



UK MARINE TRAINING CENTRE (UMTC)

SAI POOJA BUILDING, SHOP NO. 4, PLOT NO. 36, SECTOR - 34. KAMOTHE, NAVI
MUMBAI - 410 209 MAHARASHTRA, INDIA.

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Class 2 Oral's Questions

Date: 27-07-2024

Examiner: Andrew Lee

Candidate name: Nimantha Irugalbandara

Duration: 1Hr 45 Mins

Result: Pass

1. Checked documents (P/P).
2. What types of vessels that you have sailed on?
3. How you check the Main engine operating in good condition?
4. How you take Indicator cards?(Measuring procedure)
5. Shared screen and show me an indicator diagram and asked about the point on injection, Pmax?
6. How you identify from indicator diagram late injection?
7. What will be happen if after burning occurs and effects of after burning?
8. How the excess fuel is leads to an economizer fire?
9. How the soot removing when engine is running and stopped condition (full procedure)
10. As a 2nd eng what will be your immediate actions in an economizer fire?
11. Economizer circulation pump operation during economizer fire?
12. If you found oil in cascade tank what will you do?
13. From where you will get oil in to cascade tank?
14. What will be the effects if oil get to the boiler water? How will be the cleaning is done?
15. Shared screen again and showed me a 4 stroke engine cylinder head and asked for the overhauling procedure?
16. Explain full procedure of hydraulic jacking procedure for removal of cylinder head nuts?
17. What will you do if cylinder heads nut are not loosening even pressurized for the recommended pressure?
18. Then chief engineer asked to increase pressure at an intervals of 10 bar and Cylinder head nut were loosened. What checks will you do before reassembling?
19. When you join to the vessel you have found emergency fire pump, Life boat engine not working what will be your actions?
20. Which shore persons should be informed?
21. What is ISM explain the ISM , DOC (some more cross questions)
22. What is the purpose of ISM code?
23. How you follow ISM?
24. Elaborate MARPOL Annex VI (Asked about documents & NOx technical file What are the entries to be made in.)
25. Did you had a Bow thruster in your vessel?
26. What type of starter were used?
27. Why auto transformer starter is used?
28. What are the other methods of starting?



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29. Why star delta starter starters are used?
30. Explain the process of star delta starter operation
31. What are the safeties on Switch board?
32. What are the requirements for paralleling of generators?
33. Procedure for generator manual synchronizing?
34. What will be the causes for incoming generator voltage is not reaching 440v
35. How the frequency is achieved in generator?
36. What are the structural arrangements for fire protection?
37. Explain what Class A bulkhead is?
38. If chief engineer is not available explain the procedure of Releasing CO2.
39. What checks will be done before enter after CO2 flooding?
40. You have a repair in a fuel tank how will you prepare?
41. What are the risks that can expect in fuel tank
42. Explain an enclose space entry?
43. Can you send the cadet to the enclose space?

There were some little cross questions And moved fast within the questions.

UMTC - 9673855053
Shivaji Sir
Aditya Sir