



UK MARINE TRAINING CENTRE (UMTC)

SAI POOJA BUILDING, SHOP NO. 4, PLOT NO. 36, SECTOR - 34. KAMOTHE, NAVI
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Class 2 Oral's Questions

Date: 21-02-2024

Examiner: Ben Lamping

Candidate name: Uchechi Anya Okoronkwo

Duration: 1Hr 20 Mins

Result: Pass

1. Duties/responsibilities of 2nd Engineer
2. Crosshead bearing inspection
3. 4 stroke inspection of piston, connecting Rod, gudgeon pin, crankpin and bearing
4. How a hydraulic jack works
5. Boiler water treatment
6. Oil in boiler water and how to arrest
7. How to know where the oil is coming from
8. Scavenge fire; how to know the particular unit and how to arrest it.
9. Boiler inspection
10. How to set boiler safety valves
11. Enclosed space entry
12. How lubrication works in 4 stroke; how the oil travels to the piston spaces
13. Emergency generator, how to test
14. Services that emergency generator supply
15. What is SMS system and what does it entail
16. Starters for Large Motors
17. What indicator cards you'll take on 2 stroke engines and why
18. Showed a draw card (late injection)
19. Causes of late injection and how to correct it
20. Fuel pump timing (4 stroke)
21. Refrigeration system(why would your cold room temperature be high)? Mentioned blocked condenser, and he asked how it got blocked, just said sediments since its sea water cooled. Mentioned air and he asked how I'll know it's air. Mentioned undercharge of gas, moisture and he asked how I'll know it's moisture in my system. Asked how to remedy
22. How to overhaul stuffing box (I kept it very basic). Went with approach of removing stuffing box, check piston since the scenario was scavenge fire aftermath and inspections,
23. How to flash up boiler from cold
24. Boiler safety devices