



UK MARINE TRAINING CENTRE (UMTC)

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Class 1 Oral's Questions

Date: 17 September 2024

Examiner: Amit Bannerji

Candidate name: Rishu Pathania

Duration: 1Hr 15 mins

Result: Pass

1. Chief engineer hospitalised / takeover as CE on aframax tanker
2. Statutory and mandatory certificates
3. Which certificate has supplement (iopp,cargo ship equipment ,cargo ship radio)
4. Smc and doc endorsement (if major nc again the certificate has to be endorsed)
5. Tie rod tightening procedure and pin screw arrangement (old and new type engine)
6. Cross head survey / assembly/disassembly procedure/ type of lubrication/material/ clearances
7. Draw and explain starting and reversing system for me engine
8. Me control system diagram and explain
9. Asked about egcs system , trips and alarm
10. Egcs sea water pump vfd circuit draw and explain
11. Boiler safety valve flooding procedure / types of safety valve
12. Draw and explain improved high lift safety valve
13. Safety valve and relief valve difference
14. Propeller wear down / where u find clearance
15. Propeller material
16. Life boat davit regulation and maintenance
17. Pyrotechnique on bridge
18. Ais testing procedure
19. Hru operating pressure for epirb
20. Co2 regulation / bottle size/ critical temp / what is free volume of co2 / how u calculate no of bottle required for the area
21. Draw and explain avr