

NIJHAWAN SIR MUMBAI NOIDA

04/05/2021

Nijhawan

- 1) Sfc significance? Why do we need? Why it's written on engine
 - 2) MIP and MEP difference, how to take from graph
 - 3) if Cylinder Oil consumption increased, what effect
 - 4) do we monitor the quantity
 - 5) TC exhaust Temp High, Causes
 - 6) Steam Tube Temperature Rising Causes
 - 7) jcw level suddenly start fluctuating, liner is not cracked, reason
 - 8) Type of burner
 - 9) gate valve seat damaged how to repair (valve cutter se then lapping, gaali nahi diya but kuchh khaas chhoda bhi nahi)
 - 10) bilge tank level going high, leak bola hi tha and he was again on irritated
 - 11) MA compressor based questions
 - 12) Gas welding and gas cutting tool difference, pressure of both
 - 12) reamer tool
 - 13) exhaust gas bellow fitting
 - 14) piston removal safety, cylinder head removed, i have all permits and paper work(decider) in last
 - 15) Purifier vibration damping provision
- Aur bhi the yaad aagya to bata dunga

External - Nijhawan

Internal - Subbarao

Function 4b and 6

1. Type of Engine

2. Specifications of engine

3. Working of exhaust vv (Told about hydraulic piston and spring air mechanism) and xxx question

4. How do u check LO on board (told about all test but he did not accept)

5. Acculmation of pressure test in boiler

6. If u have 20 mm and 10 mm material and u have to weld, how will u set ur current setting.... what is the formula?

7. Veg room at -5 C , what are the problems?

8. Difference between eductor and ejector (told the correct definition, not accepted)

9. K value of turbocharger

10. Gear pump clearances

And many more...

Result : repeat

-Nijhawan was too irritated from before didn't wanted to listen to any answer

MMD Noida

06/05/21

Int- Meena Sir

Ext- Nijhawan Sir

Fn4 and 6

Motor

Engine Type and arrangement (DFDE)

Reduction Gear Ratio.

LO Sump level increasing in running reason.

ME Air cooler leak detection and rectification

Check in boiler safety valve after dismantling. (Not accepting - deep grooves check trueness of shaft, body for erosion and corrosion, spring fall test)

Shrinkage and swelling of boiler.

Working of Level Controller/Trasmitter

TC outlet high temperature.

What is difference in properties of Hydraulic oil used in steering gear and Cylinder Lube Oil.

Main bearing Overhaul and clearance .

Reasons for FWG low production

How would sea water temperature affect water production.

What are fretted bolts and where used(could not answer).

Unloader working of Refrigeration Compressor.

How will you order V belt ? (could not answer)

What test would you do on treated STP discharge before discharging.

Bearing nomeclature

Welding Rod nomenclature.

Result - Got Fn 6

29/6/2021

Gauri laal meena and Nijhawan sir

Safety:

Type of ship

Longitudinal ceter of gravity and center of flotation

Type of fixed fire fighting system

Cst plate on container

BLEVE

Purifier room fire

Tier 2 NOx

Fire wallet

Motor:

Type of Main engine

Surging of t/c

Crankshaft semibuilt and fully built difference

Boiler tubes leaking-identification and rectification

Boiler water level high alarm testing

All alarms and tests before long voyage(he wanted steering gear+all ME alarm checks)

Flame ring purpose on piston

Result-Motor pass, safety repeat

Mumbai

05/07/2021

Subbarao

Nijhawan

Motor/Mep

Reson for stern tube high temperature?

If u passing through the heavy weather Wat precaution u will take?

Fwg efficiency gradually drop reason? Function of demister?

Crankcase lub oil have water from where that coming?

Scavenge efficiency? Wat is efficiency? Wat is output and input efficiency?

Valve timing?

In boiler water what is relation between p alkanity and T alkanity? If both same Wat can u do?

Welding electrode nomenclature?

Mumbai

5/7/21

Subbarao

Nijwan

Mehotra

Fn 3

Types of ship

Garboard strake

Sheer strake

How CO2 low pressure system works

Abandon ship drill

Fn 5

Safety of steering gear motor

What happens low and high frequency come from shore supply

How to find the motor starting problem

Star delta starter

Difference between auto transformer and ignition transformer

Mumbai

5/7/21

Subbarao

Nijawan

Motor/MEP

Engine type, Configuration

Engine performance good or bad how to know.

T/C inlet temp high why, what you'll check, how to rectify.

Reefer system switchover complete process from one system to standby system, how.

Why Phosphate test

Welding 8mm to 16mm plate, how?

Failed both

Mumbai

5/7/21

Subbarao

Nijawan

Mep

How exhaust valve works

Significance of firing order

Safeties in domestic refrigeration

Failed i answered these still he failed without asking more

06/07/2021

Noida

Subarao

Nijhawan sir 

Types of ship

Which types of stiffener used in painting

Location of paint locker

Action during engine room flooding

Eedi

Seemp

Function of time delay unit

Result pass

Coc

06/08/2021

f 4b & 6

subbarao sir

nijhawan sir

1. how will u find the performance of me

2. over board pipe is leakage what temporary repair

3 how to take main bearing clearance from down side

4 in shall n tube type tube burst one by one reason

5hydraulic pressure apply on cyl. head where and what happen

7 purifier noe acheving speed reason

8 air starting line explosion

9 how will u chng the exahust bellow

10 blow through of boiler

how to change the sheet of a v/v if get coroded

06/08/2021

Noida

Subbarao sir

Nijhawan sir

Function 5...

What is Excitation ,Boiler Transformer & one more kisi k transformer ka difference pocha tha bhul gya kiska,Koyi bhi water level sensor ckt kisy kam krta h ,Battey Charging p lgaty time kya safties hony chahiye? Or bhi aisy he 1_2 bklol question or thy..yaad ayengy bta donga sir

Function 4

Motor

Intern - Meena

External - Nijwahan

1) Axial displacement pump

2) mep vs mip

3) scavenge efficiency

4) lo heater keep on leaking again and again , reason

5) she'll type heater

6) primary air , how primary air is used in engine

1-2 more

Coc 

Y Phosphate test

If alkalinity and p alkalinity same , what is reason

07 sept

Func 3

meena sir

Nijhawan sir

1. Bulbous bow nd constr diff btwn tanker and container

2 stiff n tender ship

3 fwd and midship liferaft diff

Why liferaft is provided with two bottom

How to upright liferaft

4 code convention diff

5 certi under annex 6

Two more questions cant remember now

Pass

Thanks to all 

Func 3

meena sir

nijhawan sir

-what is cross curve stability (ans is not gz curve)

-how to know the stability of a container ship

- extinguishing medium for a tier 3 container at top of hatch cover

-on load/off load release of lifeboat(both kinds)

-new ammendment regarding portable extinguisher (related to foam maybe)

-new ammendment in and 5(incineration)

Result-repeat

And*- ANX

Noida

Int: meena

Ext: nijwahan

Fun:3

Type of ship

Difference between chemical and product tanker

Stiff and tender ship

Brest hook

Foam system

Which foam for chemical tanker

Checks on foam concentrate

Risk assessment

Discharge criteria for chemical tanker

Meena: isolation valve and cross questions

Result:nijwahan said dekh lo sir aap

Meena said theek hai sir pass kar dete hain.

Coc 

07/09/2021

MEP

Int. Nijhawan Sir

Ext. Meena sir

How do you overhaul Butterfly V/V

How do you take out main bearing of auxiliary engine

How does a hydraulic jack works & if the jack is leaking how to overhaul it

How does a pressure reducing v/v works

What takes the weight of the impeller & shaft of a centrifugal p/p

How to replace a leaking tube from a condenser(Whole process, how to take out the tube stack n all)

What is the speciality of the flange of bunker line where the sapling v/v is connected (Perforation is there on the sampling flange, wanted to hear that)

If one unit exh. Temp. Of AE is lesser what are the causes

thanx 2 the wise man

3. The hydraulic jack sits on the base when the stud is fixed on the nut & over the jack a nut is there which is connected to the stud, now this pressure applied is elongating the hydraulic nut kf the engine, applying force on the base over which the jack is restinf

1. Bro butterfly v/v maine bataya ki sir first we will take the whole line out to replace or overhaul the valve

Then I'll check the gear of the v/v the v/v disc if it has worn down or not. I said i only know these things sir

For overhauling I told, I'll take the jack to workshop now, I'll hammer & split the jack into 2 pieces, now I'll change the o-rings & plastic rings covering the o-ring inside I. After replacing I'll box it all up

Pressure reducing v/v i said there might be a orifice or something which has a larger opening from where the air is coming n all

I wasn't sure about this

The bottom bearing of the centrifugal p/p shaft takes the weight

6. There's perforation on the flange, (the drip system which we use has a v/v is wrong), the speciality of this flange is perforation on it

Noida

meena sir

Nijhawan sir

MEP

1.type of cards taken on engine(power,compression,light spring,draw card)

2.how to do shrunk fit (ice vali bullshit mat dena marega nahi to)

3.pump performance decrease hui kase pata chalega

4.engine not turning on air

5.how to change wear ring

Ek do aur question hai vo yaad ayenge to bta dunga bro

PASS ❤️

ACCEPTED ANSWERS THANK TO WISE MAN

2. Bhai maine bola heat krenge phir vo bolne laga ki bearing damage ho jaye...phir mai bolne laga ki ice se thanada krenge phir vo marne laga to maine bola ni ata

3. bhai esmai bola ki discharge pressure se pta chl jayega

Vo decrease hoga

Phir usne reason puche kyu hoga

Maine bola suction valve throttle hai..wear ring worn down....cavitation

Ye bola bhai exact

int. meena sir

ext. nijhawan sir

Motor

1. Construction of ME

2. Location of stuffing box

3. Puncture valve diagram

4. Aux engine air starting system.

5. Emergency Generator air starting system.