



## Class 2 Oral's Questions

Date: 18-12-2024

Examiner: Phil Bullman

Candidate name: Sopan Korde

Duration: 1Hr 10 Mins

Result: Pass

1. Duties and responsibilities of second engineer as per ISM
2. SMS ( wanted to know in detail about the contents of the SMS and implementation ).
3. List of certificates carried on board related to Marpol and asked details of the certificates I mentioned in my answer.
4. Marpol annex 1, annex 4, annex 5 and annex 6 along with certificates associated with each annex and details about annex.
5. Nox technical file in detail.
6. Showed me early and late injection draw cards and asked about causes and effects.
7. Boiler survey complete from preparation of survey, lay-up of boiler and than putting boiler back in use.
8. Boiler safety valve test and how to check spring of safety valve for defects.
9. Fuel pump timing check and adjust.
10. How electricity is produced in generator and use of AVR ( wanted to know what happens in rotor and stator of alternator and excitation system ).
11. Emergency generator testing with both test switch and tie breaker method.
12. Gave me scenario that my third engineer has gone for emergency generator testing and found belt broken, came and reported to me what action will I take.
13. You informed master and CE but they don't want to inform it to the company what will you do.
14. Showed main engine lub oil cooling system and asked to explain PID controller.
15. Showed me trunk type engine and asked to explain how lub oil goes from sump till piston.

Note : Surveyor is very patient and gives enough time to think for the answer, not much cross questions if you give answer to the point he is happy.