



UK MARINE TRAINING CENTRE (UMTC)

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

EMAIL : umtcindia1234@gmail.com | PH : +91 9673855053, +91 7021406134

Class 2 Oral's Question

Date: 07/02/2024

Surveyor: Mark Lennon

Candidate: Mohammad Rafhan

Result : Pass

Time: 1Hr 47 MINS

1. Initially checked my passport and room inspection and asked for my table to be shown.
2. What type of vessel's you have worked on.
3. As first time second engineer what is your responsibility.
4. What is SMS. What it contains.
5. What is ISM code.
6. What is PMS.
7. What is Engine Room Survey. Give me examples.
8. Tell me Crosshead Survey, what clearances do you take.
9. From where you will find enclosed space entry checklist.
10. What is COSWP.
11. When working on X-head bearing oil full to your head, where is this oil coming from.
12. What is Stuffing box. How does it provide sealing.
13. Surveyor ask you to take photos of the Crosshead. Which photo's will you take and what checks are carried out on the bearing.
14. Explain procedure for Crankcase inspection.
15. Tell me about Main bearing survey.
16. How to take clearance on Main Bearing.
17. What else do you check in crankcase.
18. Describe Crankshaft Deflection.
19. When you take Crankshaft deflection.
20. Tell me difference between Bottom end and X-Head Bearing.
21. Why Crankcase relief doors are provided.
22. Explain how it works.
23. What is the need for Optimum Combustion.
24. How to take performance.
25. What is Indicator card. How you can check engine condition from Indicator card.
26. All 7 Units Exhaust temperature are high. What can be the reason explain.



UK MARINE TRAINING CENTER (UMTC)

UK MARINE TRAINING CENTRE (UMTC)

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

EMAIL : umtcindia1234@gmail.com | PH : +91 9673855053, +91 7021406134

27. What is CCAI value and where will you find this. Which range of oil to use.
28. Scavenge air temp. high reasons for that.
29. Explain how to control JKT LT temperature and what type of controller.
30. What is PID controller.
31. Explain how Onboard F.W is produced.
32. How to evaporate S.W at low temp.
33. Tell F.W post production treatments.
34. What is the danger in using F.W at accommodation.
35. Which temperature range of F.W used onboard to prevent Legionella Bacteria.
36. How you take Boiler make-up water.
37. Why use a separate tank for boiler make-up water.
38. How to treat boiler water.
39. What checks on boiler.
40. What you inspect on gas side and water side.
41. How you know boiler tubes are in good condition.
42. At Dry Dock C/E asks you to go and check ship bottom. What will you check.
43. What checks on propeller.
44. In CPP propeller what checks.
45. Checks in rudder.
46. How rudder is fixed to the ship.
47. What type of rudder bearings.
48. What chapter related to fuel in Marpol.
49. How pollution happens from fuel.
50. What regulation are related to pollution of air.
51. Onboard ship where we use ODS related equipments.
52. What are the IMO conventions.
53. What is Load Line Convention.
54. Why Load Line is there.
55. What on deck is related to load line convention.
56. What is switch board protection.
57. How to check Switch board protection.
58. Describe Preferential tripping.
59. E/R ship side valve leaking what is your action.
60. How to prevent E/R flooding.
61. What type of doors in E/R.
62. Why watertight doors are provided.
63. What is the difference between watertight and weathertight.
64. Where are watertight doors located.
65. What type of Fire Fighting system onboard.
66. What is Fixed Fire Fighting system.
67. Difference between CO2 and Water Mist system.
68. What is the danger with CO2 and when will you release CO2.
69. What type of structures onboard to prevent fire.
70. Describe types of Bulkheads and asked about Solas Chapter 2 part 2.