy of information in written text, illustrations or calculations
- Coverage of subject showing depth of research and logical presentation of facts
- Neatness of writing, diagrams/labels
- Spelling and grammar

The assessors formulate:

- remarks (positive and/or negative) on the entries in the CTRB where they find it useful
- questions for the assessment interview where they want to assess if the seafarer masters a competence.

Project		Remarks / questions for assessment interview
1	Pipe Systems	
2	Scale Drawings	
3	Safety	
4	Protection of the Marine Environment	
5a	Electrical systems: generators and connection to switchboards	
5b	Electrical systems:: switchboards and protective systems	
5c	Electrical systems:: power transformers	
5d	Electrical systems:: extra low voltage networks	
5e	Electrical systems:: major consumers	
5f	Electrical systems:: variable speed drivers	
5g	Electrical systems: control networks	
5h	Electrical systems: alarm systems	
5i	Electrical systems: emergency systems	
5j	Electrical systems: communication systems	
5k	Electrical systems: bridge electrical equipment configuration	

2. Assessment interview

The assessors ask questions on the elements in the CTRB. They monitor whether the seafarer masters the competences indicated as achieved in the CTRB. The questions are distributed amongst all sections, functions and competences described above.

The general question of the assessment is: Does the seafarer has a predictable chance for a successful career at sea.

The assessors take notes, summarising the key elements of the interview.

Result

The assessors formulate a motivated result (pass/fail) based on their findings.

PASS	FAIL
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Motivation:

Assessor	Name and surname	Signature
1		
2		

Certification Final Assessment

Number certification:

Receipt:

I, _____, hereby confirm the following:

1. I have received the certificate of Final Assessment with the above mentioned number, issued according STCW section _____, by the administration of the Antwerp Maritime Academy.
2. I have checked the personal information on the certificate and found it to be correct.

Date:

Name and surname seafarer

signature