



# 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: 23/8/2023

Surveyor- Michael greenwood

Candidate: Pratik Savekar

Time -: 50 minutes.

Result - PASS.

Started with introduction room check and explained abt the examination process.

1. Tell me about your background ( I said , sir I have sailed on offshore vessels purely with 4-stroke engines )

2. Okay did you have any steam equipment ( I said sir I have not seen boiler in my entire life). So he nod and gave a small smile ( it was sort of digging a grave for myself but I was pretty much confident about 2-stroke engines and boilers thanks to all my main fleet friends who guided me through it)

3. Ok so you are joining as a 2nd engineer for the 1st time on a very large bulk carrier vessel tell me how will you go with the take over procedure (explained him everything about the take over procedure, and mentioned abt critical spare in between, almost I spent 15minutes on take over.)

4. What do you understand by critical spare what are critical equipment onboard( explained him everything abt the emergency equipment that comes under critical machinery and the need of critical spare)

5. So you notice some of your critical spare is missing what will be your action ( make a requisition and request from company)

6. Company says we will provide after six months.(inform class and flag)

7. Why inform class and flag( it comes under ISM code part A title 10 and it is responsibility of flag state to ensure vessel comply with ISM code)





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8. One unit exhaust temp is going high of your LARGE 2 stroke slow speed engine what might be reason. And what action will you take (I said I will take draw card)

9. Difference between draw card and power card

10. Showed me a draw card and asked what this card indicates (late injection card)

11. What will you check in injector while testing in workshop

12. What will you check in fuel pump

13. Fuel pump overhaul and how you adjust fuel pump timing and how you check fuel pump timing

14. All engine unit temp going high what might be reason

15. What do you check in BDN

16. Fuel oil analysis report what to check (said all 16 that are in report)

17. Asked abt what we do not want in our fuel (catfines)

18. Sox regulation

19. Said ok enough of fuel what are the safeties on alternator (reverse power relay, over current, under voltage etc)

20. Explain reverse power trip and why reverse power is undesirable

21. You start gen and there is no voltage what are your actions

22. How to carry out field flashing

23. What are types of overcurrent trips explain (OCIT, OC inst, IDMT)

24. If there is short circuit that will trip 1st (fuses)

25. Why fuses will trip (explained him why as per our college pink book)

26. Showed me AVR diagram and asked to explain (diagram had no label but was same from our pink book)

27. Asked me about ISM in short.





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28. What test we carry out on boiler and why.

29. What if TDS value is more what will you do

30. You are 2 days away from port and class surveyor will visit to do boiler survey when you reach port how will you plan about it (said him everything from planning to closing up the boiler as per min zar tar book)

Then he said ok enough I am done with the question I will have a word with the colleague who is online with us throughout our conversation and after a minute he came and said congratulations you are PASS and explained me abt the procedure to apply COC.