Date 16th Nov 2018
AMSA - Fremantle
Examiner - Bill Kelly
Duration 2.5 hrs **PASS**

Explain IMO, ISM, SMC, DOC
Explain NAV ACT, Marine Orders, Marine Notices
OHSMI Explain HSR role, PIN
Who is inspectorate
Ships Certs important to Engineers
Explain IOPP, OWS rules and operation SOPEP
Explain IAPP, SOX NOX Technical file, Rules Regs
Sewage rules regs
What does Port Limits Mean to engineers?
Explain Cargo ship construction cert
Explain Cargo Ship Equipment cert
Load line cert

Preparations for dry dock main checks 2/3 days prior and then during docking
Ships stability FSE
Shore power procedure, Phase rotation, voltage, frequency
Stern tube seal draw explain
CPP explain how it works. (Fail safe)

Joining new ship, your role and responsibilities, what are you going to be doing and looking and concerned about.
Difference between COC and Certificate of recognition.
Your Actions if you join ship and they have just bunkered 3.5% sulphur fuel.
What is on fire plan and where are they located, international shore connection, explain A60 B30
Fixed foam system basics
How would you identify extinguishers in the dark
Purpose of CO2 dip tube
Draw explain CO2 system

Scavenge Fire Indications/Actions/Reasons
OMD alarm Actions
Crankcase explosion reason/actions
Crank case relief v/v operation and maintenance

Draw Boiler
Start up, shut down procedure
Feed water level control
What happens if scale builds up
Actions if no water in gauge glass
Safety v/v setting
Boiler Entry
Confined space procedures, what is meter testing/how to test
What is LEL UEL

Draw MSB
Explain Preff trips, reverse power and how to test, under voltage, overcurrent
Sync Generators draw lights Phasor diagram
HV safety

Draw Fridge schematic explain HP, LP, pressure/enthalpy, temperature/Entropy