

BRIJMOHAN NEGI SIR MUMBAI NOIDA

Join us on Telegram for class 4 @mmdmeoclass4

Collected and Prepared By: SAHEEM KHAN

Saheem Khan:

30/01/19

External: Mr. Negi (Not sure)

Function 3

- Precautions to be taken before loading chemical cargoes.
- SOLAS chapters. Name Ch 13 & 14. Explain Ch 13.
- Latest amendments in MARPOL Annex 5
- CO2 fixed fire fighting system. Requirements for discharge, Safeties, working of alarm delay unit, maintenance at different intervals.

2nd attempt

mmd noida

Internal: purna majhi

External: negi

function 4b

how articulated system works full circuit

auxiliary engine is getting pressurise

reason

how you check blowpast of piston rings

all units at same kw gives more exhaust temp.....scavange cooler choked

difference between relief valve and safety valve even in constructional

in engine room what all places we have safety valve

why we are using intercooler in air compressor

reason for carbon deposits in intercooler.....looking for ans of oil catcher choked

stern tube tanks names

purpose of low gravity and high gravity tank

how will you check compression pressure of auxiliary engine

tests in boiler water

difference in p alkalinity and t alkalinity and their values

phosphate treatment reason, value and what if in excess quantity

how crosshead lubrication done in man bnw and in sulzer

does man bnw has any return or directly into the crankcase

type of burner of boiler

Turn down ratio

Maker of burner

Result: COC 🍌🍌🍌🍌🍌🍌🍌🍌

27/04/2021

Int : manji

Ext : brijmohan negi

First attempt

Function 3

1.Type : bulk

2.Bilge keel (kunjai shah)

3.Ch12 full widas regulations

4.Fire fighting for cargo hold , i said i dont have it then he ask year of the ship i said 2008 then he said ok

5.Fire fighting system co2 and hypermist

6.Co2 weight reg : 40% exclude casing and 35% include casing

7.How do u weight co2 bottle (kunjaj shah)

8.10 year routine for co2

9.Will you hyd test all co2 bottle i said 10% test if any 1 fail then 50% then if another fail then 100%

Result : pass (coc)

27/04/2021

Manjhi

Negi

Mgps

Iccp

Ig

Ig generator

Types of thread

Pipes

Gear pump

Bumping clearance

Bilge pump not taking suction

Die and tap

Pipe me bola 65a likha rhta h uska mtlb

Bolt ka bola agar m10 bolt h to spanner size konsa hoga 15/07/21 NOIDA

Majhi and Negi

Safety

Ig gas composition

pv valve setting

ism elements

survey

annual survey who conducts(classification society)

pms

cap(conditional assessment program)

generator overspeed trip which component does it

life boat launching speed

davit type who controls the speed

loadline

may be one or two more

Result- pass

Fn-6

Int- Majhi

Extr- brijmohan Negi

1. How to change corroded pipe?

2. What will be the size for M10 spanner??

3.NDT?

4. Checks on er crane? safety?

5.hydraulic crane problems,safety.

6.how will you change the pipe section?

7. Tev?

Rest forgot

15/07/21

Majhi sir and Negi Sir

Mep

Boiler water test why hydrazine

Any other method to remove O2

Glass safety what would u do if malfunctioning and level is not maintaining

Refractory material

Any work done inside refractory

Water circulating pump speciality(special material bush is there he said)

How to start boiler from cold

How water level is controlled

Any workdone on top of boiler

O2 is getting mixed in water at low temp or high temp

Why we are doing boiler water test

Types of rudder(i said 3 and one more spade not agreed said one more is there that is in tug boat)

Ballast pump impeller

And many more

Motor

Aux engine decarb when after how many running hours

Bottom end bearing overhaul after how many running hours

Clearances bottom end and main bearing

Aux engine differential pressure in which difference

Flow of lub oil in aux and main engine

Aux crankcase inspection what to check

Fuel pump aux what to check where leakage

Tell tale hole in aux why and where

Cam shaft lubrication and rollers lubrication how

Safety

What to check and do before leaving ums

What equipment or any method to fight deck fire on containership(equipment box with drills ans all)

If fire is there in ECC in control room will all machinery will stop?

All hand over procedures where it is written(ISM)

What circulars recently where to check

What is SmS

If there is collision and nobody knows what to do then how you'll come to know

Hypermist working full

Many more

Electrical

If there is fire in Ecc in control room then will all machines will stop?

Is there any battery in msb

How to check the battery endurance

For how many running hours geni work how much fuel

Which all places and machinery would work under emergency

Many more

Decider

Ballast pump which started

(star delta)

Okay how to know if it working fine or not how to know that it is delta now what to check

Got Safety electrical motor

Mep repeat

MMD NOIDA

15-7-2021

MANJHI AND NEGI

(Tanker Specific questions asked)

SAFETY: (Negi)

1. What is a Light Ship

2. Explain Inclining Experiment

3. Can loadlines of ship change if yes how?

4. Is pump room an enclosed space ,why do we check for gases in pump room before entering?

5. Calibration of H2S gas meter.
6. Individually testing gases in enclosed space (without multi gas detector)
7. Bunker fuel oil test (he meant benzene test)
8. Does deck seal and deck seal pump run even after loading/unloading and why?
9. Inert gas regulations in SOLAS.
10. Can we keep O2 below 2% and why not?
11. Explain LEL and UEL.
12. Is there any gas meter on AHU in air con room.

MEP (Negi)

1. AHU vibrating heavily reasons (asked to explain parts of AHU before that)
2. Amount of degree of superheat given by TXV (value) and reasons for providing superheat to refrigerant.
3. Pressure of Sea water pump in ballast and loaded conditions on your tanker vessel.
4. After taking out vertical shaft from purifier how do you remove it's bearing and location of these bearings.
5. Procedure to put new bearings and bearing nomenclature (he stated 6203ZZC3 bearing and asked me to explain its nomenclature)
6. How to order bolts.
7. What is Nominal Diameter.
8. When using an M10 bolt what number spanner should be used with it?

Accepted answers say thanks to utkarsh

1. AHU vibrating I said : a) worn out bearing b)loose foundation bolts c) motor overloading

To this he said bearing is alright ,it's mainly because of foundation bolts that become loose because nobody pays attention to them.

2.I said 2-3 degree of superheat

3. 0.2 MPa for ballast condition 0.3-0.4MPa for loaded conditions

4 and 5.) Purifier vertical shafts have 2 bearings one on the middle of the shaft and one at the bottom, bottom bearing sits on a spring supported by a ball in the purifier body inside a bearing housing, removed by first jacking the bearing housing with bolts then remove the bearing with the help of a bearing puller put the bolt on the shaft end and claws on the inner race of the bearing giving a jacking action, clean the shaft at the place with sand paper, mount new bearing after heating in oil checking its temp with a temp gun and then mounting it on the shaft and hammering its inner race with a pipe.

Safety : (Manjhi)

1. Explain types of certificates carried on board and list all certificates (kept telling him names of certificates till he asked me stop)

MEP (Manjhi)

1. Checks to be done on centrifugal pump shaft.

Cleared both.

Special thanks to Saheem Khan. ❤️