

FAQ'S for Trainee Junior Engineer

1. What is Pre-Sea Training?

A: The Pre-sea training and onboard training is required for appearing for Class IV certificate of Competency examinations held by DG Shipping. As per the scheme of course followed by AEMA, the candidate needs to undergo 8 months of Pre-sea training at AEMA, Karjat campus (2 semesters of 4 months each) followed by 4 months onboard first vessel as Engine Cadet and second vessel for 6 months as JE to complete the required 18 months' time for Class IV COC.

2. What are the qualifications required to join as Junior Engineer Officer?

➤ Educational Qualification:

- **Minimum 65% in (12th PCM or Diploma aggregate) followed by**
- **B.E. / B.Tech. with minimum (65% aggregate & 65% final year) marks in "Mechanical" or "Mechanical & Automation" or "Naval Architecture & Ocean Engineering" after attending a course of 4 years duration from I.I.T. or from college recognized by AICTE/UGC.**

Per D.G. circular 16 of 2018. Below categories are eligible for the GME course:

4. THEREFORE, in consideration of the representations made by the candidates, the Competent Authority, in supersession of all circular issued previously on this subject, has now prescribed the eligibility criteria for pursuing Training course in DGS approved institutes and also the eligibility to appear in COC examinations conducted by DGS and same has been detailed in paragraph no.5, below:

5. The following categories are eligible to undertake the above said training in DGS approved institutes:

(i) Category (a) - A full time BE / B. Tech in all Mechanical Engineering streams e.g. Mechanical and Automation, Mechanical and Electronics, Mechanical and Automobile etc. However, the word "Mechanical" should be first indicating that mechanical engineering is the core and the second subject is the elective.

OR

(ii) Category (b) - All Naval Architecture streams e.g. Naval Architecture and Ocean Engineering, Naval Architecture and Ship building, etc. However, the word "Naval Architecture" should be first indicating that Naval Architecture is the core and the second subject is the elective.

OR

(iii) Category (c) - BE / B. Tech in Marine Engineering.

OR

(iv) Category (d) - BE / B. Tech in Mechanical Engineering.

The above BE/B. Tech degree or any other higher degree such as 5 year integrated M.E./M.Tech degree must have been obtained from AICTE approved institute or the IITs or from University Engineering Colleges (Colleges directly run by University). However, candidates from the combination streams i.e. Category (a) and (b) will have to pass Part 'A' subject of both MEO Class -IV and MEO Class -II grade of examinations. These candidates may be considered for exemption from appearing in subject of Mathematics and Applied Mechanics. Candidates from Category (c) and (d) are exempted from appearing in all subjects of Part 'A' of both MEO Class -IV and MEO Class -II grade of examinations.

- **English: Minimum 50% marks as a separate subject, at either 10th or 12th standard or in the Degree program, conducted by a recognized Board/University.**

➤ Physical and Medical Standards:

- **Medically fit as per the standards set by Merchant Shipping Medical Examination Rules: <http://www.dgshipping.com/dgship/final/rules/medicex.htm>**

- **Age Limit – Below 28 years at the commencement of course.**

Students awaiting final year semester results can also apply.

3. I fulfill the eligibility criteria to join as Junior Engineer, how do I proceed from here?

- a. Apply online on www.aema.edu.in for the post of “Junior Engineer”.
- b. The company will approve or decline the application, basis the eligibility criteria set by DG Shipping and the Company.
- c. Then the applicant undergoes the company online test, a Psychometric evaluation, Panel Interview and Medical Test.
- d. If the applicant is successful in clearing the company’s selection process, then the applicant is advised to undergo a **8 month pre-sea course** at the company’s institute, Anglo-Eastern Maritime Academy in (Karjat) Mumbai, as a sponsored candidate.

4. What do you mean by a sponsored candidate?

The term sponsored candidate is used for a candidate who will be sponsored a sea-berth on board an Anglo-Eastern managed ship on successful completion of Pre-Sea Training.

It does not relate to sponsorship of tuition fees at the pre-sea training institute.

5. What all does the course fee include?

Ans: - The course fee includes the Tuition, boarding and lodging, uniforms, learning materials etc. which will be mentioned in detail in the Joining Instructions that will be sent to the selected candidates prior their joining.

5. Don’t you think the cost of Pre-Sea training is quite high?

You must remember that Pre-Sea training is not subsidized by the government, there are various requirements that have to be considered in order to conduct pre-sea training and the cost of carrying these out is very high and has to be borne by the institute.

6. Are there any education loans available?

Yes, once you have been selected by Anglo-Eastern, we can assist you with the necessary documentation that you would need for the loan. You could thereafter approach a bank of your choice to obtain educational loans at favorable interest rates.

7. Please explain the selection process as for a Junior Engineer in Anglo-Eastern?

The Anglo-Eastern Selection process for a Junior Engineer is as follows:

- a. **The Online Test:** - Once the application is approved from our end, the candidate will receive an e-mail for booking an online entrance test.
A nominal fee has to be paid for the seat booking.
The online test is of 3 hours (2 hr. subject based and 1 hr. Psychometric).

Question asked in the Online Test – (Multiple Choice Questions)

- Subject test: covers subjects of Engineering course, Abstract Reasoning, English, Aptitude and General Knowledge.

- Psychometric test: requires the candidate to have good understanding of English and must answer in a specific time period.
- b. **The Interview** – Candidates who successfully pass both the online tests, are called for panel interview in Delhi or Mumbai
- c. **The Medical Test** – Candidates who qualify the panel interview, are then asked to undergo a Medical Test, through company appointed D.G. approved doctors.

On successfully completing the above processes, the candidate is declared to be short listed as a Junior Engineer. A merit list will then be drawn up and the selected candidates will be issued a “Provisional Selection Letter” for undergoing the On-Board Training after successful completion of GME Program at Anglo-Eastern Maritime Academy, (Karjat) Mumbai.

8. What happens after the selection process?

After you have fulfilled and completed all the selection formalities i.e., fulfilling the company and Directorate General of Shipping requirements, you will be directed to undergo a 8 month pre-sea training at Anglo-Eastern Maritime Academy, (Karjat) Mumbai.

The 8-month pre-sea course is a residential course i.e., you will be residing in a hostel within the campus.

In the 8-month pre-sea course, you will be imparted training in shipping related fields and on general related topics.

After successful completion of the 8-month pre-sea training, all your travel document requirements have to be in order before you can be placed on board ship. For this reason, you must apply for your passport immediately on selection as a Junior Engineer.

9. What are the important documents for the GME training?

The following original documents are required to be carried to the Academy for the joining process

1. All semester marksheet.
2. BE Degree or provisional mark sheet
3. AICTE / UGC approval of your college
4. Class X Mark sheet and certificate
5. Class XII mark sheet and certificate
6. Aadhaar card
7. Medical Fitness certificate (may be forwarded by the recruitment team)
8. Passport (if not available, the candidate must apply immediately)

The candidates must ensure that their names are proper in all these certificates, and they must have a Name and Surname fields correct.

10. Do we have to sign a bond?

Anglo-Eastern spends a huge number of resources in training its Junior Engineers, so it is only natural for us to expect that the Junior Engineers, once they become officers stay on with the same company. Anglo-Eastern trained cadets enjoy benefits of faster promotion and continued

employment in the organization with a defined career progression, it is a win-win situation all round.

11. What are the duties of a Marine Engineer on board the ship?

A: The following are some of the duties and responsibilities of marine engineers on board the ship: -

- Running, operation and maintenance of all machineries on board the ship
- Ensure safety and pollution regulations are observed
- Supervise the maintenance and upkeep of the ship
- Co-ordinate and supervise the activities of the engine room crew
- Follow instructions from the captain and chief engineer with regards to ship operations
- Maintain accurate and up-to-date records of all activities

12. How to apply for joining as a Junior Engineer Officer?

- Log on to our website <http://www.aema.edu.in> and fill up the application form for “**Junior Engineer**” and submit.
- You will receive an e-mail confirmation within 48 hours, whether your application has been approved or declined. Further details regarding procedure to book a seat for the online entrance test will be provided in the same e-mail.
- In case of any doubt or queries, e-mail us at gme.recruitment@angloeastern.com or call on **91-11-68170831** (0900-1700 Hrs.)
- **Note:** During Campus recruitment drives, the entrance test will be conducted in the college campus itself.

13. What if I want to give up sailing in the future after becoming a Chief Engineer of a ship? Can I get employment ashore?

There are plenty of jobs available for Chief Engineers ashore in marine related or engineering related fields. These positions carry much prestige and status.