



UK MARINE TRAINING CENTRE (UMTC)

SAI POOJA BUILDING, SHOP NO. 4, PLOT NO. 36, SECTOR - 34. KAMOTHE, NAVI
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Class 1 Oral's Questions

Date: 01 August 2024

Examiner: Vikas kamble

Candidate name: Rajesh Kannu

Duration: 1Hr 50 mins

Result: Pass

1. What are the certificates that are related to machinery?
2. What certificates that comes under Marpol Annex 6
3. How will you get IAPP cert.
4. What was the latest regulation in Marpol.
5. What is NOX technical code
6. What other certificates does a vessel needs to carry
7. What is the difference between passenger ship and cargo ship safety cert.
8. What certificate is related to ship's hull and its validity.
9. Tomorrow vessel is reaching port and you got a call that tomorrow Surveyor is coming for main engine crosshead bearing survey. As a chief engineer tell me the complete procedure for doing this survey. Too many questions were asked in this topic like safety, isolation, permission, clearance measurement, procedure, bearing checks, bearing damages and its causes, difference between top shell and bottom shell, pattern that you will find on the bearing surface, what is your action if you find the bearing is damaged.
10. Your main engine has two turbochargers and you are at sea. You will reach port after 3 days. One of this turbocharger failed and as a chief engineer how you will face this situation. Tell me the complete procedure from beginning till you reach the port.
11. What will happen if your engine runs at low load for a long time and what precautions you need to take.
12. How you will maintain steam pressure when your main engine is running on low load. What action you will take to reduce steam consumption.
13. What is economizer fire and how it is caused and your action on this.
14. What is composite boiler.
15. What are the types of boiler tubes and how they are fixed in the boiler
16. Your ship's composite boiler tube is leaking how you will do the temporary repair and proceed with
 - a. your voyage
17. How do you know that the person is competent to do the work in boiler.
18. How you will check the boiler after the repair work.
19. How you will do maintenance on a high voltage system.
20. Types of starters
21. Explain Star delta and variable frequency drive.



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22. In star delta starter if the connection is not changing from star to delta what may be the reasons.
23. What is leading pf and what will be the effect of it.
24. Shore connection complete procedure and checks.
25. What is the effect of using 420v instead of 440v
26. What will you do if PSI is not working.
27. How does a main propulsion motor connected to bus bar.
28. Dry docking complete procedure and inspection. I have covered from docking, document required, inspection and measurements of Rudder, propeller, tailshaft and sealing arrangement, sacrificial anodes, ICCP, sensors fitted in the hull, sea chest, bilge keel, fin stabilizers, hull plating, bow thrusters, anchor chain and anchor.
29. If you find a dent in the ship's hull what checks you will make inside the ship.

THANK YOU AND ALL THE BEST FOR YOUR EXAM

UMTC - 9673855053
Shivaji Sir
Aditya Sir