

Engine Circular No. 37

NO: ENG/EXAM-17(20)/98-II

Dated Sept 30, 2004

Sub: Placement of Marine Engineers as Trainees

It has been decided by the Directorate General of Shipping, Mumbai to issue the certificate as per STCW 95 Convention Regulation III/4 which meets the standard of competence specified in section A-III/4 Para 3 to Marine Engineer Officer trainees holding MEO Class IV Part A, to form part of an engine room watch or designated to perform duties in a periodically unmanned engine room on a sea going ship powered by main propulsion machinery of 750 KW propulsion power or more as per following stipulation.

1. The performance of duties shall be carried out under the direct supervision of a qualified engineer officer.
 2. Every candidate for certification shall :
 1. have completed approved 4 years education and training as required by Meta Manual Section M-III/1 and the Directorate General of Shipping circular / notices issued from time to time, to that effect.
 2. have obtained MEO Class IV Part A either by exemption or by examination.
 3. have undergone the appropriate engine room simulator course for watch keeping.
 4. have completed all four mandatory STW safety training courses including AFF Course.
 3. Such candidates will be issued with certificate by D.G.Shipping, as per STCW 95 Convention Regulation III/4, based on the assessment (practical test) conducted by DGS approved Colleges / Training Institution.
 4. Approved colleges / training institutions shall conduct oral * examination of such candidates and forward the list of candidates to the Directorate General of Shipping, Mumbai for approval and issuances of the Certificates.
- * As per the details given in **Annexure - I**

Sd/-

(D. Mehrotra)

SUMMARY OF ORAL TO BE CONDUCTED FOR EXAMINATION AND ASSESSMENT

Regulation : III/4 of STCW- 95 & Section : A-III/4 of STCW Code

Department : Engineering

Level : Support Level

Capacity : Trainee Marine Engineer

of a Engineering Watch

Function : Marine Engineering at the Support Level.

SR. NO.	COMPETENCE	TYPE OF ASSESSMENT
1.	Carry out a watch routine appropriate to the duties of a trainee marine engineer forming part of an engine-room watch. Understand orders and be understood in matters relevant to watch keeping duties.	** Oral examination
2.	For keeping a boiler watch : Maintain the correct water levels and steam pressures.	** Oral examination
3.	Operate emergency equipment and apply emergency procedures.	** Oral examination
4.	Machinery in Engine Room - Purpose, Location and Basic working Knowledge	** Oral examination
5.	Use the standard marine navigational vocabulary and use English in written and oral form.	** Oral examination
6.	Knowledge of ships and the shipping industry.	** Oral examination
7.	Survival at sea in the event of ship abandonment.	** Oral examination
8.	Minimise the risk of fire, maintain state of readiness, fight and extinguish fires.	** Oral examination
9.	Take immediate action upon encountering an accident or other medical emergencies.	** Oral examination
10.	Comply with emergency procedures, prevent pollution and contribute to effective human relationship on board ship.	** Oral examination

** Oral examination shall be conducted after the candidate has successfully completed his pre sea training as follows :

Category I - 1] 4 year Graduation from MERI Kolkata / similar DGS approved institution condu

four year Marine Engineering Degree Course

2] MERI, Mumbai - One year training for graduate Engineer / similar DGS approved institution conducting one year Marine Engineering Course.

Category II - Candidates appearing for MEO Class IV Part A examination, orals shall be conducted by DGS/MMD Examiners, after obtaining MEO Class IV Part A.

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