

# **RAJEEV WAD SIR QUESTION MUM NOIDA**

**Mmd mumbai**

**20 oct**

**Rajeev wad sir**

**Subbarao sir**

**Safety**

- 1. What is code of safety**
- 2. Bulwark**
- 3. Cargo related regulation in annex 6**
- 4. Rocket parachute regulation**
- 5. Steering gear electrical regulation**
- 6. Doc smc**

**20 oct**

**MUMBAI**

**SUBBARAO SIR**

**RAJEEV SIR**

**MOTOR**

**Valve in steering system**

**Function of valves**

**Type of turbocharger**

**Purpose , working ,function of lybranith seal**

**Starting air line safety**

**Slow turning**

**Omd alarm what happens inside engine**

**He doesn't listen anything**

**Inter- Meena**

**External - Rajeev**

**Motor**

**Rudder jumping clearance**

**Material of propeller**

**Stuffing box internal construction**

**Working of Me engine**

**Mep**

**Freshwater generator vacuum dropping**

**Steam trap function**

**Why isometric threads are used**

**In Mep he was stuck on threads where we use which threads and failed 😊**

**20th October**

**MUMBAI**

**Subbarao sir**

**Rajeev sir**

**Mep**

**Type of ship sailed**

**Bollard pull**

**Type of engine**

**Inline or V?**

**How will you correct the liner with abrasive wear**

**Welding defects**

**Pump and motor alignment how to check and correct**

**Lathe machine different parts**

**Purifier too much vibration, causes?**

**Air compressor crankcase checks, it's lube oil tests, how to measure it's bearing clearance**

**20/10/2021**

**MMD mumbai.**

**Internal - Subbarao**

**External - Rajeev wad**

**Safety fn3**

**\*CO2 release in cargo hold and detection in container.vessel?**

**\*rescue boat new amendments?**

**\*sewage discharge calculations?**

**\*garbage management plan and new amendments?**

**\*shell expansion plan?**

**Pass**

**Manjhi sir - Very gentle man **

**Safety**

**Skew**

**Types of keel**

**Which keel applicable on yor ship.**

**Sewage holding tank discharge criteria.**

**I this they ask BOD dont know.**

**Sprinkler system ..**

**Sewage discharge calculation.**

**ETO ( Emergency towing operation)**

**26 oct**

**mumbai**

**Manjhi sir**

**Rajeev sir**

**electrical**

**motor over heating reasons.**

**Lead acid battery**

**how to check performance.**

**Ir test**

**overload trip**

**440 v Earth fault**

**Result pass**

**Date:26/10**

**Majhi and Rajeev**

**Safely**

**Type of Ship**

**P&A manual**

**Radar trunk space and it's sealing**

**Radar tests**

**Gong**

**Composition and properties of Scrubber discharge**

**Water tight door full**

**Rocket parachute Regulations**

**Latest Amendemnt in solas chp 14**

**Solas chp 13**

**Solas chp 3**

**MEOL**

**type of engine (Me-B)**

**Top piston ring**

**How many accumulater in alpha lubricator**

**Signals to alpha lubricator**

**Top bracing use location material**

**Use of skemer in STP**

**types of postive displacement pumps**

**Variable displacement pumps**

**Got function 3**

**26-10-2021**

**Int- majhi**

**Ext- rajeev**

**Function 6- coc attempt**

**1. Checks on bunker tank air vent.**

**2. MAC second stage relief valve lifting reason.**

3. Lathe machine 4 jaw chuck. Advantage and how to centre tool.

4. Purifier bowl wobbling. Reason.

5. ME Fuel pump

Vibration damper.

I didn't answer only last question.

And he failed

Internal - manjhi sir 🤔🤔🤔

External- rajeev sir

Function-4b

Type of ships

1.types of crankshaft

Fully crankshaft

Semi crankshaft

MAC Liner lubrication

Centrifugal filter

Rampson

Valves on steering gear?

Cylinder head overhauling done after keep in workshop what will u checks on it?

What is vline and Lline?

Overhauling of auxiliary engine?

How to check viscosity in

lub oil?

Mep

Nomogram why used?

Scale on it?

Gear pump overhauling?

Checks on it?

Cpp?

Advantage?

**Marking on flywheels?**

**external not good**

**Decider from manjhi sir**

**Me interlocks**

**And turning gear why used**

**Function 4b pass and 6 repeat**

**Ext : rajeev sir **

**Int : purna manjhi sir **

**Mep**

**What is Annealing, where we use**

**Ref compressor c/case oil charging**

**Why to do phosphate test, what will happen if increased?**

**What is me exhaust valve drop test?**

**Engine room crane Safeties and how to do load test?**

**Result : pass**

**COC  **

**27 oct**

**Rajeev sir**

**Mumbai mmd**

**1.fire fighting system on deck**

**Lpg carrier so mountings on dcp tank**

**2.S Vdr**

**3.types of ships in igc code**

**4.angle of vanishing stability**

**5.garbage special areas and sensitive areas**

**Mumbai**

**27/10/21**

**Intr Meena**

**Extr Rajeev**

**Motor and MEP**

**Type of vessels**

**Engine type (generator)**

**Thrusters**

**Azimuth thruster power transmission**

**Gear arrangement**

**Alarms and trip**

**Sealing**

**Type of gate valve**

**Contractions 🙄**

**Counterweight arrangement**

**Gudgent pin lubrication**

**And arrangements**

**Volumetric efficiency**

**Pump and motor allign**

**Soft pad**

**FWG**

**RO**

**Type of pump and maintenance**

**Welding in zig zag pipe (each and every point)**

**Valve guide and valve seat**

**And some more Xx**

**Motor pass**

**MEP repeat**

**09/nov/21**

**Meena sir**

**Rajeev sir**

**(09 min )**

**Fn. 3**

**Co2 bottle safety in fix co2 system xx**

**Annex 6**

**Dynamic stability for ship**

**Solas 12**

**Rest forget**

**Meena**

**Rajeev**

**9 Nov**

**Function 3 ,5**

**30 mins**

**Difference between oil tanker, product and chemical tanker**

**Mob tests**

**Windlass brake safety**

**Double bottom construction**

**Ig alarm and trips**

**What is CBA and requirements of CBA**

**Method for static electricity discharge between ship to shore and between ship pipelines**

**Function 5**

**Msn safeties**

**Synchronous motor**

**Clamp meter**

**Checks on iccp in drydock**

**Method to discharge lighting on ship**

**BOTH PASS SOMEHOW**

**ONLY GAVE COMPLETE ANSWER FOR 4-5 QUESTIONS AND REST GAVE HALF ANSWERS ONLY.**

**thanks shaeem bro **

**12 nov**

**NOIDA**

**external rajeev sir**

**internal sirish sir**

**elec**

**battery room safeties**

**proximity switch**

**esb location and supplies**

**soft starter**

**auto transformer**

**result coc**

**12 Nov**

**Noida**

**Int - Shrish**

**Ext - Rajeev**

**1) Latest amendment in annex 5**

**2) Lower and Upper Stool space in bulk carrier**

**3) Hospital safeties, location and regulations, no. of person onboard above which hospital will be there**

**4) NOx technical file entries**

**5) Why SOLAS training manual is there when SOLAS is present onboard**

**6) Chapter 12 of SOLAS**

**7) CO2 bottle safeties and time delay how much and mechanism. How time delay happens**

**8) annex 6 pollutants names and regulations related to them**

**And some more**

**9) Content of muster list**

**12-11-21**

**int-siresh sir**

**ext-rajeev sir**

**safety-**

**show passport**

**which vessel? container**

a system to prevent rolling? he wanted to hear anti heeling

full working? input from ships gyro

where this pump take suction? tanks-they are already ballasted

cargo hold smoke sampling(detector) full working

Fixed co2 system C/H? x qns

structural members in torsion box?

teu?

rest forgot

siresh-

which annex applicable on your ship

annex 3 classification x question

pass

saheem bhai is a gem, thanks bro

12-11-21

int-siresh sir

ext-rajeev sir

Motor

1. Vit and cross questions?

2. type of engine?

3. Mounting of hydrophore?

4. Mounting of calorifier?

5. Slide type fuel injector?

6. Viscotherm? And cross questions?

7. Valves in the steering gear system

8. How the air is made available in boiler burner?

Repaet

16 nov

Mumbai

Ext- rajeev sir

**Int- Meena sir**

**Fun 3-5**

**Permeability**

**Life buoy, types, everything about this**

**Annex 6**

**Dynamic stability**

**Gz curve**

**Annex11-1**

**Static stability**

**What is Delta g,**

**Angle of heel**

**And many more forgot.**

**Electrical-**

**Msb, how dead front gate works.**

**Ingress protection**

**Earth fault and cross question**

**What happen if you find, the earth fault in 440v , action.**

**What you will do, if you get shock from your home refrigerator. What the checks and safeties**

**And many more.**

**Results - confused 🤔.. External said both pass.. But then Meena sir asked bilge discharge criteria.. I told almost everything and quantity I said 30ltr per nm... Then he said.. No no. And cut the phone.**

**16 NOV**

**MUMBAI**

**MEENA SIR**

**RAJEEV SIR**

**Electrical**

**How to take IR test??**

**How to take emergency gen on load?**

How the emgncy gen start in case of black out?

Alternator winding temp sensor and it's working?

16/11

Mena sir( devta) ❤️ ❤️ ❤️

Rajeev sir

Function 3

1-Type of life buoy

Regulation and mountings

2- in Double bottom tank, procedure of removing slugde

3- water management plan

4- DB tank what are the plates inside it

Rest forget

Function 5

1- alternator working

2- avr working

3- air circuit Braker maintainance

4- battery room maintenance

6- type of fan installed in battery room and why

5- battery vent safeties

Auto transformer

And induction motor stator and rotor construction

MUMBAI

MEENA SIR

RAJEEV SIR

Fabrication ke bare me puch.. Mai shim ka bataya ohmana nai

Old pipe is corroded has bend in then he will give new pipe how will u make bend s

Oil is comming from cranckcase in to under piston. Reason for

location of errosion plug.

Boiler pressure rising what action u will take

How to fit mechanical seal. : Valve timing diagram. Draw karneke liye bola  
motor pass , mep bacha tq brother

16/11

Int : meena

Ext : rajiv

Safety

Imdg

Imdg lines(dont know)

Changing light of imdg cargo hold

Panting stress

Slamming

Panting

Eletrical

Solenoid v/v

Pref trip

S/g ele regulation

Safety repeat

Eletrical pass

MMD MUMBAI

18/11/2021

Meena sir

Rajeev Wad sir

Fun 4b

Type of ship

Type of engine

Reciprocating pump, wanted to here about relief valve and accumulator

Start air valve, construction

STP, 4th tank purpose

How chlorine is added

**What is storm valve**

**Result- COC**

**Thanks to the legend Samant sir, Onkar sir and All HATC family** ❤️🙏😊

**Mumbai**

**18 Nov**

**Ext rajeev**

**Int meena**

**Safety**

**Solas Ch14 name**

**Total sections in Ch 14**

**Book related to ch 14**

**Acc to freeboard type a and type b ships**

**What is SEC?**

**CO2 annual inspection**

**How to decide weight of rudder**

**IOPP certificate**

**And sections**

**Ext failed!** 😞

**Asking nonsense questions**

**I prepared so much but all in vain if they ask such questions.**

**18/11/2021**

**External rajeev wad**

**Internal meena**

**1)type of engine**

**2)calorifer mountings**

**3)hydraulic power pack mounting**

**4)boiler burner parts**

**5)working of rotary cup burner**

**6)butterfly valve and how controlled automatically**

7)types of cards and full explanation

8)stuffing box parts and explain

And many more

Result-removed from meeting b4 telling result(external was like he needs more preparation)will only know when result is updated on epariksha.

External wants 1quick answers will go to next question even if u take time to think.

In the end meena sir was like isko dete hai funtion but extrenal was like nahi sir preparation ka jarurat hai isko.

01 dec

MUMBAI

Internal : SubbaRao sir.

External : Rajeevwad sir.

Function 4B

1. Type pf ship type of engine
2. 4 Stroke V type engine crossquestions
3. Types of crankshafts
4. Annealing
5. Crankcase Lubrication properties
6. Effeciency of main engine filter to check.
7. Tappet clearance more less.

Mep

- 1.Globe valve not working properly
- 2.Air compressor crankcase pressure high.
- 3.Centrifugal pump impellar checks
- 4.Thermostatic valve purpose
- 5.Steering gear type and Rotary vane working.

many more cross after'll update

Got Motor

Thankyou Saheem bhai and all group friends 🙏

MUMBAI

**Subharao**

**Rajeev wad**

**Eedi**

**Csr**

**Garbage classes**

**Odp**

**Dynamic stability**

**Pump Room regulation**

**Pump priming arrangements**

**Hypermist mist activation**

**How pressure is created**

**Pass**

**01 dec**

**Internal:Subbarao**

**External: Rajeev wad**

**\*4B\***

**1. Boiler turndown ratio and its significance**

**2. Type of burner onboard and its working**

**3. Gazette stay in boiler**

**4. Compensation ring in boiler**

**5. Exhaust gas pyrometer (temp sensor fitted on manifold) and its working**

**\*5\***

**1. Insulation class and its temp's**

**2. Iccp voltage value and current value**

**3. Mgps checks during watchkeeping (except voltage and flow)**

**4. As a electrical officer what all checks you will carry out on cargo manifold and cargo pipelines**

**5. Alternator side safeties except the usual safeties like Prf trip, reverse trip, etc etc. He is asking other than that**

**\*6\***

1. Checks on holding down bolts
2. Pipe fabrication
3. Checks on A/E crankshaft counter weight on crankcase inspection. (He wants to hear only abt counterweight checks. Nothing else he want)
4. Checks on heat exchanger cover(Wants to hear the checks only for cover)

**\*Internal\***

1. Heat exchanger efficiency dropped to worst condition after overhauling, cleaning, tube leak checking and pr testing. What could be the reason?

Got 4b and 5.

Int- Meena

Ext- Rajeev Wad

MEP

-Type of ship sailed on. Specification- Eng.

-A/E cc inspection (checks only on crankshaft)

-Reefer oil charging process ( explain Vacuum process), safeties associated with that.

-M/E fuel pp shock absorber checks. How you will know about leaks.

-Gear pp housing, what you will check, when opened up for o'haul

-Drain pipe choked, what you will do? Said we will use chemicals, he said, I want mechanical answer, tool name.

-4 jaw chuck, parts of lathe, how to know it is precisely fitted

-scav inspection, how will you know Piston ring isn't collapsed?

External said borderline pe hai, Meena sir, aap puchlo, to which Meena sir replied SIR JAANE DO and asked nothing. Later asked which attempt, I told him...

Abhi jaane do kya hua, kuch clear nhi bataaya!!

Rajeev wad

Dp vessel

Diode

Ir test

Capcitor

Balast in light

Annex 5

**Bulwark**

**Soft starter**

**03 JAN 2022**

**MUMBAI**

**RAJEEV WAD SIR**

**SAFETY**

**Plc explain, which point has rest hour**

**CO2 safety**

**CO2 room regulations**

**Purifier room fire**

**Which certificate validity infinity**

**Some certificate names apart marpol solas**

**What surveyer checks in tonnage survey**

**03 jan**

**mumbai**

**subbarao sir**

**Rajeev sir**

**1. NDT test types**

**2. Dye penetrant test explain**

**3. Centrifugal pump overhaul**

**4. Purifier overflow**

**5. Air start valve leaking how to check**

**6. Tappet clearance how to check piston at TDC**

**7. 4 stroke and 2 stroke difference**

**Many more**

**Thanks to HATC & saheem bhai, AND friends who helped me in preparation**

**Sir he told he gave me function 6 but 4B repeat although I gave all the answers**

**03 JAN**

**MUMBAI**

**SUBBARAO SIR**

**RAJEEV WAD SIR**

**Hru, places**

**CO2 fire extinguisher**

**Scba check**

**Inclination experiment**

**Free surface effect**

**Enclosed space entry**

**Gas limit**

**Types of fire**

**D1,D2 ballast water**

**Marpol annex 3,4,6**

**PASS**

**Annex 1**

**Difference between special and normal area**

**Enclosed space entry procedure**

**Freeboard**

**03 jan**

**mumbai**

**Rajeev wad sir ext**

**subbarao sir**

**Type of engine**

**Tubocharging both methods**

**A/E not starting on fuel**

**Tappet clearance**

**Compressor continuously running reason**

**Anti polishing ring**

**Type of piston rings in engine**

**Material of ring**

**Material of crankshaft**

**Welding defect**

**Master air valve**

**Which spanner for bolt M10**

**Int - Subbarao sir**

**Ext - Rajeev wad sir**

**Function - 3**

- 1. Solas requirements for emergency generator**
- 2. Markings on Lifeboat (Is makers name is there)**
- 3. Marpol Annex 5**
- 4. Marpol Annex 4 discharge criteria**
- 5. Dimensions of standard discharge connection for sewage**
- 6. International shore connection dimensions and purpose**
- 7. Classes of fire**
- 8. What do we use for class D and class C fire? What is class K fire?**
- 9. What maintenance we do on DCP extinguisher?**
- 10. Mandatory certificates**
- 11. What all certificates the ship needs to carry?**
- 12. What is DOC? Where it is kept?**

**Result - Fail**

**Rajeev wad**

**Safety**

**Type of ship**

**Shell expansion plan**

**Co2 room regulation**

**Why 85% in 2 min**

**Annex 1 discharge criteria**

**Annex 4 discharge criteria**

**EEDI**

**Water tight door and weather tight door**

**How to do hydraulic test of water tight door**

**Electrical**

**Open ckt and short ckt**

**What is earth fault**

**Difference between induction motor and synchronous motor**

**Steering gear system electrical safety**

**Safety of MSG**

**Battery room safeties**

**Motor winding overheated reason**

**Generator running but not producing voltage, why**

**Ext Rajeev sir**

**Int roa sir**

**Safety**

**Life raft regulations**

**Emergency fire pump regulations**

**What are kept in life boat**

**Electrical**

**Trips on A/E**

**Reverse power trip**

**Preferential trip**

**Star delta**

**Types of startes**

**Fues and circuit brk difference**

**Batter room safety and regulations**

**10 jan**

**Noida**

**manjhi sir**

**rajeev wad sir**

**Safety:**

**Skew of propeller,**

**Double bottom construction**

**ISM**

**Elec:**

**IP**

**insulation**

**Preferential trip**

**ACB parts**

**How to check continuity**

**Isolated neutral system**

**10 Jan**

**Noida**

**External - Rajeev was sir**

**Internal- Majhi Sir**

**Type of ship?**

**How to reduce panting stress on ship?**

**Solas chapter 12?**

**What are additional safeties under chapter 12?**

**MOB marker in detail?**

**Double bottom construction?(member of db)**

**Safety on DCP? Purpose of those safety?**

**EEOI?**

**Flag state vs port state inspection?**

**ISM with certificate?**

**ISPS?**

**SSAS?**

**Annex-6 with some cross?**

**Result -pass(COC 🙏🙏)**

**SPECIAL THANKS TO SAHEEM BHAJ FOR THE MATERIAL, rucheer, pankaj, and all the members for discussion)**

**Noida**

**10 jan**

**Ext- rajeev wad sir**

**Int- Manjhi sir**

**Safety -Orb-1 entries**

**Watertight door regulations**

**Crankcase door regulations**

**Double bottom construction**

**Types of garbage**

**Types of free surface effect**

**Watertightdoor regulation**

**Deadweight**

**Electrical- Relay function**

**Why air gap between stator and rotor in alternator**

**Parts of air circuit breaker**

**Insulation test of motor**

**Construction of Induction motor**

**Vfd in induction motor.**

**Noida**

**Int - Rajeev Sir**

**Ext - Majhi Sir**

**1) Bitter End**

**2) Certificates in MARPOL annex 4,5,6 and validity**

**3) Internal markings of LB**

**4) GWP**

**5) Static and Dynamic Stability of ship. How to find dynamic stability and from which curve. Unit of area.**

**Thanks bro for all the help in each and every function. 🙏**

**mumbai**

**19 jan**

**Ext Rajeev**

**Safety**

**annex 1 special areas**

**skew**

**voc**

**solas reg 11**

**solas book**

**smpep**

**Electrical**

**exi,exd.....**

**ip**

**current transformer**

**AE started but no voltage**

**autotransformer**

**Ext- rajeev**

**Int - someone from chennai**

**Motor**

**Emergency fire pump priming pump , priming pump working, how it is connected, and of priming pump not working properly**

**Positive cavity pump, its part and working**

**Steering gear type of v/v**

**- relief v/v**

**- isolation v/v**

**- bipass v/v**

**- bidirectional control v/v**

**Asking more more**

**Over laap period**

**Boiler types of tubes**

**Cross question about ships engine specifications**

**Tie rod pinching screw and location and use how it is attached**

**Centrifugal pump priming**

**Not accepted any answer**

**Fail**

**Bhut mahan admii hai rajeev bhैया 🙏🙏🙏**

**Motor mep**

**Rajeev sir**

**Gopikrisna**

**Motor MEp**

**Engine Nomenclature**

**Piston mean speed derive the equation**

**Exhaust and inlet valve how to hold on cylinder head(cotter)**

**What check on that**

**Capacity control valve on AC.**

**how to operate**

**Multistage centrifugal pump how to increase the pressure**

**Boiler pressure rising safety valve is not lifting what action you will take**

**How to operate easing gear what is arrangement for that.**

**Types of burner**

**Y jet type burner full working**

**Burner parts**

**Purifier is not picking up speed.**

**How to fit the guide inside the exhaust valve spindle**

**Butterfly valve working**

**What is arrangement for disc is align on that.**

**What is material of butterfly valve seat.**

**From where water will enter inside the cylinder**

**Turn down ratio of burner**

**Rajeev wad sir**

**Function 5 function 3**

**Msb circuit breaker not closing even if of all condition satisfied reason**

**Use of high voltage system**

**Life boat davit test**

**Imdg**

**Solas chapter 6 and 7**

**Blower fan reversible .how to make**

**Propeller rattling**

**Torsion box structure**

**Definition nt grt**

**Boiler flame detector working**

**27/01/2020**

**Int:- Meena sir**

**Ext:- Rajeev wad sir**

**Motor/mep**

**1. Tell about cam (terminology used)**

**2.engine not starting on air**

**3.how to select gravity disc**

**4.how to join two copper tubes(told some connection name)**

**5.how to test fuel injector.and types of test . difference between drop and leak test .**

**6. In LO collar lub oil temp not difference reason (hole in partition plate)**

**7.Npsh how to calculate draw n show .**

**8.types of positive displacement pumps**

**9.many more don't remember**

**Mep- pass**

**Motor repeat.**

**Rajeev wad sir gives time to answer. but want to the point answer.**

**Thanks saheem Bhai and every one for sharing questions. Keep sharing questions 😊**

**27/01/2022**

**Internal- Meena**

**External- Rajeev Wad**

**1) Which type of ship? Gas carrier fixed fire fighting dcp operation? Satisfied then ask for the dcp tank mountings.**

**2) What is rake of propeller? He asked me to draw the diagram.**

**3) MOB marker performance? I told about procedure as I did it on my vessel. Didn't satisfied.**

**4) Types of stern frame?**

**5) Crankcase door solas regulation? Which chapter?**

**Result- Fail**

**Rajeev wad is next level surveyor. Beware of him.**

**Today he failed 3 coc attempters.**

**Don't expect second chance/ decider question from both of them.**

**27/01/2020**

**Int:- Meena sir**

**Ext:- Rajeev wad sir**

**Motor/mep**

**1. Tell about cam (terminology used....base circle,dwell,peak.....)**

**2.engine not starting on air**

**3.how to select gravity disc**

**4.how to join two copper tubes(told some connection name)**

**5.how to test fuel injector.and types of test . difference between drop and leak test and why we do**

**6. In LO collar lub oil temp not difference reason (hole in partition plate)**

**7.Npsh how to calculate draw n show .**

**8.types of positive displacement pumps**

**9.Piston ring and groove clearance.**

**10. Type of bearing in rocker arm.**

**12.**

**Mep- pass**

**Motor repeat.**

**Rajeev wad sir gives time to answer. but want to the point answer.**

**Thanks saheem Bhai and every one for sharing questions. Keep sharing questions 😊**

**31 JANUARY 2022**

**INTERNAL : MANJHI SIR**

**EXTERNAL: RAJEEV WAD SIR**

**SAFETY**

**LIFEBUOY**

**WASH BULKHEAD**

**HOW DECK PLATING IS SUPPORTED**

**FREE SURFACE EFFECT**

**MARPOL ANNEX 5**

**AMMENDMENTS**

**HYDRAULIC OPERATED QUICK CLOSING VALVES**

**ELECTRICAL**

**VFD**

**IGBT AND MOSFET**

**PYROMETER**

**TYPES OF SYNCHRONOUS MOTOR**

**WHERE SLIP RINGS ARE LOCATED IN SLIP RING IM**

**HOW IS DC MOTOR STARTED**

**PREFERENTIAL TRIP**

**HOW IS INSULATED EARTH INSULATED FROM EARTH**

**PASS IN BOTH 🌹❤️**

**THANK YOU SAHEEM BHAI,ER SHAURYA SHANKAR AND ALL THOSE WHO ASKED  
QUESTIONS AND GAVE ANSWERS**

**RAJEEV WAD SIR IS VERY HELPFUL AND GIVES YOU TIME TO THINK AND CORRECT.**

**mumbai**

**External: Rajiv wad sir**

**Internal: manjhi sir**

**Date: 31/01/2022**

**motor mep**

**Pneumatic level gauge working**

**Shell and tube heat exchanger how does expansion take place in shell and tube**

**Framo pump working(mine was product tanker)**

**Safety valve setting pressure**

**How many pressures in safety valve**

**What is safety valve blow down(blow down ring)**

**Stuffing box clearances**

**Parts of stuffing box**

**Fuel injector pressure testings**

**Surging reasons**

**Purifier vibration reasons**

**Sparks from funnel reason, how does tackle during maneuvering**