



UK MARINE TRAINING CENTRE (UMTC)

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

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Class 1 Oral's Question

Date: 29 Aug 2023

Surveyor: Mark Lennon

Candidate: Anant Adesra

Result: Pass

Time: 1Hr 30 MINS

1. Type of ships you have sailed on
2. Difference between 2 stroke and 4 stroke L.O. system, cross ques about properties, what is TBN, SAE etc
3. M/e performance, indicator cards, load diagram, how to check and regulate timing. Spoke about VIT.
4. Refrigeration: something wrong with cooling system, I asked is the accommodation not cooling properly? He kept quiet and was only looking at my face, so 1 by 1 what all possibilities I could think I raised the problems, gave their causes, then reasons why it happened and solution as how to rectify the problems, he kept listening only (he did this for all the questions, so it seemed like he is not satisfied and he wants more answers, hence allowing me to finish). Then at the end he asked what are the indications for undercharge of the refrigerant....I gave all the reasons from sir's notes, but he was still looking at my face, I stuttered for a moment and gave some more reasons which were related to it (don't were correct or not). But he moved on.
5. Bunker planning in detail, he went back to this question 4 times. He wanted to know how I will plan from the beginning. From south Africa to south America. Cross questions...change over from vlsfo to lsmgo. U said u will discuss with C/OFF for which tanks he would like to check, why u ask him? What is stability, y do u need stability, u said about M-G-B-K wt. is gm, wt happens to it, why bunkering will disrupt stability, what is damage stability, how do u calculate it, I said sir I don't do it c/off does it



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with the help of Loadicator in company's provided laptop. He asked how do u know it needs to be calculated before bunkering, I explained for about 10-15 mins about all that I knew about stability, intact, damage, calculations, floodable length and factor of sub-division approach and attained sub-division method.....all that I knew I spoke.

6. Went back to ques no.2. When u r using lsmgo but u forgot to use low sulphur cylinder oil, what will happen. What actions.
7. DD, what all things do u consider for prep of DD specs. DD preparation, told him 3 monthly, 1 monthly, just b4 DD, here at this point he asked what do u require from the yard, I told all 4 points, so he said 1st point u said shore supply. What do u check, told him in detail including, shore supply cable certificate, lamp indicating power supply, phase angle detector. He asked y do u need this detector, told him everything that I had discussed with Shibu Chetta during preparation. What will happen if vltg high, freq low, if both low. He even went back to this question after asking other questions.
8. U took 4 times about Solas, what is it, in solas ch2.1 Reg 7 you used, explain.
9. MLC. What is reqd in MLC for crew, if a cadet joins wts the age criteria. If he is below age limit, what all things are there in MLC to protect him.
10. Marpol, Annex 6
11. Stcw, y its important.
12. Do u know, MSN 654? Mgn 069? I said yes and explained, so u know this is Chief unlimited orals, so I will ask u tanker related questions.....in tankers what precautions do u take while using lamps, I asked sir....hand held lamps?? He kept looking without saying anything. So I spoke about outside deck lamps and their type of fixtures and protection like, ED, EXI EXE, EXP AND EXS. Cross question: y do u need all this, why specially in tankers.
13. What is the role of starters, I asked sir are u asking about motor starters but.....so explained dol, start-delta, auto-transformer, wt are the importance of each of them, drew them in air, and explained both power and control circuit. He moved on.



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And some more questions he asked which I cant recall as of now, but if I do I will update this file and resend. At the end he said u r **PASS**, u did not falter anywhere. Now u can relax and sleep properly 😊

He was cooperative, he could have dig deep if he wanted but he was kind enough and he asked the questions which I knew. Thanks to the UMTC team of faculties. I called them at midnight and messaged them at 5 am, I always got the reply. Thank you.

UMTC - 9673855053

Shivaji Sir

ADITYA SIR