



UK MARINE TRAINING CENTER (UMTC)

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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 1 Oral's Questions

Date: 29/11/2023

Examiner: T.Maddison

Candidate name: Vaitheesh Sekhar

Duration: 1Hr 15 mins

Result: Pass

- 1.Type of vessel sailed on
- 2.What is type 2 and type 3 tankers
- 3.Type of engine sailed on
- 4.Explain ISM in brief
- 5.ISM Code part A and Part B
- 6.How does ISM affect u as C/E
- 7.ISM Code Section 2, section 6, section 7, section 10
- 8.What is DOC and SMC, interim DOC and SMC
- 9.What is CSM, how it is implemented onboard
- 10.What is master overriding authority could you please brief
- 11.What is critical equipment and how do you manage the critical equipment as C/E
- 12.Could you please brief about MARPOL Annex 6
- 13.ODS Substances onboard where do you find
- 14.No_x emission regulation 13 briefly explain
- 15.How do you control no_x emission
- 16.No_x technical file, how do you manage as C/E and what are all the things present on technical file
- 17.EIAPP and IAPP certificates
- 18.As you sailed on tankers what is marpol annex 6 chapter 3 regulation 15 talk about? Could u please brief on regulation 15
- 19.Sox emissions how do you control (0.5% globally and 0.1% ECA)
- 20.Is there any other method to control sox (Scrubber system)
- 21.What are all the records do you maintain on sox (sulphur record book and log book entry)
- 22.Bunker planning (Regulation 18 and ISO 8217)
- 23.Explain chapter 4 of marpol annex 6
- 24.Explain seemp part 1, part 2, part 3
- 25.EEOI & CII
- 26.EEDI & EEXI
- 27.How many boilers do you had onboard (1Aux boiler & 1 EGB)
- 28.Type of cargo pumping system (Framo)
- 29.Ever overhauled FRAMO pump (Yes)
- 30.Ok then prepare the tank for Framo pump overhaul in place (Looking for cargo tank man entry preparation, Purging, gas freeing and flammability diagram)



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31. Also explained about enclosed space entry procedure
32. How do you know inert gas O₂ content is reliable? (O₂ analyzer calibration)
33. Explain how do you carry out O₂ analyzer calibration
34. What are all the safeties on IGG (alarms and trips including line low pressure and low low pressure, high pressure)
35. As a C/E prepare your vessel for dry dock (explained from 3 monthly till end)
36. In between he asked about shore connection, how do you connect ?
37. What will happen if high voltage, low voltage, low frequency and high frequency?
38. If phase sequence detector is failed as a C/E how do u handle the situation?
39. Explain about MLC, as a C/E what are all the equipment's affect you (Air con- maintain the temperature at comfort zone, Refrigeration- maintain the cold room temperature below -18, calorifier- maintain the hot water temperature around 50°C, Fresh water tanks follow the maintenance plan 6 monthly, yearly, 5 yearly)
40. What is DMLC Part 1 and part 2
41. Take me through dry dock bottom inspection from forward to aft?
42. What are all the stresses will be acting at forward, midship section and stern area
43. How does the crack get initiated on that area (Fwd, Midship, stern)
44. How the anodes connected to the hull
45. Carry out the rudder inspection
46. How do you pressure test hydraulically the rudder after rudder repair (looking for 2.54 m head)
47. Stern tube clearance explain
48. Carry out the inspection on propeller
49. If tip is broken how do u carry out the repair
50. If the propeller is bent how do u carry out the repair
51. If propeller got a huge crack how do u repair