Mill 281

Question No 139

Question

In a newly installed centrifugal pump connected with motor with 3jaw coupler motor is vibrating what is the reason?

1. mis-alligment
2. too tight clearance in 3 jaw coupler
3. too loose clearance in 3 jaw coupler
4. wrong size of coupling

Show Explanation

05:33 05:39

Mill 281

Question No 138

Question

In a newly installed system pin and bush coupler is loose what is to be done to reduce the clearance?

1. tighten pin
2. change bush
3. make new hole in shaft
4. change shaft

05:32 05:39

Study Cards

Mill 281

Question No 137

End Done

Question

A gear pump is leaking what is to be done ?

1. tighten pin and shaft
2. change bush
3. make new hole in shaft
4. change shaft

Show Explanation

05:32 05:39

Mill 281

Question No 136

Question

What is the reason for too much air gap between headpully and conveyor belt guide roller ?

1. Heavy load on conveyor
2. Guide roller are too far from head pully
3. Guide roller is too close to head pully
4. Light load on conveyor

05:32 05:39

Mill 281

Question No 135

Question

A heavy load is lifted by crane for longtime then what is to be done for safety of worker and people ?

1. put chain link fence
2. put yellow caution tape
3. Put barricade/obstacle
4. put red caution tape

05:31 05:39

Mill 281

Question No 134

Question

What is the frequency of the gear drive running at 500 rpm having 15 teeth ?

1. 7500
2. 33
3. 515
4. 485

05:31 05:39

Mill 281

Question No 133

Question

how to remove chain attached with bucket ?

1. grinder
2. punch and hammer
3. pin remover
4. chisel

05:30 05:39

Mill 281

Question No 132

Question

what is the minimum capacity of the crane is needed to lift 9091 lb load

1. 9091 lb
2. 11000 lb
3. 3000 lb
4. 4000 lb

05:30 05:39

Study Cards

MGI 281

Question No 131

End Done

Question

What is to be done if a stuffing box is getting hot in newly installed pump ?

1. Check oil
2. change to higher NLGI number of grease
3. Increase the water drop rate
4. decrease the pump speed

Show Explanation

05:27 05:39

1:22 PM
03/08/2025

Study Cards

Mill 281

Question No 130

End Done

Question

What is to be used to prevent moisture build up in cranck case after decommissioning ?

1. Silica gel
2. Solvent
3. Air vent
4. Heater

Show Explanation

05:25 05:39

Study Cards

Mill 281

Question No 129

End

Close

Question

what is to be done if there is too much weight on one side of tail pully ?

1. Check and Adjust the Belt Alignment
2. Adjust the head Pulley
3. Replace tail pully
4. Reduce the tension on belt

Show Image

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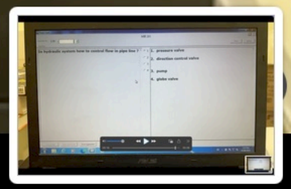
Show Explanation

05:22

05:39

1:22 PM

07/06/2025



Study Cards

Mill 281

Question No 128

End Done

Question

In hydraulic system how to control flow in pipe line ?

1. pressure valve
2. direction control valve
3. pump
4. globe valve

Show Image Start Audio/Video Show Explanation

05:19 05:39

1:22 PM 03/08/2025

ASUS

Study Cards

Mill 281

Question No 127

End

Close

Question

In Meter in flow circuits what kind of the valve is used ?

1. Ball valve
2. globe valve
3. unloading valve
4. check valve

Show Image

Start Audio/Video

Show Explanation

05:16

05:39

1:22 PM

02/08/2025

Mill 281

Question No 126

Question

How to calculate belt length ?

1. Center to Center distance between drive and driven pully multiply by 2 + Half the circumfrance of drive and driven pully

2. Center to Center distance between drive and driven pully multiply by 3 + the circumfrance of drive and driven pully

3. Center to Center distance between drive and driven pully + Half the circumfrance of drive and driven pully

4. Remove old belt and measure

05:14 05:39

Mill 281

Question No 125

Question

What is to be done first While carring out a decommisioining of a pump handling chemicals ?

1. dis-connect Pump
2. Throughly flush internal lines
3. Throughly flush external lines
4. Vent in atmosphere

Show Explanation

05:11 05:39

Mill 281

Question No 124

A shaft is undersized by machining and new shaft is not easily available Then how to repair it ?

1. use retainer adhesive
2. Machining
3. Use Shim stock on general bearing
4. Use Sleeve On General bearing

Show Explanation

05:08 05:39

Mill 281

Question No 123

Question

How to check an allignment in the pump and motor with dial indicator ?

1. Rotate pump and motor in same direction
2. Rotate pump and motor in opposite direction
3. Rotate pump in same direction
4. Rotate motor in same direction

Show Image | Start Audio/Video | Show Explanation | End | Done

05:05 05:39

Mill 281

Question No 122

What is the procedure to clean fan blades properly?

1. Lock out system check for damage clean and restart

2. Check for damage, lock out system, clean and restart

3. Lock out system ,clean, check for damage,and restart

4. Restart lock out system clean and check for damage

05:03 05:39

Study Cards

Mill 281

Question No 121

End Done

Question

One Hydraulic system has too many fittings and there is non laminar flow now then how to make it laminar ?

1
2
3
4

1. change fittings
2. put in one line
3. Throttled valve
4. Increase pressure

Show Image Start Audio/Video Show Explanation

05:00 05:39

1:32 PM
03/06/2025

Mill 281

Question No 120

Question

To install lobe blower what is the procedure ?

1. Base prepration and allign, Anchor,Grout in , Torque down
2. Torque down ,Grout in , Anchor,Base prepration and allign
3. Base prepration and allign,Grout in,Torque down
4. Torque down,Grout in,Base prepration and allign

Show Explanation

04:57 05:39

Mill 281

Question No 119

Question

In which of the following condition rigging equipment is discarded ?

1. Two wire broken in rope lay
2. chain wear 3%
3. Safety hook replaced
4. fiber rope in touch with alkaline liquid

Show Explanation

04:54 05:39

Study Cards

Mill 281

Question No 118

End

Close

Question

Shuttle valve is also known as what other name ?

1. Free check valve
2. Double check valve
3. counter balance valve
4. Pressure relif valve

Show Image

Show Explanation

04:51

05:39

Mill 281

Question No 117

Question

A U joint is installed with zero misalligment between two shaft then what will happen ?

1. Pin and bush wear
2. Needle in needle bearing will not rotate
3. Vibration
4. failure of U joint

Show Explanation

04:49 05:39

Mill 281

Question No 116

A driveside bearing is heating up in centrifugal pump connected with motor what is the reason ?

1. Less lubrication
2. Mis alligment
3. High speed
4. Low speed

04:46 05:39

Mill 281

Question No 115

Belt is twisting and rollover on sheave what is the reason ?

1. too tight tension
2. too light tension
3. Sheave glazed
4. belt worn

04:43 05:39

Study Cards

Mill 281

Question No 114

Question

lathe shear pin is broken during the start up what is to be done ?

1. Use lubrication
2. Replace Pin
3. find failure root cause
4. check mannual

Show Explanation

04:40 05:39

Study Cards

Mill 281

Question No 113

End | Done

Question

Where to find machine operating temprature details ?

1. Safety Data Sheet (SDS)
2. Training Mannual
3. Oem Mfg Mannaul
4. Name plate

Show Explanation

04:36 05:39

Mill 281

Question No 112

After blueing is done is bevel gear how to check tooth profile ?

1. Deep in oil and check
2. Check with Dial indicator
3. Check with feeler gauge
4. Complete one revolution and check tooth contact

Show Explanation

04:33 05:39

Mill 281

Question No 111

What is to be done to control the end float in spherical roller bearing in fan assembly ?

1. Extension shaft and fix ring
2. Extension shaft and thrust pad
3. Extension shaft and bushing
4. thin shim

04:30 05:39

Mill 281

Question No 110

Question

While fabricating the shaft and general bearing it is found smaller in size then what is the temporary solution ?

1. Install sleeve on shaft
2. use press fit method
3. use oversized housing
4. use shims

Show Explanation

04:26 05:39

Mill 281

Question No 109

Question

What is the procedure to install laser level ?

1. Place the level and tighten centre rod,Adjust adjusting screw,center the bubble,Flip 180 deg and take readingClean the matting surface

2. Clean the matting surface,place the level and tighten centre rod,Adjust adjusting screw,center the bubble,Flip 180 deg and take reading

3. Clean the matting surface,Adjust adjusting screw,center the bubble,Flip 180 deg and take reading,Place the level and tighten centre rod

4. Clean the matting surface,place the level and tighten centre rod,Adjust adjusting screw,center the bubble,Flip 360 deg and take reading

Show Explanation

04:23 05:39

Mill 281

Question No 108

What is the procedure to remove the motor in a process tank ?

1. LOTO,Clean the equipment and base,Remove electrical connection and remove bolt, install new motor and reassemble

2. Remove electrical connection and remove motor,Loto

3. LOTO,Remove electrical connection,Clean the equipment and base, and remove motor

4. Remove electrical connection,Clean the equipment and base, and remove motor,LOTO

04:21 05:39

Mill 281

Question No 107

Question

A shaft keyway is radilally enlarged what is reason ?

1. prime mover is giving more torque in statring
2. Missaligment of coupling
3. Reduced load on shaft
4. Key material is very hard

Show Explanation

04:17 05:39

Mill 281

Question No 106

What is the reason if errosion is found on Eye inlet of Impeller of Centrifugal pump ?

1. Cavitation
2. High Discharge volume
3. High Inlet volume
4. Wrong material

Show Explanation

04:15 05:39

Mill 281

Question No 105

A shaft keyway is enlarged what is to be done ?

1. Enlarge keyway and use step key
2. Refill and machine and use woodruff key
3. Remove burrs and keep in operation
4. Use bigger key

Show Explanation

04:12 05:39

Study Cards

Mill 281

Question No 104

End Close

Question

In hydraulic system after running high condensation is found What is to be done ?

1. clean the vent
2. drain condensation
3. remove the vent
4. change filter

Show Image | Start Audio/Video | Show Explanation

04:09 05:39

1:22 PM
02/08/2025

Study Cards

Mill 281

Question No 103

End Done

Question

After installing a hydralic system what is to be done first ?

1. Visual inspection
2. Check oil Temprature
3. Check oil level
4. Check mannual

Show Explanation

04:06 05:39

1:22 PM
07/06/2025

Study Cards

Mill 281

Question No 102

End

Done

Question

Which is not considered as common sense harassment?

1. constructive criticism
2. unwelcome remark
3. unwelcome joke
4. abusive behaviour

Show Explanation

04:02

05:39

Mill 281

Question No 101

Question:

What is the safety factor for sling ?

1. 3
2. 5
3. 15
4. 20

Show Explanation

03:59 05:39

Mill 281

Question No 100

Question

In A vaccume pump inlet vaccume guage is 6 inch HG ideal but measure 3 Inch of HG what is the reason ?

1. Inlet filter clogged
2. Discharge valve faulty
3. Inlet valve faulty
4. Discharge valve faulty

Show Explanation

03:56 05:39

Mill 281

Question No 99

Question

In RPM which one is the lowest RPM ?

1. 2 RPM
2. 3 RPM
3. 4 RPM
4. 5 RPM

Show Explanation

03:53 05:39

Mill 281

Question No 98

Question

What is used for vertical lift of the sling ?

1. Travel block
2. Snatch blcok
3. hook block
4. wire rope block

Show Explanation

03:50 05:39

Study Cards

Mill 281

Question No 97

End Close

Question

Which rope has more wear resistance out of following ?

1. 6X 19
2. 6 X 47
3. 6 X 37
4. 6 x 9

Show Explanation

03:47 05:39

1:22 PM

Mill 281

Question No 96

What size of the TPI of hacksaw blade is used to cut 1/32 inch steel plate

1. 24 TPI
2. 18 TPI
3. 32 TPI
4. 14 TPI

03:43 05:39

Mill 281

Question No 95

Question

What is initial step after installing hydraulic system ?

1. check lubrication
2. check alligment
3. check for leaks
4. check vibration

Show Explanation

03:40 05:39

Mill 281

Question No 94

Question

What is the procedure to install the new band saw blade installation?

1

2

3

4

1. cut the length,Grind Both end and make it square,Use resistance welder for heating and cooling the blade, Grind the bend

2. cut the length at 4s degree angle, Grind Both end and make it round, Use resistance welder tor heating and cooling the blade a grind

3. Use resistance welder for heating and cooling the blade, cut the length, Grind the bend

4. Grind both end and make it square, cut the Length, Use resistance welder for heating and cooling the blade, grind the bend

View Image | Start Audio/Video | Show Explanation

03:37 05:39

Study Cards

Mill 281

Question No 93

End Done

Question

when lifting a load a sling get rubbed to the frame structure what is to be done before reuse ?

1. discard
2. Inspect thoroughly for damage
3. check with load
4. use at 50% capacity

Show Image Start Audio/Video Show Explanation

03:34 05:39

1:22 PM 07/08/2025

Mill 281

Question No 92

Question

In four strike engine how to replace valve seal ?

1. Find TDC,Pressure chamber,collapse the valve springs,Remove retainers,Remove the old seal

2. Engine at TDC Rotate the crankshaft to TDC,Remove the cylinder head,Compress the valve springs,Remove retainers,Remove the old seal

3. Engine at BDC Remove the cylinder head,Rotate the crankshaft to TDC ,Compress the valve springs,Remove retainers,Remove the old seal

4. Start with BDC Remove the cylinder head,Rotate the crankshaft to TDC ,Compress the valve springs,Remove retainers,Remove the old seal

Show Image | Show Explanation

03:31 05:39

Study Cards

Mill 281

Question No 91

Question

What is to be done if material is building up on conveyor belt or Belt is runs off pully ?

1. Install scarpper on the return run just ahead of tail pully
2. Install scarpper on the main run just ahead of head pully
3. Install scarpper on the return run just ahead of haed pully
4. Install scarpper on the main run just ahead of Idler pully

Show Explanation

03:28 05:39

Mill 281

Question No: 90

Question

What kind of things can not tolerate vibrations?

1. Rigid
2. Flexible
3. Semi Felxible
4. self align

Show Explanation

03:25 05:39

Mill 281

Question No 89

Question

What is the procedure to lift the load by crane ?

1. Inspect crane,Calulate dimension of load,Inspect rigging equipments,check clearnce for travel

2. check clearnce for travel,Inspect crane,Calulate dimension of load,Inspect rigging equipments

3. Inspect crane,check clearnce for travel,Inspect rigging equipments
Calulate dimension of load,Inspect rigging equipments

4. Calulate dimension of load,Inspect rigging equipments,Inspect crane,check clearnce for travel,Inspect rigging equipments

Show Explanation

03:23 05:39

Mill 281

Question No 88

Question

What will happens if vaccume is formed in the Air filter ?

1. Filter will condensing
2. Filter Will collapse
3. Filter Will Drain
4. Filter will work normal

Show Image | Start Audio/Video | Show Explanation

03:20 05:39

Mill 281

Question No 87

Question

If sling is wear with flat material while lifing then what you will do in post inspection ?

1. Check sling wear
2. Discard sling
3. Mark for less capacity use
4. Keep it at safe place for futre use

Show Explanation

03:17 05:39

Mill 281

Question No 86

Question

How you can check level for laser alligmnet tool ?

1. It can rotate 180 Deg
2. It can rotate 360 Deg
3. They can be level from two diffrent point
4. They can be level from two diffrenet place

Show Explanation

03:14 05:39

Study Cards

Mill 281

Question No 85

Question

What you will check in routine maintanance of steam turbine ?

1. Governor
2. Bearing
3. Blade
4. Lubication

Show Explanation

03:11 05:39

Mill 281

Question No: 84

Question

Which one is the most mellable metal ?

1. Nickle
2. Copper
3. Steel
4. Cast Iron

Show Explanation

03:08 05:39

Mill 281

Question No 83

Question

What is to be used in maintanance of Metal grid coupling ?

1. NDT
2. Grease
3. Sensor
4. Disk

Show Explanation

03:05 05:39

Mill 281

Question No 82

Question

What is the frequency of unbalance ?

1. 1 X Rpm
2. 2 X Rpm
3. 3 X Rpm
4. 4 X Rpm

Show Explanation

03:02 05:39

Study Cards

Mill 281

Question No 81

Question

What is the sequenace to disassemble an electric motor ?

1. Remove End Cap,Remove Fan,Remove shaft,Remove rotor

2. Remove Fan,Remove shaft,Remove rotor,Remove End Cap

3. Remove shaft,Remove rotor,Remove End Cap,Remove Fan

4. Remove End Cap.Remove rotor,Remove shaft,Remove Fan

Show Explanation

02:58 05:39

Mill 281

Question No 80

What is the procedure to change the front bearing of motor ?

1. Support the shaft,Remove the Armature,Change bearing,change seal
2. Support the shaft,Remove the cover,Change bearing,change seal
3. Remove the cover,Remove the Armature,Change bearing,change seal
4. Remove the cover,Support the shaft,Change bearing,change seal

Show Explanation

02:55 05:39

Mill 281

Question No 79

What kind of arrangement will able to lift 11000 lb load with 5500 lb sling capacity

1. single choker
2. double basket
3. single basket
4. double choker

Show Explanation

02:50 05:39

Mill 281

Question No 78

What is the weight of 3 X3 X3 feet steel block with 6 inch dia hole in middle of block if 1 cu-feet steel weight 480 lb

1. 12677 lb
2. 11882 lb
3. 25354 lb
4. 6339 lb

02:46 05:39

Study Cards

Mill 281

Question No 77

Question

While doing an inspection of chain drive one side of the sprocket is found heated then what is need to be done ?

1. re-allign sprocket
2. replace sprocket
3. repair sprocket
4. repalce chain

Show Explanation

02:42 05:39

Mill 281

Question No 76

Question

what is to be needed while using a portable magnatic drill press ?

1. magnatic lock
2. mganatic hook
3. safety strap
4. safety lock

Show Explanation

02:38 05:39

Study Cards

M 281

Question No 75

Question

what is to be needed to change the direction of lift in rigging while lifting the load

1. tackle block
2. hook block
3. chain block
4. snacth block

Show Image | Start Audio/Video | Show Explanation

02:34 05:39

Mill 281

Question No 74

End Close

What will the size of shim on the front feet of the motor in fig 10?

1. 0.3 inch
2. 0.4 inch
3. 0.5 inch
4. 0.6 inch

Show Explanation

02:30 05:39

Study Cards

Mill 281

Question No 73

Question

Which valve is requierd in the reservoir of the hydrolic system for safety reason ?

1. Non compensating valve
2. Unloading valve
3. check valve
4. pressure relif valve

Show Image | Start Audio/Video | Show Explanation

02:28 05:39

Mill 281

Question No 72

Question

A reciprocating air compressor has been rebuilt what should be done after the initial run in?

1. retighten connections re-torque the main bearings
2. retighten connections re-torque cylinder heads
3. retighten connections and re-torque connecting rods
4. retighten connections and re torque cam shaft bearings

Show Explanation

02:25 05:39

Study Cards

Mill 281

Question No 71

Question

What is the cause if ouptput of the hydrallic system accumlator is low ?

1. bladder rupture
2. low capacity of reservoir
3. too much load
4. too much flow

Show Image | Start Audio/Video | Show Explanation

02:22 05:39

Mill 281

Question No. 70

What is the first step is to be taken while performing a laser alignment?

1. Rough alignment
2. Coupling together
3. Soft align
4. Angular alignment

02:20 05:39

Mill 281

Question No 69

End Close

What is to be done if there is a moisture air in the new hydraulic system?

1. Check the temperature of fluid
2. Check the capacity of reservoir
3. Check and replace breather
4. Check strainer

Show Explanation

02:17 05:39

Mill 281

Question No: 68

Question

Which one of the following is the schedule and routine maintenance program?

1. Preventive
2. Proactive
3. Predictive
4. Breakdown

End

Close

Show Explanation

02:14

05:39

Mill 281

Question No 67

Question

Which kind of pneumatic air distribution system is prefered ?

1. Grid
2. De central
3. Loop
4. universal

02:12 05:39

Mill 281

Question No 66

Question

What will be the tightening sequence of the bolt for gasket of the valve

1

2

3

4

1. Criss-cross manner with 1/3 turn on neighbouring bolt

2. Criss-cross manner with light tight first and finally tight evenly

3. Criss-cross manner with fully tight evenly

4. One by one clockwise

End

Close

Show Explanation

02:09

05:39

Study Cards

Mill 281

Question No 65

Question

What is the Dia of cylinder needed to move 2500lb load at 150 psi ?

1. 6.6 Inch
2. 4.60 inch
3. 5.0 inch
4. 5.6 inch

Show Explanation

02:07 05:39

Study Cards

Mill 281

Question No 64

Question

What is the Load can be lifted by 7/8 inch wire rope dia in 6X 19 wire rope?

1. 6.125 Ton or 12250 Lb
2. 7 ton or14000 lb
3. 4.5 ton or 9000 lb
4. 5.0 ton or 10000 lb

Show Explanation

02:04 05:39

Mill 281

Question No 63

Question

what will be the tool Rpm if cutting speed is 100 ft/min and tool dia is 2.75 (2-3/4) inch and Drill bit Dia 3/8 inch?

1. 300 RPM
2. 400 RPM
3. 145 RPM
4. 100 RPM

Show Explanation

02:02 05:39

Mill 281

Question No 62

Question

What is the Sequence of FRL unit ?

1. Filter , Regulator , Lubricator
2. Lubricator, Regulator , Filter
3. Filter, Lubricator , Regulator
4. Regulator, Filter , Lubricator

Show Explanation

01:59 05:39

Mill 281

Question No 61

Question

Oil Analysis is falls under which maintenance system ?

1. Brakedown
2. Preventive
3. Predictive
4. Reactive

Show Explanation

01:57 05:39

Study Cards

Mill 281

Question No 60

Question

What is the procedure to remove old lagging ?

1. Remove Old Lagging, clean , use adhesive , put new lagging

2. put new lagging on the top of old lagging using adhesive

3. use adhesive , put new lagging,Remove Old Lagging

4. Remove Old Lagging,put new lagging,use adhesive

End

Show Explanation

01:54

05:39

Mill 281

Question No 59

Question

How to measure Bore dia of the bearing ?

1. Use Dial indicator
2. Use Vernier Caliper
3. Use Steel Scale
4. Use depth gauge

Show Explanation

01:51 05:39

Mill 281

Question No 58

Question

At which location is to check the oil in the hydralic system ?

1. At Starting point
2. At Mid point
3. At End point
4. At Any point

Show Explanation

01:49 05:39

Study Cards

Mill 281

Question No 57

End

Done

Question

What size of the TPI of hacksaw blade is used to cut 1/16 inch steel plate

1. 32 TPI
2. 24 TPI
3. 18 TPI
4. 16 TPI

Show Image

Start Audio/Video

Show Explanation

01:47

05:39

Mill 281

Question No 56

Question

what is to be done to clean oil spill on floor of plant ?

1. Secure Area, Inform Supervisior,Use PPE and Clean it

2. Inform Supervisior,Use PPE and Clean it,Secure Area

3. Secure Area,Use PPE and Clean it,Inform Supervisior

4. Inform Supervisior,Use PPE and Clean it,Secure Area

Show Explanation

01:43 05:39

Mill 281

Question No 55

Question

What is the first step to check the vibration of the machine ?

1. Visual and touch inspection
2. use vibration meter
3. mount probe on machine
4. use laser balance

Show Explanation

01:41 05:39

Mill 281

Question No 54

Question

If Skirtboard is worn out then what is to be done for temporary running ?

1. Increase the Gap
2. Use old belt and zero gap
3. use softer then belt material and zero gap
4. use softer then belt material and two inch gap

Show Explanation

01:38 05:39

Mill 281

Question No 53

Question

While starting the hydralic pump it is cavitating then what is the reason ?

1. pump speed is slow
2. output flow is low
3. tank is overfilled
4. strainer is plugged

Show Explanation

01:36 05:39

Mill 281

Question No 52

Question

what is the procedure for replacement of the oil seprator unit in screw compressor

1. lock out and tag out compressor, open drain valve,remove oil seprator and replace it
2. open drain valve,remove oil seprator and replace it
3. lock out and tag out compressor,close drain valve,remove oil seprator and replace it
4. close drain valve,remove oil seprator and replace it

Show Explanation

01:33 05:39

Study Cards

Mill 281

Question No 51

Question

What metod is used to remove one link from detachable chain drive ?

1. slack the chain
2. grind and weld
3. fold link
4. use chain braker or removal tool

Show Explanation

01:31 05:39

Mill 281

Question No 50

Question

What is the reason of cavitation in centrifugal pump ?

1. Ambient temp is high
2. wrong type of fluid
3. Leak in inlet pipe
4. Impeller dia is small

Show Explanation

01:28 05:39

Study Cards

Mill 281

Question No 49

End Done

Question

Which method is good for installation of 3 inch dia bearing on shaft ?

1. Induction Heater
2. Oil bath
3. Tourch flame
4. Hammering

Show Explanation

01:26 05:39

Study Cards

Mill 281

Question No 48

Question

Total indicator reading is taken on pump Rim 12 o'clock to 6 o'clock of .016, how much shim is required

1. remove 0.008 shim from motor
2. remove 0.008 shim from pump
3. Add 0.016 shim in pump
4. Add 0.016 shim in motor

Show Explanation

01:23 05:39

Study Cards

Mill 281

Question No 47

End Close

Question

How to keep bearing safe after purchase ?

1 1. open bearing and place near machine

2

3 2. remove original packing and keep at secured area

4 3. Keep in original packing and keep at dry place

4. remove cover and mark the size

Show Explanation

01:20 05:39

1:22 PM

Mill 281

Question No 46

While lifting the heavy load with crane what is the safe procedure ?

1. Mark area with red tape circle, allow only lifting crew inside and eveyone else is out of circle and inform everyone that heavy load is lift

2. Mark yellow tape circle and inform everyone that heavy load is lift

3. and inform everyone that heavy load is lift,Mark red tape circle, allow only lifting crew inside

4. allow only lifting crew inside,inform everyone that heavy load is lift,Mark area with red tape circle

Show Explanation

01:17 05:39

Mill 281

Question No 45

Question

what is the crane signal shown in the figure 9 ?

1. Boom down
2. Boom up
3. Boom up slowly
4. Boom down slowly

Show Explanation

01:14 05:39

Study Cards

Mill 281

Question No 44

End

Done

Question

What is to be used to lift 24000lb load with two 12000 lb sling ?

1. Basket hitch
2. Double basket
3. Single choker
4. Double choker

Show Explanation

01:12

05:39

Study Cards

Question No 43

Question

Mill 281

End

Close

In crane chart fig 8 if boom length is 70 feet , oprating radius is 20 feet and boom angle 76.8 deg then what is the crawler extended capaciy ?

1. 372000 ton
2. 263400 ton
3. 400000 ton
4. 340,000 ton

Show Image

Show Explanation

01:09

05:39

Study Cards

Mill 281

Question No 42

End

Close

Question

What is the sequance of the Oxyactylene torch assembly ?

1. Regulator,flashback arrestor, hose , torch
2. torch,Regulator,flashback arrestor, hose
3. flashback arrestor, hose,torch,Regulator
4. hose,torch,Regulator,flashback arrestor

Show Explanation

01:07 05:39

Study Cards

Mill 281

Question No 41

End Done

Question

What is to be done if keyway is damaged or enlarged ?

1. weld,machine it and use step key
2. weld,machine it and use wood ruff key
3. weld,machine it and use tapper key
4. weld,machine it and use square key

Show Image Text Audio/Video Show Explanation

01:04 05:39

Study Cards

Mill 281

Question No 40

End Done

Question

If conveyor A is 10 feet long and Coveyor B installed at 90 deg is 20 Feet long and what is the length of conveyor C to joint them ?

1. 30 feet
2. 22.36 feet
3. 25 feet
4. 28 feet

Show Explanation

01:01 05:39

Mill 281

Question No 39

Question

Which kind of lubricant is need to be used in Hypoid Gear ?

1. Standared Grease
2. Extream pressure Grease
3. Detergent grease
4. Non Detergent grease

00:59 05:39

Mill 281

Question No 38

Question

What is the right procedure for maintannace ?

1. Talk with oprator,Check logbook, check mannual for specification and computer search

2. Check mannual , enter in logbook and computer system,Inform operation

3. enter in logbook and computer system,Check mannual,Inform operation

4. Inform operation,enter in logbook and computer system,Check mannual

00:56 05:39

Study Cards

Mill 281

Question No 37

Question

How is single axis robot is identify ?

1. Single plane
2. Sinle Arm
3. Vertical plane
4. Single Axle

Show Explanation

00:54 05:39

Study Cards

Mill 281

Question No 36

Question

End

Which rope is more flexible out of following ?

1. 2X 19
2. 6 X 47
3. 6 X 36
4. 8 X 10

Show Explanation

00:51 05:39

Mill 281

Question No 35

Question

What is the Reason if Air compressor is running continously ?

1. Reservoir is too large
2. Compressor is too small
3. Pressure relif valve set too high
4. globe valve set low

Show Explanation

00:49 05:39

Study Cards

Mill 281

Question No 34

Question

What is to be done first if V Belt is worn out on one side again and again ?

1. loose the tension on belt
2. Tighten the Belt
3. repalce Worn out sheave
4. check for Misaligned pully

Show Image | Start Audio/Video | Show Explanation

00:46 05:39

Study Cards

Mill 281

Question No 33

Question

Which of the following quality is not prefered in Mentor ?

1. Positive Attitude
2. Enthusiastic
3. Descriptive
4. Reactive

Show Explanation

00:44 05:39

Mill 281

Question No 32

Question

What Kind of method is used to check noise in bearing ?

1. Sensetory inspection
2. Grauwler
3. Dye Penetration
4. Thermal Inspection

Show Explanation

00:41 05:39

Mill 281

Question No 31

Question

If Serious accident is happened on workplace then to whom to be informed ?

1. Human Resource
2. Personal Physian
3. Juridicial Authority
4. First Aid Attendend

Show Explanation

00:38 05:39

Mill 281

Question No 30

What is need to be used in the rigging if rope is need to be changed very frequently ?

1. Eye bolt
2. Safety sackle
3. wedge socket
4. wire rope clips

Show Explanation

00:36 05:39

Mill 281

Question No 29

How man bolt is needed if bolt is needed to fit in circular part at every 18 Deg drilled hole ?

1. 18
2. 20
3. 10
4. 30

00:33 05:39

Study Cards

Question No: 28

Question

Mill 281

Exit

Done

What is the minimum lift angle in Shouldered type eye bolt

1. 30
2. 60
3. 45
4. 90

Show Explanation

00:30

05:39

Mill 281

Question No 27

Question

Which kind of air distribution system is best for constant air for an instrument ?

1. Decentral
2. Grid
3. Loop
4. cascade

Show Explanation

00:27 05:39

Study Cards

Mill 281

Question No 26

Question

What is to be used for good quality of intrument air in pneumatic system ?

1. FRL Unit (Dryer)
2. moisture drain
3. PVC pipe in air distribution system
4. slope of line toward drain

Show Explanation

00:25 05:39

Mill 281

Question No 25

Question

What is the reason Air compressor is running continously ?

1. Pressure limit switch is set high
2. Wrong Pressure relif valve setting
3. Reservoir is too large
4. Compressor motor Hp is high

00:22 05:39

Mill 281

Question No 24

Question

If a Gearbox is overfilled with lubrication what will happen ?

1. Oil seal will leak
2. system running cool
3. system will run hot
4. More vibrations

00:20 05:39

Mill 281

Question No 23

Question

which one of the following bolt in fig 7 is showing Grade 2 bolt ?

1
2
3
4

1. A
2. B
3. C
4. D

00:17 05:39

Mill 281

Question No 22

Question

what will be the tool Rpm if cutting speed is 100 ft/min and tool dia is 3/8 inch ?

1. 1300 RPM
2. 1400 RPM
3. 1067 RPM
4. 1000 RPM

00:14 05:39

Mill 281

Question No 21

Question

what will happen to velocity in hydralic system is pressure is increased ?

1. velocity increase
2. velocity remains same
3. velocity decrease
4. velocity will be double

00:11 05:39

Mill 281

Question No 20

What is the unit of Velocity ?

1. Inch / Sec
2. 1/1000 of inch
3. cycle / sec
4. 1/1000 of mm

Show Explanation

00:09 05:39

Mill 281

Question No 19

In smaw type welding where to you ground the clamp ?

1. Near to welding machine
2. Far end
3. Near to work piece to be welded
4. on metal frame

00:09 05:39

Study Cards

Mill 281

Question No 18

End Done

Question

What will be the diameter of the circle in the isomatric drawing given in figure 6 ?

1. 2-1/8
2. 5-1/8
3. 4-3/4
4. 3-7/8

Show Explanation Hide Answer

00:08 05:39

Mill 281

Question No 17

In which figure 5 you need a minimum effort to lift the load ?

1
2
3
4

1. A
2. B
3. C
4. D

Show Explanation

00:08 05:39

Mill 281

Question No 16

What is the wire rope diameter needed to lift 12000 lb with tugger ?

1. 1 inch
2. 1/2 inch
3. 3/8 inch
4. 5/8 inch

Show Explanation

00:08 05:39

Mill 281

Question No 15

To prevent premature failure which technique is best ?

1. preventive maintanance
2. predictive maintanance
3. FMEA
4. root cause analysis

Show Explanation

00:07 05:39

Mill 281

Question No 14

A conveyor belt is with head pully and tail pully and material is build up in Tail pully what is the reason ?

1. belt loose in tension
2. Belt is too tight
3. Skirt board
4. Mis aligned scarper

00:07 05:39

Mill 281

Question No 13

What is the reason if two sprocket in chain drive wear on one side ?

1. Misalligment in sprocket
2. Loose chain
3. Wrong bearing
4. wrong chain

00:06 05:39

Mill 281

Question No 12

If two shaft are joined by U joint has too much vibration what is to be done ?

1. coupling misalligmnet
2. check for excessive looseness and replace u-joint
3. check offset mis alligment
4. check angular mis alligment

00:06 05:39

Mill 281

Question No. 11

A Vacuum pump sole plate - 914.4 mm (36 in) and Precision level - 304.8 mm (12 in) Precision level placed lengthways on the sole plate Reading = 0.508 mm (0.020 in) low to one end
When leveling a vacuum pump sole plate, how much shim stock is installed under the low end of the sole plate to bring it to level?

1. 0.06 Inch
2. 0.02 Inch
3. 0.04 Inch
4. 0.05 Inch

00:06 05:39

Mill 281

Question No 10

Question

What is the reason if laser level is not reading properly ?

1. LED
2. 20 Mtr distance between emitter and receiver
3. transmitter is mounted at 45 deg angle
4. loose transmitter

00:06 05:39

Mill 281

Question No 9

Question

What is to be done if two wires in the sling is found damaged ?

1. lock out, tagout , put in waste disposal and infrom supervisior

2. lock out, tagout , put in waste disposal and infrom co-worker

3. Put in waste, infrom supervisior,remove from system

4. lock out, tagout , enter in system data , and infrom co-worker

00:05 05:39

Mill 281

Question No 8

What is the reason for too much end float in the bearing in figure 4 ?

1. Too many shims at A
2. Too many shims at B
3. Too many shims at C
4. Too many shims at D

00:05 05:39

Mill 281

Question No 7

Question

What is to be done to increase the backlash in gears shown in fig 3

1. Reomve shim from 1 and place at 3
2. Reomve shim from 2 and place at 1
3. Reomve shim from 2 and place at 3
4. Reomve shim from 3 and place at 2

00:04 05:39

Mill 281

Question No 6

Question

What is the reading of Bevel protector given in figure 2 ?

1. 11 deg 35 Min
2. 10 Deg 35 Min
3. 12 Deg 45 Min
4. 10 deg 45 Min

00:04 05:39

Mill 281

Question No 5

Question

What will be the force needed for to move cylinder running 40 PSI and having 4 inch dia and what will the PSI needed if more 500 lb load is to be added

1. F = 502 lb , 80 Psi
2. F = 205 lb , 40 Psi
3. F= 1004 lb , 40 psi
4. F= 700 lb , 50 psi

00:04 05:39

Mill 281

Question No 4

Question

What is the safety factor in rigging while lifting a person ?

1. 10 %
2. 20 %
3. 5 %
4. 25 %

00:03 05:39

Show Explanation

Mill 281

Question No 3

Question

In a Figure 1 if cylinder wroking good in extention but not working properly in retraction what is the problem ?

1. A
2. B
3. C
4. D

Show Explanation

Hide Answer

00:03 05:39

MII 281

Question No: 2

what is the minimum distance that extention ladder shall be extnded above roof line ?

1. 2 feet
2. 3 feet
3. 1 feet
4. 0.6 feet

00:03 05:39

Mill 281

Question No: 1

What is the safety glass standard in the Canada ?

1. ASME
2. IEEE
3. CSA
4. ESA

00:00 05:39