## Appendix-5

## Periodic Inspection Procedure for Boiler and Turbine

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### Appendix-5 Periodic Inspection Procedure for Boiler and Turbine

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- Periodic Boiler Inspection Procedure
  - (1) Boiler
  - (2) Feed Water Pump
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  - (4) Draft System
  - (5) Air Preheater
  - (6) Firing Equipment
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(8) Steam Pipe, Feedwater Pipe and Steam Receiver

(9) Air Source

(10) Other Piping and Valves

(11) Chemicals Feeder

#### Periodic Inspection Procedure for Steam Turbine

- (1) Turbine Proper
- (2) Major Valves

(3) Governor

(4) Oil Hydraulic System

(5) Condenser

(6) Heat Exchanger attached to the Steam Turbine

(7) Auxiliary Pump

1. Periodic boiler inspection procedure

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Boile
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Equipment namo a. Boiler drum	Extract of diseasembly 1. Remove a required number of steam	Inspection item 1. During disassembling	Work procedure 1. Disassembling	L. Operation lier
	separators in the inspection, and conduct visual inspection inside the drum and liquid penetrating test of the	<ul> <li>(1) Deposits and adverted substances</li> <li>a) Positions (distribution)</li> <li>b) Color (construction)</li> </ul>	(1) Open the mun hole. Replace the pactings.	(1) Rocord 1 position necesser
	weld line inside the drum. 2. If the nozzle sub internal surface weld	a) Conor (accurate appearance) a) Thickness or volumo d) Commosion (sampling. chemical	(2) MARE ROLE Mount the dust proof wire matury (about 120 mechan) or sheet to orevest dust from entering	information (C)
	zone is not provided with smoothing, remove a required number of steam sectors in the innerties and	analysis) (2) Corrosion and erosion	(3) Measure oxygen concontration (to protect against oxygen shortage)	chronolo chronolo water an
	conduct visual inspection and liquid personating test of the needle sub		(4) Use of safety work light face on earlot tour universe alarmer light	(3) Record
	internal surface weld zone.	<ol> <li>Unsultation condition of internals and other name</li> </ol>	Use a guarded any vuese secure again (5) Protecting the tube openings	develop
	If the ends of the uncensis insulation weld zone are not machined to have	<ul> <li>Inspect bolts and peckings.</li> </ul>	Mount the molded ion place or spreading sheets below the drum.	THOMALIN
	curvatures, conduct visual inspection, and liquid penetring test of that	b) Inspect insultation of the feed water internal tube penetrations.	(6) Disascending the planned internals	l duis od
	section.	2. After cleaning and adjustment		(4) Liouid p
	If the nozzle stub internal surface weld zero is new/ed with serverthing	(1) Crecks, corrosion and crosion.	(1) When entering the interior, use clean working uniform and footwear. Take care not to drop things	a) Remov
	mount the steam separator and	a) weld lines and weld zones	into the tube and tube.	conduc
	perform the test. The weld zone must be subjected zoliouid occerning test	b) Man holes c) Water level gauge, pressure gauge	(2) Take only a minimum number of required tools with von when your enter inside. Do not done or leave.	b) Conduc liquid J
	if it can be inspected at all.	d) Nozzle stub and feed water internal	them in the tube.	hours o
		tubo penetrations	(3) Clean inside using a nylon brush and rags.	microst
		e) Tube axpanisions A assume the desire hole		c) After o
		a) Annual the water level for normal		
-		operation	(6) Use a vacuum cleaner for finish cleaning of the inverse abuiltaby	(5) To check
		(2) Checking the tube for closure or		tooth and
		alogging a) Comminication Inbes for water	(7) After cleaning the inside, normally keep the cover	(0) II como
		lovel gauge and pressure gauge	closed.	endo en Podra Podra
		b) Drain and blow rube	(d) Internals	inspecie
		c) Chemicals supply tube	renoved. Count the number of these bolts and	1
-	•	<ul> <li>a) Food water internal tube</li> <li>(3) Sealing of internals cost surface</li> </ul>	muts.	C) Check u immulatio
	· · · ·		o) Adjust the smoot surface and them the two store of the internals to remove clogging.	2. Secular chans
		· · ·	c) To prevent them from being nury, dry the internals	(1) Pitting
		(4) Damage on man hole sheet surfaces	immediately after they are removed. If necessary.	water lu
			clean them will a nyion onush, whim which or compressed air. After drying, cover them with	E C
	· · · · · · · · · · · · · · · · · · ·		sheet and keep them in storage.	
		(1) Make a final confirmation to see if there is any detect in connections.	d) Finish the man hole sbeet surface with a scraper and sand paper as required.	
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				caused

ation for the security change, or next periodic inspection. composition of deposits and adhered substances to chemical a as required, and arrange the results of catalysis in logical order to provide information for theatment of feed lobuler water.

the details of depents and adhered substances, as well as the

ema and cautions

Remarks

n and dimensions of corrosion and crossion if any. If ary, take a phonograph of them to provide a guideline accord the positions and dimensions of the cracks and corrosions, and check them against the previous records to confirm their evelopment, thereby providing information to determine the scope of the next dismembly and inspection or to take some other teasures. For example, the position of the dum weld zone unperied of having cracks as a result of liquid penetrating teatmus estimated to magnetic particle test. Take appropriate actions as equived.

Liquid penetrating test or precision test implementation procedure a) Remove the internate on a planned basis in the inspection, and

conduct liquid penetrating test of the weld zone. ) Conduct a magnetic field test if any fullure has been detocted in liquid penetrating test, operation has been performed for 100,000 hours or more or some other needs have attient. For the joints of different metals, it is preferred to make a precision test such as

microstructure test. c) After completion of liquid penetrating test, wips off the liquid immediately. ) To check inegularities over an extensive range on the internal surface of the drum, apply light in the longindinal direction from both ands of the drum, and continn changes in shape.

If corrosion, erosion and other progressive defects have been found in dimensional inspection, record, prepare a specific inspection sheet whenever required, and determine a fixed point, record the inspection result and observe the secular change on the continuous basis.

Oncir the ourse surface of the heat insulated perions at the of heat insulation repair.

. Secular change and reference items

 Pitring or grooving is likely to occur at the positions close to dam water line, bottorn or weld zone due to poor water quality.
 Checks may occur to the weld zone in the dam due to low-cycle fatigue caused by thermal stress. Creats are likely to occur to the norzh s sub inner surface conters of the downcorrer and food water tube, the weld zones of the inner and create arefaces. Constitutional issue and chematican fairet's attracted

r surfaces Congrutinal joint and circumferential joint, support as and internals installation weld zones due to low-cycle fatigue od by thermal stress.

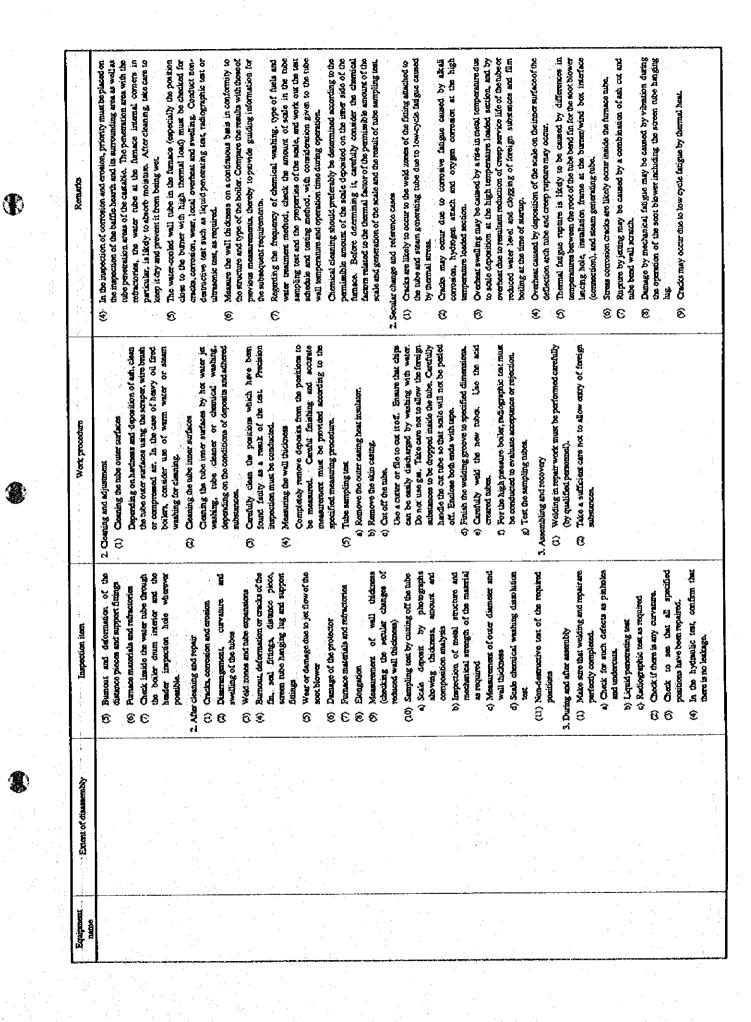
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	_	(1) Make sure that welding is complete	(1) Check to see that there is no foreign substance.	(1) Cacks are likely to occur to the headers of the numato, supertunger
	-	and there are no defects as pinholes	() Review the neckings in instruction holes and the	and reheater due to low-cycle fairgue caused by thermal stress and
		and undercuts.		high temperature creep.
				Checks are litedy to neutro the weld zone of the nozzle sub of the
		CIGA IS TO LOW SC	(3) For the but welding, conduct welding groove	
			inspection. Welding must be performed carefully	
			(by qualified personnel).	(3) Crucks are likely to occur to the wold zones of the support stimuga of
				the furnace, supercharger and reheater due to low-cycle faligue
				caused by thermal stress and tube reaction.
				(4). Cracks are likely to occur the lower header on the side of the
				of the inner surface and outlet nozzle study wold zone due to heat
				cyclo fatiguo.
<b>.</b>				(5) Cracks are likely to occur to the inner surface of the lower header of
<b>.</b>		-		
				deposition of sludge and dissolved oxygen.
				(6) The inne surfaces of the furnace, supercharger and reheater headers
<u>.</u>				during storage.
				(7) The outer surfaces of neizle suchs of the furnace, supercharger and
			• •	
				subjected to low temperature corresion by corresive thermal gas.
				(%) It is recommended to diagree the remains service life of the
			· · · · · · · · · · · · · · · · · · ·	operation time or 2500 cumulative starts.
			• • •	
				outpound processors that we are the sure of the
				the standard and significantly much found on the barder and found the
4				magnetic periodic tear.
c. Tubo	. In the immettion. Duild a scaffold up	1. Disessembline	1. Disesembling	1. Operation items and cautions
8	to the necessary level, and conduct the	(1) Density and affrend utteracte on	() Testall the scaffold with sufficient consideration	(1) It is melerred to acted; the test positions of the tube and to conduct a
tube fo	following test.			
C	(1) Visually check the tube.	adur.	Industrial Safety and Health Law.	thermal load and other conditions.
, a	(2) Select the representative position	<ul> <li>Position (distribution)</li> </ul>	(2) When building (or discontribing) the scaffold, take	(2) Tube sampling test and intervals of the test
► 		b) Color (external appearance)		
	substance attached to the tube.	c) Thickness or volume	(3) Put on the selecy hat, protective goggies, safety	thermal load and has been found to be atmomtal in the appearance
 	and perform liquid penetrating	d) Composition (sempling, chemical		and wall thickness test, and conduct a tube sampling test. Check the
<b></b>		stratysis)	(4) Ensure effective ventiation, and measure oxygen	thickness of the depeats and substances, properties,
U 	(3) Measure the wall thickness	(2) The effect of the soot blower and	concentration to protect against oxygen shortage as	CERCREAL ALL MORALLY SUBJECT MARCHY PROVING CAR AN evaluation of chemical cleaning, water treatment and tube undering.
				It is recommended to sample and inspect the test nice every two years
		(3) Lestage from the weld zone cracks.		and to check the internal conditions.
<u> </u>	•			However, it is preferred to make inspection very year until the nead
		(4) Disarrangement and swelling of tubes		of soile deposition is known after commencement of commercial
				Abstantion
				instruction using qualitatively and quantitatively objective methods
				such as photographing, drawing and stalysis, thereby providing a
				guiding information for repair, modification, and the next periodic
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<ul> <li>(b) Superheauer, 1. At the time of impection, perform the 1. During diagenerabiling trabbaare and concomizer tubes.</li> <li>(c) Superheauer, 1. At the time of impection, perform the 1. During diagenerabiling trabbaare and concomizer tubes.</li> <li>(c) Doresta and addiamenter and concomizer tubes.</li> <li>(c) Concertanter and concomizer tubes.</li> <li>(c) Solicit the representative points of the serfaces transform (anerbition)</li> <li>(c) Solicit the representative points of the outform (anerbition)</li> <li>(c) Solicit the representative points of the outform (anerbition)</li> <li>(c) Solicit the representative points of the outform (anerbition)</li> <li>(c) Solicit the representative points of the outform (anerbiting and repair of the valid diaforments teat.</li> <li>(c) Solicit the representative points of the firthing teat.</li> <li>(c) Check Checks, control of and repair of the protocol point and arrophile in the set of the valid diaforment teat.</li> <li>(c) Check Checks, control of and arrow (and arrons the set of the protocol point and arrophile in the set of the valid diaforment teat.</li> <li>(c) Check Checks, control of and the out of the protocol of the protocol point and arrophile in the set of the valid diaform are and arrophile in the set of the valid diaform are and arrophile in the set of the valid diaform are and arrophile in the set of the valid diaform are and arrow of the valid diaform are and arrow of the set of the valid diaform are and arrow of the tube and arrow of the tube and arrow of the set of the valid diaform are and arrow of the tube arrow arrow of the tube arrow of</li></ul>	ed substances on and outside the on) neurance) neurance) neurance) neurance) neurance veid zone, and derosion for variation for variation for variation for variation for variation for variation for variation for variation for variation support fatings, support fatings,	ing or inspection is required, scope of the building the a the degree of necessity. with sufficient consideration ortaubility since the work is to assistence. Inset, protective goggles, dust informed tools, and inspection under effective inspection under effective inspection under effective same depending on scraper, wire bruch es and depending the scraper, wire bruch es using the scraper, wire bruch	
<ol> <li>Ar the time of inspection, perform the lollowing.</li> <li>Visually inspect the superstructure points.</li> <li>Visually inspect the superstructure points of superturer. rebatter and committee the well thicknesses and the well thicknesses and the well thicknesses and the inscorel beact welding rule inscorel beact welding rule inscored beact welding rule.</li> <li>Science the representative points of the well attribute and commute the inscored beact beact using the inscored beact beact welding rule.</li> </ol>	ed substances on and outside the m) kerrance) he kerrance) to blower weld zone, and d erosion for variation for va	aning or importion is required, e scope of the building the on the degree of necessity. with sufficient consideration workability since the work is to positions. emage the outer surface of the danot, protective gogglas, dust lifeline. Inspection under effective importion under effective and other required tools, and using the soot blower, and using the soot blower, and using the sort blower, and meaning is required.	e to high temperature in the heavy oil fl provide chemical analysis of deposits be outer sufficience as required, and to contri- t as measurement of the wall thickness. La measurement of the wall thickness correction or allowance for expension. Unce from being disarranged, carefully 6 is supercharger, check the U-bend carefull proces must be checked on a priority be und details of cracks, corrosion and apha), and arrange the records it provide reference information for the b actual in the amount and properties of eited on the turbine black, study the b effective of the sized study the b effective of the sized study the b effective spray water quality, and out of chemical cleaning, and work remote cases
Soloci the representative points of superheater, rebeater and conconizer tubes and measures the will thicknesses Select the representative points into usarg the informed based welding red, and conduct liquid penetrating test. Select the representative points of the weld zones of the fitting of the weld zones of the fitting figuid penetrating test.	on) Remance) Remance) Re entropy of blower wold zone, and d erosion for variatium for variatium for variatium curvature and cortubes and cortubes support fittings support fittings	<ul> <li>(2) Irstall the scatfold with sufficient consideration given to safety and workability since the work is to be done at elevated positions.</li> <li>(3) The care not to damage the outer surface of the pube.</li> <li>(4) Put on the addry helmer, presentive goggles, dust preventive mask and lifeline.</li> <li>(5) Propare the hammer and other required tools, and perform precise inspection under effective illumination.</li> <li>2. Cleaning the ube outer surfaces.</li> <li>(4) Cleaning the ube outer surfaces.</li> <li>(5) Checking the seam temperature before stop and the frequency of using is required.</li> <li>(6) Checking the seam temperature before stop and the the under outer surfaces using the south the south stop and the ender outer surfaces using the screet.</li> </ul>	ment of the wall thurdows. en through the refoctories of en through the refoctories of motion of the side base. In ar, check the U-band carefully ch er, check the U-band carefully ch er, the checked on a priority ba- of cracks, corrosion, and of cracks, corrosion, and arrange the records in errors information for the truthine black, study the by ray water quality, and ray water quality, and nical clearing, and work
the will thicknesses Select the representative points of the different material joints not uaing the income beact welding rot, and conduct liquid performance for and conduct liquid performance of the fraing attached to the tube, and conduct liquid penetrating test.	n pling, chemical weld zone, and weld zone, and d erosion for variatium for variatium for variatium for variatium for variatium some zones support fatings s blow-boles and	<ul> <li>(3) The care not to damage the outer surface of the tube.</li> <li>(4) Put on the adery holmer, preterive gogglas, dust preventive mask and lifeline.</li> <li>(5) Prepare the hammer and other required tools, and preform precise impection under effective illumination.</li> <li>2. Cleaning and adjustment.</li> <li>3. Cheaning the outer surfaces.</li> <li>(1) Cleaning the outer surfaces.</li> <li>(2) Cleaning the outer surfaces.</li> <li>(3) Depending on harthess and deposition of sall, clean the unbe outer surfaces using the screenter.</li> </ul>	ing disarranged, carefully ch motion of the slide base. In ev, check the U-band careful to corrosion due to strues such the checked on a priority ha is constion and arrange the records it arrange the records it arrange the records it erence information for the arrange the records it turbine blade, study the bb ity water quality, and not water quality, and niceal cheming, and work
of the different material joints not using the incorel based weithing rot, and conduct liquid pernetraing test. Select: the representative points 2. of the weld zones of the fining arached to the tube, and conduct biquid penetrating test.	ok blower weld zond, and d erosion for variatium for variatium curvaure and containe zones zones auptor fittings, s blow-boles and	<ul> <li>(4) Put on the addy helmet, preterive gogglas, dust preventive mask and lifeline.</li> <li>(5) Propue the hammer and other required tools, and perform precise inspection under effective illumination.</li> <li>2. Counting and adjustment.</li> <li>3. Cheming the tube outer surfaces.</li> <li>(1) Cleaning the tube outer surfaces.</li> <li>(2) Cheming the tube outer surfaces.</li> <li>(3) Cheming the tube outer surfaces.</li> <li>(4) Cheming the tube outer surfaces.</li> <li>(5) Cheming the tube outer surfaces.</li> <li>(6) Cheming the tube outer surfaces.</li> <li>(7) Cheming the tube outer surfaces.</li> <li>(8) Cheming the tube outer surfaces using the sort blows, and dustmine hew the cleaning in required.</li> <li>(9) Depending on harthees and dependion of sah, clean the tube outer surfaces using the screper, writchruch</li> </ul>	to corrosion due to stress suc the checked on a priority he of cracks, corrosion and arrange the records in errore information for the remote information for the namount and properties of a amount and properties of rary water quality, and ray water quality, and niceal cheming, and work
pemetrating test. Select: the representative points 2. of the weld zones of the fitting attached to the tube, and conduct biquid pemetrating test.	d erosion sion and crosion for variatium curvaure and contrubes zooes zooes support fittings support fittings	<ul> <li>(c) frogen un mainten an viru symmetry of the process importion under affective illumination.</li> <li>(c) Cleaning the tube cuter surfaces.</li> <li>(c) Cleaning the tube cuter surfaces.</li> <li>(c) Cleaning the tube tube seam temperature before stop and due frequency of using the soort blower, and duerning how far cleaning is required.</li> <li>(c) Depending on harthees and dependion of ash, clean the tube outer surfaces using the screper, wirebruch</li> </ul>	of cracics, corrosion and arrange the records in renoes information for the samount and properties of a amount and properties of a turbine black, suby the bu- ray water quality, and niceal cheming, and work
of the weld zonce of the fitting attached to the tube, and comduct bijuld pemetrating teat.	sion and arbaion for variation curvaure and c of tubes zones zones support fittings s biow-boles and	<ul> <li>Clearing and adjustment</li> <li>Clearing the tube outer surfaces</li> <li>Clearing the sum temperature before stop and the frequency of using the soot blower, and determine how far clearing is required.</li> <li>Depending on harthess and dependion of sah, clean the tube outer surfaces using the screper, wirebruch</li> </ul>	rence information for the samount and properties of numbers black, saudy the bu- ray water quality, and nical cheming, and work nical cheming, and work
······································	espectatly tor variation of the bank of tubes and from weld zones and deformation of the fin, piece and support fittings.	<ol> <li>Cheating the table outer surfaces.</li> <li>Checking the seam temperature before stop and the frequency of using the soot blower, and determine how for clearing is required.</li> <li>b) Depending on harchess using the screper, wirebrush the table outer surfaces using the screper, wirebrush</li> </ol>	e amount and properties of turbine black, study the by ray water quality, and nical cleaning, and work nical cleaning, and work
<ul> <li>(3) Disartangen fro swotling of swotling of (3) Laskage fro disersoo pia transmont and disersoo pia disersoo pia transmont of (5) Burnout of (6) Water or due to the stat hand of thand</li></ul>	generic curvature and of the bank of tubes from weld zones and deformation of the fin, piece and support fittings, a defocts as blow-boles and		turrans ouch, survy us of ray water quality, and nical cleaning, and work
<ul> <li>(3) Leakage the diservor pix diservor di diservor diservor diservor di diservor diservor</li></ul>	from weld zones and deformation of the fin, piece and support fittings, a defects as biow-boles and		appropriate measures. 2. Socular detaronition and reference cases.
<ul> <li>(4) Burnout and disputor pix disputor disputor</li></ul>	and deformation of the fm. piece and support fittings.	the tube outer surfaces using the scraper, wire brush	2. Secular detenoration and reference cases
<ul> <li>Control of anoth of another of anothe</li></ul>		and the second se	
<ul> <li>(5) Burnout of values of the values</li></ul>	The second and a second	c) In the case of heavy oil first boilers, consider use of	(1) Austenite based stainless steel used for the superheater and reheater is likely to be connoted by the carbide segregated onto the gam.
<ul> <li>(0) Wear or date the and a contract of the state and a contract of the state and a contract of the contract of the contract of the contract of the state of the plate.</li> <li>(1) Measurement of the contract of th</li></ul>	Burnout of the fin and seal fittings	Sampa the mission portions of the refrectory	boundary during the long-tune use. Accordingly, shoomal intrusion of Na, Cl and Post sain, if condenned in the element, may
<ul> <li>(7) Damage of 1</li> <li>(8) Such. defe elongeboost elongeboost ilifting book</li> <li>(9) Burnout of (10) Burnout of plate.</li> <li>(11) Measureme outer claims</li> </ul>	Wear or dumage due to jet Llow of the ash and soot blower	(3) check the demaged position for the Callet, and	
<ul> <li>(3) Such defe clangehoist</li> <li>(3) Burnout of</li> <li>(10) Burnout of</li> <li>(11) Measureme</li> <li>(11) Measureme</li> </ul>			(2) When steam temperature is yet degrees Co or more and use use we will temperature is 620 degrees Co or more, scale is likely to occur on
Hitting hook (9) Burnout of (10) Burnout of (10) Burnout of (11) Measurement (11) Measurement of channe	Such defects as corrosion and elementions of celling penetrations and	(4) The portion exposed to high temperature for design	the inner surface of the stainless steel tube due to steam oxidization. It may peel and depeats at the time of start and stop, resulting in
(7) Burnout of (10) Burnout of plate. (10) Measurement (11) Measurement of theme		and the tube having discolored surfaces must be checked carefully for denosition of SUS scale.	
(11) Measureme (11) Measureme outer diame	(9) Burnout of refractorios	overheat and degree of wall thickness.	(3) When much V, Na and S are contained in the class of high temperature tube and anached mend, contexts composite laits
(11) Measureme Admin Admin		(SUS scale inspection procedure) *) Measure the thickness of the scale denosition, at the	having a comparatively low meking point may be generated by the combination <i>set</i> , and the wall thickness may be reduced by so-called
	(11) Measurement of wall thickness and outer diameter (checking the secular	lowest position of the bend by radiographic test	high temperature corrosion. To prevent this, oxiomal wear and loss
	changes of reduced wall thickness)	b) When the scale has deposited to 50 percent or more of the time diameter, remove the scale by free	must be checked. (4) Reduction in wall thickness and rupping by letting may be caused by
(12) Sampling u	(12) Sampling test by cutting off the ube	blowing outside the steam system or by cuting of	
Xon any (n	scale uppear unspection (maximum amount analysis)	the tube.	
b) Inspection	b) impection of meal structure and	(2) Assessment of wall unsuccess Completely remove the deposits and adhered	() BROKEN DOLES THAY OCCUR GUE TO WEIGHTE UNCOURS SALERS UP VOLVER UNE of the build up weld 2000.
Internation and a second s	membran surrigue os uno marcesa as required	subrances from the position to be measured, and	(6) Low-cyclo fatigue cracts are littly to occur to the surface on the
<ul> <li>c) Measurements</li> <li>wait thickness</li> </ul>	c) Measurement of outer diameter and wall thickness	to the specified method. The measure the wall	succitude that we are a section and weld zone due to liquid
		Ductoes scorrichy.	phase corrosion and stress concentration due to themal stress.

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Remarks	<ol> <li>Cracks are likely to occur to the final outlet tube T piece of the superhume croop due to tube reaction and thermal reaction.</li> <li>Material deterioration may be caused by low cycle fadgue and high temperature croop due to tube reaction and thermal reaction.</li> <li>Material deterioration may be caused by along earn use, so pick out the sample and confirm the strength deterioration.</li> <li>Wear, aresion. corrostion and causic may occur due to lekings of drain from the soor blower.</li> <li>Wear, aresion. corrostion and causic may occur due to lekings of drain from the soor blower.</li> <li>Wear, aresion. corrostion and causic may occur due to lekings of drain from the soor blower.</li> <li>Unov cycle faigue cracks are likely to occur to the fining attached to welding rod which does not use the weld zone of the dissimilar material join.</li> <li>Low cycle faigue cracks are likely to occur to the fining attached to the tube due to thermal stress.</li> <li>I is recommended to diagone the remaining stretce life of the supertubentar and reheater after 100,000 bours of cumulative starts.</li> </ol>	<ol> <li>Operation items and cautions.</li> <li>Take particular care in checking inclination of the seat surface and coccarticity of each part.</li> <li>It is preferred to chock the valve casing and apring by magnetic particle tax and liquid pomenning test as required.</li> <li>Conduct operation test when the adfety valve has boundiasaembild. Use the hydraulic jack for operation test.</li> <li>Conduct operation and reference cases         <ul> <li>Operation failure of the safety valve may be caused by defects of the induce on the exhaust side, in addition to infilmation and wear of the set surface, doing part and adjust fing, and the damage of the set surface due to thermal impact, as well as by the damage of the sight surface due to thermal impact, as well as by the set whe set due to thermal impact, as well as by the set due to thermal impact, as well as by the set of bow out.</li> <li>When operation fulture is caused by the secular deterioration.upplece or repair parts, or replace the valve.</li> </ul> </li> </ol>
Work procedure	<ul> <li>(6) Tube sampling test [Same as the rast for water tube and stearn generating tube unbeating and recovery]</li> <li>3. Assembling and recovery [Same as the perform, welding work in [Same as the performed by qualified personnel.</li> <li>(2) Carefully repair each perform, and dry the refractories and insulating materials.</li> </ul>	<ol> <li>Disessembling</li> <li>Disessembling</li> <li>Check each par after disessembling.</li> <li>Check each par after disessembling par mathing marks to the when disestming, and adjustment.</li> <li>Record the set dimensions.</li> <li>Cheaning and adjustment</li> <li>Use the rags and decogent to when the valve casing, and use compressed air to clean it.</li> <li>Check the valve body and scatt for allowance after fitting.</li> <li>Check the valve body and scatt for allowance after fitting.</li> <li>Check the valve body and scatt for allowance after fitting.</li> <li>Check the valve body and scatt for allowance after fitting.</li> <li>Check the valve body and scatt for allowance after fitting.</li> <li>Check the valve body and scatt for allowance after fitting.</li> <li>Assembling and recovery</li> <li>Assembling and recovery</li> <li>Apply grass and the disk, and howen the lower panel reat and blow-out presson adjust screw.</li> <li>Take extreme care not to damage the set artheo.</li> </ol>
Inspection item	<ol> <li>During and after assembly</li> <li>During and after assembly</li> <li>Make sure that welding and repair arc perfectly completed.</li> <li>a) Check for such defocts as prinbles and undercuts.</li> <li>b) Check the weld zone of the slide specer.</li> <li>c) Conduct liquid performant grant of the specer.</li> <li>c) Conduct liquid performant grant of the specer.</li> <li>(d) Make sure that all positions are there is no leakage.</li> </ol>	<ol> <li>Inspection item during disassembling damage of the valve body and valve damage of the valve body and valve searing and valve installation nube sear (3) Checks on weld zones of the valve acting and valve installation nube sear (3) Checks on weld zones of the valve acting and valve indianation nube sear (3) Checks of the valve indianation acting and valve indianation acting and edust ing (4) Scientre, wear and clearrance of the side portion and edust ing (5) Defects of the valve body and valve and bolt</li> <li>Impection, item after cleaning and distances</li> <li>Indiasion of foreign substances damage of the valve cuerty and cracks of the weld zone</li> <li>Curvature of the valve cuerty and cracks of the weld zone</li> <li>Curvature of the valve cuerty and cracks the top end, wear and clearrance</li> <li>Curvature of the valve cuerty and cracks of the weld zone</li> <li>Whar and domage of the silencer the top end, wear and clearrance</li> <li>Defect of the spring adjust from and bolt</li> <li>Corrosion and damage of the silencer (1) Malas sure that the irraction is free of foreign substances</li> <li>Check the lift for clearrance</li> <li>Check the lift for clearrance</li> </ol>
Extent of disasterbly		In the inspection, disassemble and inspect the valve and conduct the operation test after assembling.
Equipment		4. Safoty Stanto Stanto Stanto Antonia Presente and antop bypass)

Equipment	Extent of discontroly	Inspection item	Work procedure	Remarks
		(3) To start the boiler, perform operation test of the blow-out pressure, closing pressure and blow down pressure of eacht valve, and makes sure that accurate operation is obtained at the specified pressure.		
c. Main valve (with the valve body and valve and sectorely demaged)	Disasemble and check the valves for inspection.	1.8	<ol> <li>Disassembling</li> <li>Disastembling</li> <li>Disastemble the valve and check each part. Put the matching merk as required.</li> <li>Take care not to damage the valve body, valve scat and bolt.</li> </ol>	<ol> <li>Coperation items and cautions.</li> <li>Check the valves of all systems for catenal appearance before shutdown, and confirm their functions. Check for leakage and other defects, and dotermine the valves which must be disassembled and impected.</li> <li>Disassemble and inspect the main steam check valves and major</li> </ol>
	· · ·	<ul> <li>(4) Lubrication of the shaft and gear of the dave mochanism, and contamination of gear box</li> <li>(5) Deterioration of tubricating oil</li> <li>(6) Inspection of de-superhauter a) Cracks, concestor, aronion and damage of the north and mixing chamber and Adverse of the world</li> </ul>	<ol> <li>Cleaning and adjustment</li> <li>Use the rags and dorgent to wipe the valve casing, and use compressed air and vacuum cleaner to clean if.</li> <li>The valve body and valve seat must be fitted and editered as required. Adjust the contact and cleak the function.</li> <li>The function.</li> </ol>	ି କୁନ୍ଦି । ଜନ୍ମ
		<ul> <li>2000</li> <li>b) Damage of the line and support plate</li> <li>c) Checks. ourosion and even on the cine and outer surfaces of the clement condensus replacement type</li> </ul>	· 💆	ନିକି ବି ଦ
		<ol> <li>After Defects cleaning and adjustment</li> <li>inside the tube and weld zone</li> <li>Crecks of valve casing and damage by orosion</li> <li>Damage and contact of valve body and valve seat</li> <li>Crecks, curvature, wear and correction of valve rod</li> <li>Contact of guide</li> </ol>	<ol> <li>Currently's assembles it, taking care not to allow foreign substance to orner.</li> <li>Check the retainer lock around the valve.</li> <li>Tighten the high temperature bolt to give specified alongation.</li> <li>Replace the gland packings with new ones.</li> <li>Check the power and pretunnically driven parts for assembling and functions.</li> <li>Conduct the on-off test.</li> </ol>	<ul> <li>(3) Check the main value of the major tube system onco in two to three years or when accompanying equipment are to be inspected.</li> <li>(4) Other valves mourned on the main body, which have black of before periodic inspection of each, pert, must be disastembled and inspected or not in inspection of each, pert, must be disastembled and inspected one in four to eight years. Before disastembling and inspecting, if is necessary to determine if spare periodic or not, and if spafication of welding inspection is required to provided or not, and if spafication of welding inspection is required</li> </ul>
		<ul> <li>(a) Loss of the parking, seel ring and flange surfaces</li> <li>(7) Defects of bolt and nut</li> <li>(8) Contact and wear of shaft, goar and baring of the drive mechanism</li> <li>(3) Defects of the connections with</li> </ul>		<ol> <li>To check for crucks, use liquid pranetrating uset for the inner side, and magnetic field test for the outer side. Use multiographic test as required.</li> <li>Inspect the outer side of the valve, whenever required or when repairing the heat insulations.</li> <li>Socular deterion and reference cases</li> </ol>
		Determined of the interlease of the completion 3. During seembling and after completion (1) Confirm substances or things left behind. (2) Check the assembly sume for any detect		<ul> <li>(1) The valve body and valve scat are often subjected to leakage by ercesion. Cracks have been caused by thermal impact of the depositod meal.</li> <li>(2) Low cycle faigue cracks may occur to the valve casing, valve body and valve seat.</li> </ul>

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and the second sec		(3) Durage of the value rod due to stress concentration, and vbaulon, cracks due to inegular walls thicknesses, cracks on the value chaing surface, wear and damage of the value rod, and damage of the value body have occurred.	<ol> <li>Operation items and cautions</li> <li>Check the corner and tube presentations on a priority basis.</li> <li>Takes special care to check for burnout of fin weld zones such as the burner tile norzles, and deposition of eliniter.</li> <li>Check for furnace wall opering seal ar and norzhe clogging and corresion.</li> </ol>
Work merending			<ol> <li>Disassentibility.</li> <li>Open the furnace manhole and impection sight.</li> <li>Open the furnace manhole and impection sight.</li> <li>Build scaffolds to ensure improved selecy and worrdability since the work is to be dene at cleve and positions.</li> <li>This care to ensure effective ventilation, and woer required protective goods.</li> <li>This care to hommer and other required tools, and perform precise inspection under effective illumination.</li> <li>Clearing and adjustment (Flumace interform build degenerated positions (C) Use the test harmer to check for bosences.</li> <li>Use the test harmer to check for bosences.</li> </ol>
	- E.	<ul> <li>(3) Check on-off operations (muchuing manual operation smoothness.</li> <li>(4) On-off test of the power driven valve Check to confirm the operations of Deckt to confirm the operations of the limit switch and torque switch. Measurement (record) at on-off operation</li> <li>(5) On-off test of pneumatically operated valve Record the operation pressure and valve lift.</li> <li>(6) Leakage an other defects in hydraulic test</li> </ul>	<ol> <li>During disassembling</li> <li>During disassembling</li> <li>Deposits and adhered substances on the climker (distribution and amount)</li> <li>Burnout and missing of turnace wall refractories and insulating materials</li> <li>Gau leakage and ober defects</li> <li>After clearing and adjustment</li> <li>Gau leakage, burnout and scaling of the casing</li> <li>Cau leakage, burnout and scaling of the casing</li> <li>Scaling of the pencerutions of rubes and tubes through turnace walls</li> <li>Deformation, cracks and discoloration of with cuting</li> </ol>
	Alouperster 10 Treat		1. Impocion. Impocion.
Equiproent	ousu		<ul> <li>E. Phranaco</li> <li>Concopy: for prosenue</li> <li>part?)</li> <li>(a) Paranaco</li> <li>participation</li> <li>prostato</li> <li>prostato</li> <li>prostato</li> <li>prostato</li> <li>prostato</li> <li>prostato</li> </ul>

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<ul> <li>a. Fleed water</li> <li>a. Fleed water</li> <li>b. During body</li> <li>b. During body</li> <li>b. During teasure. Bow</li> <li>b. During booster</li> <li>b. During booster</li> <li>b. During booster</li> <li>c. J. After d. C. During booster</li> <li>c. During booster</li> <li>c. During booster</li> <li>c. During booster</li> <li>c. During booster</li> <li>d. D</li></ul>			
9 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<ol> <li>During disassembling</li> <li>Deposits and adhered substances</li> <li>Positions (distribution)</li> </ol>	<ol> <li>During disassembling</li> <li>Measure the context ring and shaft movements.</li> <li>Use where bursh or rag, vacuum cleaner and honing</li> <li>normove domesits and adhered subtraces.</li> </ol>	<ol> <li>Operation items and cautions         <ol> <li>Disassemble and inspect them on a planned basis according to the</li></ol></li></ol>
2 4 0 4 3 5 0 4 4 4 8 2 0 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	<ul> <li>b) Color (external appearance)</li> <li>c) Thickness or volume</li> <li>d) Composition</li> <li>d) Composition</li> </ul>	<ol> <li>Use emery cloft and scraper to finish the machined surface.</li> <li>Wash the fit pers and journals with detergent, and</li> </ol>	inspection on parrol. (2) When not diseasembing them, be sure to conduct tests which allow pump detects to be checked by measuring pressure, flow rate and bearing temperature.
8 5 5 5 8 5 3 8 5 5 5 5 5 5 5 5 5 5 5 5	Foreign substances, seizure and damage of the rotary parts	fmish them with our stone.	(3) Dissessmble and import two or more of them in the initial periodic inspection, and open and inspect them at intervals of four years thereafter.
1970449808 8989 8989 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Corrosion and cracks of each part that minutim		(4) It is preferred to conduct liquid periodizing test of the gear tooth face.
504408202 9908 237 2 2 2 2 2 2 2 2 2 2 2 3 2 3 2 3 2 3	Looseness at fit sections of the		(5) Low cycle fatigue cracks by thermal stress may occur to the casing inner face and runner.
ŭ & ŭ & ŭ & ŭ & ĝ & ŝ £ 5 6 © © © © © © © © © © © © © © © © © © ©	impellor Clearance of each part		(6) Corrotion and wear are likely to occur to the casing inner face and
48 & 0 ≱ ¥ 2 5 3	Defects of bolt and nut Bearing clearance	· · · · · ·	To use the purpty susception of susception of the second of each part (7) When the purpty is assembled, measure the clearance of each part and accord the amount
3 4 0 ≱ ¥ 4 0 2 2 2 4 2 2 2 4 2 4 2 4 0 2 4 4 0 2 4 2 4 0 2 4 2 4 0 2 4 2 4 0 2 5 0 2 4 2 5 0 2 5 0 0 2 5 0 0 2 5	Demage of white metal due to	· · · · · · · · · · · · · · · · · · ·	
	contest Journal damage		
	(10) Cland defect		
8 8	3. During assembling and after completion		
	(1) Measure the clearance of each part in assembling, and record the value.		
	In the case of the flexible coupling check the center time and the nubber	• • • • • • • • • • • • • • • • • • •	
	(or bolts.		
58 6	In the case of the gear coupling, confirm the conter ring, and check		
	the goar for wear	· · ·	
	Use the wre brush to treat the threaded parts of the bolts.		
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1. Control constrainty momentariativity momentari momentari momentariativity momentariativity momentariativi	rature	Extent of disassembly	laspection item	work procedure	
content of a potential of the pote		1. Conduct the tests which allow the	1. After disassembling Draft fan	1. Coming and adjustment	1. Operation items and califons
<ul> <li>monotine at a pression at the formation in the pression at the formation in the pression of the pression at the formation at the pression of the pressind of the pressind of the pression of the pres</li></ul>		defect of the draft (an tobe checked by			
<ul> <li>monomone and program information of balance and and provide and provi</li></ul>	and in	measuring are nessent and hearing			
Constrained in the important in the impo	Carl Stat	temperate during inspection A	(1) Deposits and adhered substances		measuring wind pressure and bearing temperature, or the inspection
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deficiency in a constraint of the chiran mechanism is now mark in the constraint of marks of the chiran mechanism care, plus and home is and home of marks of the chiran mechanism care, plus and home is and home of the chiran mechanism means in the mechanism mechanism mechanism mechanism mechanism mechan	draft (ten)		West of dampers and varies,	vanedamper and casing of the induced disfi fan by	
4)     The important of characterization	(a) Draft fan		defect of the drive mechanism	water flushing.	
Mathematical and a strain of a construction of a strain of a	;			[Bearing]	
Mathematical and the number of a training and the noise of a training and training and the noise of a training and			Constitute and damage	(1) Use determine to work the number bearing, sealed	
Material     Image by foreign where constrained in the image of the im		-	cessing, plate and boss lines	part and old sump, and use oil shore, compressed air	
Martine     (2) Center Firet       (3) Durage by foreign unbernotes and sectors     (3) Center Firet       (4) Durage firet     (3) Subtraction of hibritating of mappedient     (4) Durage of the statistic sectors       (5) Durage firet     (3) Durage of the statistic sectors     (4) Durage of the statistic sectors       (5) Durage firet     (1) Durage of the statistic sectors     (1) Uvan the pump interce with detergent, and channic with compressed uit       (4) Durage of the statistic sectors     (1) Durage of the statistic sectors     (1) Uvan the pump interce with detergent, and channic with compressed uit       (4) Doug of the statistic sectors     (2) Constrained of statistic and dynament     (3) Durage of the statistic sectors     (3) Durage of the statistic sectors       (5) Doug of the statistic sectors     (3) Durage of the statistic sectors     (3) Durage of the statistic sectors     (3) Durage of the statistic sectors     (3) Durage of the statistic sectors       (5) Doug of the statistic sectors     (3) Durage of the statistic sectors     (3) Durage of the statistic sectors     (3) Durage of the statistic sectors     (3) Durage of the statistic sectors       (5) Durage of the verse of the verse of the verse of channer     (3) Durage of the verse of the verse of the verse for verse that whet     (3) Durage of the verse of the verse for verse that whet				and rags to clean them.	
(1)       Damage by foreign absendences and services       (2)       Chemens of each pert services         (2)       Shift carrentes       (3)       Chemens of each pert services       (4)         (2)       Shift carrentes       (3)       Shift carrentes       (4)         (3)       Shift carrentes       (4)       (4)       (4)         (4)       Determines of each pert importion.       (5)       Chemenses of each pert (4)       (5)         (4)       Determines of each pert importion.       (5)       Chemenses of each pert (5)       (5)       Chemenses         (5)       Shift carrentes       (5)       Chemenses of each pert (5)       (5)       (4)       (4)         (6)       Chemenses of each pert (7)       (1)			[Bearing]		
Mathematical and important and ware			(1) Dumage by foreign substances and		
41     1.3. Starting connect and water       (a) Starting connect and water       (b) Starting connect and water       (c) Demonstrating on the import it in the 1. After diamenting on the system and systemet at a special and systemet at a special at a spec			seizure		-
All characteristics     (a) Suff currentian       1. Dimenentible and import it in the importion.     1. After disaccentians of tablecture oil more characteristics     1. Characteristics       1. Dimenentible and import it in the importion.     (b) Description of tablecture oil more characteristics     1. Characteristics     1. Characteristics       2. Description of tablecture oil more characteristics     (c) Description of tablecture more characteristics     1. Characteristics     (c) Wath the pump interfare with description with compressed uit.       1. Afte biargeotics, open the manole and lapped the importion, open the manole and lapped the importion, open the manole and lapped the indeform.     1. Characteristics     (c) Cooler delets       2. Description of table oil point, stription of tablecture (c) Description of the vace delets     1. Characteristics     1. Characteristics       3. Description of tablecture and lapped the indeform.     (c) Description of the vace densities     (c) Description densities     (c) Description densities       6. Deformation densities     (c) Description densities     (c) Description densities     (c) Description densities       7. Description     (c) Description densities     (c) Description densities     (c) Description densities       8. Mutholic Lappe of the vace densities     (c) Description densities     (c) Description densities       9. Out of Tabaue of the vace densities     (c) Description densities <th></th> <th></th> <th></th> <th>:</th> <th>-</th>				:	-
4)     Benting contact and water importion.     (a)     Determine and import it in the importion.     (b)       1.     Determine and import it in the importion.     (c)     Determine and import it in the importion.     (c)       2     Determine and import it in the importion.     (c)     Determine and import it is the import in the import in th					
4)     Bearing contact and ware importion.     (a)     Destruction of habby and inside of operation of habby and inside of operation of habby and and inside of operation.     (b)     Commit and degree of and an operation.       44     1hree dissembling importion.     (b)     Destruction of habby and an operation of habby and an operation of habby and an operation operation of habby and an operation of habby and an operation operation.     (c)     Destruction of habby and an operation operation.     (c)     Destruction.     (c)     (c)     Destruction.     (c)     Destruction.     (c)     Destruction.     (c)     Destruction.     (c)     Destruction.     (c)     (c)     Destruction.     (c)					-
1. Disasemble act import it in the memories     1. After disasembling (1). Description of shige inside of present, and clogging of the stration present, and clogging of the stration present, and clogging of the stration present, and clogging of the stration (2). Use he import with compressed at: (3). Cooler defect: (4). Cooler defect: (5). Cooler defect: (5). Cooler defect: (6). Cooler defect: (7). Demonstration (7). Demonstration (7). Wash the pump pretor or with decognut, and clogging (7). Dependent at all and all atternant. (7). Demonstration (7).			Bearing contact and		· · ·
1. Dissemble act import it in the importion.     1. After dissembling     1. Cleaning act dijutment i with compressed air.       (1) Descinction of lubricating oil importion.     (2) Descinction of lubricating oil system. and cleaging oil system. and clear oil in the inside and distanted.     1. Clearing and dijutment.       (2) Correles open clear and anages of the system oil inside (3) Vear and correles (4) Vear and correles (5) Extra and clearge of the veas of clear system (5) Extra and clearge of the veas of clear system (6) Extra and clearge of the veas of clear system (7) Extra and clearge of the veas of clear system (8) Muchole clearging but (9) Cutoff sale of the veas of clear system (9) Extra and clearge of the veas of clear system (9) Extra and clearge of the veas of clearge of the v	<b>-</b> . ·				
Imponentation     (1)     Deterioration of subge inside the compressed at:       (2)     Dependent in and charge inside the present in and charge of the service (3)     (3)     Deterior in and charge of the service (4)     (1)       (4)     (4)     (4)     (4)     (4)     (4)       (5)     Deterior in and charge of the service (4)     (5)     Deterior in and charge of the service (5)     (1)       (5)     Deterior in and charge of the service (5)     (2)     Deterior in and charge of the service (5)     (1)       (6)     Cooler defect     (2)     Deterior and damage of the building     (1)       (5)     Dependent attentione (5)     (2)     Deterior and damage of the value (5)     (2)       (6)     Dependent attentione (5)     (2)     Dependent attentione (5)     (1)       (7)     Debende of the value (6)     (2)     Defende of the value (7)     (2)       (7)     Debende of the value (7)     (2)     Defende of the value (7)     (2)       (5)     Debende of the value (7)     (2)     Defende of the value (7)     (2)       (6)     Defende of the value (7)     (2)     Defende of the value (7)     (2)       (6)     Defende of the value (7)     (2)     Defende of the value (7)     (2)       (7)     Defende of the value (7)     (2)     Defende o		Ĩ	1. After disastembling	1. Cleaning and adjustment	
1.)     Degeneration of a block inside the system, and clogging of the struture     (1)       2.)     Defect in each part of the oil pump     (2)       3.)     Defect in each part of the oil pump     (3)       4.)     Cooler defect     (4)       (5)     Cooler defect     (1)       (6)     Cooler defect     (1)       (7)     Deposition and damage of the struture     (1)       (8)     Coonerseand attracted and antherations     (1)       (9)     Coonerseand attracted and antherations     (1)       (1)     Deposition and damage of the value     (1)       (2)     Contrast and damage of the value     (1)       (3)     Vere randomonianide the other     (1)       (4)     Contrast and damage of the value     (1)       (5)     Deformation and damage of the value     (1)       (7)     Damage of the value     (1)       (8)     Matholic clamping but     (1)       (9)     Deformation and damage of the value     (1)       (7)     Damage of the value     (1)       (8)     Matholic clamping but     (1)       (9)     Deformation and damage of the value     (1)       (9)     Deformation and damage of the value     (1)       (9)     Matholic clamping     (1)		1		(1) Wesh the sume interior with domains and chain it	
(3)     Defension of subde instrinct premuments     (3)     Defension and clogging of the stratister (3)     (4)     (5)     Defension and clogging of the stratister (4)     (4)     (5)     Defension and clogging of the stratister (4)     (5)     Defension and clogging of the stratister (5)     (4)     (5)     Defension and clogging of the stratister (5)     (5)     Defension and clogging of clogging of clogging of the stratister (5)     (5)     Defension and clogging of clogging of clogging of the stratister (5)     (5)     Defension and clogging of the stratister (5)     (5)     (5)     (5)       (5)     Leakinge of the stratister (5)     (5)     Defension and clogging of the stratister (5)     (5)     Defension and clogging of the stratister (5)     (5)     Defension and clogging of the stratister (5)     (5)     (5)     (5)     (5)     (5)       (6)     Defension and clogging of the stratister (5)     (5)     Defension and clogging of the stratister (5)     (5)     (5)     (5)     (5)     (5)       (6)     Defension and clogging of the stratister (5)     (5)     Defension and cl					
Pyrem. and clagging of the strainer       (3) Defect in each part of the oil pump       (4) Cooler defect       (1) Depositis and adjustment       (2) Connear, absence and damage of the range of the verse and distribution       (3) Connear, absence and damage of the verse an			Deposition of sludge inside	WILL CONTINUE THE ALL OF	-
<ul> <li>(c) Defect in each part of the oil pump</li> <li>(d) Cooler defect:</li> <li>(e) Cooler defect:</li> <li>(e) Cooler defect:</li> <li>(f) Cooring and adjustment</li> <li>(f) Remove states from the inside, and definitions</li> <li>(f) Remove states from the inside, and definitions</li> <li>(f) Near and corresion inside the dut:</li> <li>(f) Near and corresion inside the dut:</li> <li>(f) Powers flucture.</li> <li>(f) Deformation and dampes of the verse</li> <li>(g) Deformation and dampes of the verse</li> <li>(h) Merch and gas</li> <li>(h) Merch and dampes of the verse</li> <li>(h) Merch and the verse and dampes</li> <li>(h) Container</li> <li>(h) Merch and the verse and dampes</li> <li>(h) Container</li> <li>(h) Merch and the verse and dampes</li> <li>(h) Container</li> <li>(h) Merch and the verse and dampes</li> <li>(h) Container</li> <li>(h) Merch and the verse and dampes</li> <li>(h) Container</li> <li>(h) Merch and the verse and the</li></ul>					
1. Ih the importion, open the membels     1. After diseasenbling     1. Convist       1. Ih the importion, open the membels     1. Deposits and adhered anthemes     1. Cheming and adjustment       (1) Deposits and adhered anthemes     (1) Deposits and adhered anthemes     1. Cheming and adjustment       (2) Convestor, abered anthemes     (1) Remove asha from the inside, and cleara the inside and cleara the insinside and the inside and cleara the inside and cleara th					
1.1. In the impoction, open the mentols     1. After disaseenbling     1. Conning and adjustment     1. Conning and adjustment       and impost the import     (1) Deposite and advect at substances       (2) Convesta, absence and damage of the transport     (2) Convesta, absence and damage of the transport     (2) Periodic and transport     (3) Periodic and transport     (3) Periodic and damage of the transport       (3) Veware fluidting     (3) Veware fluidting     (3) Veware fluidting     (4) Veware and damage of the verse and d					
1. In the important, open the muchole     1. After dissembling     1. Conving and adjustment       and import an interior.     (1) Deposits and adhered statements     (1) Conving and adjustment       and import the interior.     (2) Deposits and adments     (1) Conving and adjustment       (3) Vear and compare     (3) Vear and compare     (4) Vear and compare       (5) Deposition and damage of the expension     (5) Vear and compare     (5) Deposition       (6) Defining     (5) Demage of the verse and damage of the verse and damage     (5) Demage of the verse and damage of the verse and damage       (7) Demage of the verse and damage of the verse and damage     (5) Demage of the verse and damage     (5) Credit sale of the verse and damage       (6) Mucholo clamping bolt     (5) Credit sale of the verse and damage     (5) Demage of the verse and damage       (7) Demage of the verse and damage     (5) Credit sale of the verse and damage     (6) Credit sale of the verse and damage       (7) Demage of the verse and damage     (7) Demage of the verse and damage     (7) Demage of the verse and damage					
1. In the importion, open the manufole     1. After dissembling     1. Open and importion, open the manufole     1. After dissembling       and import the interfor.     (1) Deposition and admentes     (1) Exponsition and admentes     (1) Exponsition and admentes       (2) Leaking of at made pastimizer     (2) Leaking of at made pastimizer     (1) Nearer flucthing.       (3) Wearer and correction inside the duct     (3) Creating and damage of the expression point, say and admage of the expression point, say and admage of the vare and damage of the vare that and the vare and damage of the vare that and the vare and damage of the vare that and the vare and damage of the vare that and the vare and damage of the vare and damage of the vare that and the vare and damage of the vare that and the vare that and the vare that and the vare that and the vare					
and transport the internet.     (1) Deposits and adhered substances     (2) Remore ashas from the inside and (denue of a benefician, absence and damage of the version, absence and damage of the version inside the duct     (3) Remore ashas from the inside and (denue of absence and damage of the version joint, say and buffle plate     (3) Convestion and damage of the version joint, say and buffle plate     (3) Remore ashas from the inside and (denue of absence and damage of the version joint, say and buffle plate     (3) Convestion and damage of the version joint, say and buffle plate     (4) Weater flucting.     (5) Section and damage of the version		1. In the impection, open the menhole	1. After disassembling	1. Cleaning and adjustment	1. Operation items and cautions
Corrosion, absence and damage of by water flushing, the liming. Lealage of air and gas Veer and corrosion inside the duct Cracits and damage of the expansion joint, say and buffle plats Deformation and damage of the vano addamper Deformation and damage of the vano addamper Deformation and damage of the vano Marbolo clamping bolt for water flushing	हुम्म काटा	and inspect the interior.			
the liming Leakage of air and g Wear and corrosion: Wear and corrosion ion, stay and buffle joint, stay and buffle Deformution and da and dampor buffle and of the v Orloff same of the v for water fluabing			Corrosion, absence	by wates flushing.	corrosion in particular.
			the lining		
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			for water Dusting		
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<b>TATTIC</b>	FORESTO IN TRADES AND IN	Inspection lien	ompooodd Now	
<ul> <li>Rotacing</li> </ul>		1. During disessonbling	1. Disessembling	1. Operation items and cautions
regenorative	which allows the air preheater defect	(1) Cas lakage or other defects of the	Open the manhole at	(1) Open and inspect them on a planned basis according to the result of
			(2) Change air and inspect it under effective	une rest. Wilkin sulows the sur pressent updat to be under of the second of the second of the second of the second se
S Main		(2) Adherence of soot on the element and		infortant and outlet, or the inspection on particle.
- Aboo		nermber a Suddon	(3) Check the rotor mong preventive brake carefully.	(2) It is perferred to itempet the heat transfer surface at intervals of two
		2. After cleaning and adjustment	2. Cleaning and adjustment	
÷.		[[Element]	[Element]	(3) Take out and inspect the low temperature element to provide guiding
	-	(1) Corrowion and wear	A) Defen unter Cricking Weeking and dminage	
:		(Cambilly obsch the risk wall		depending on the record of the weight and plate thickness,
		<b>I</b> .	oC or less until the pH value reaches 0.5 or more.	
•		(2) Commission were effect of shares of	() The elements on the low temperature side may be	(4) Conduct chemical analysis of deposits and adhered substances on the
				element as required, to provide reference information for operation.
	-	(3) Loren and american conditions	depending on correction and wear.	(5) The low temperature section of the rotating regenerative predeater is
			[Cantimus]	exposed to sulfur attach, while the high temperature section is
				exposed to the combination exhaust gas; the operating conditions are
		shind nonzoc norminol se tertimon	(1) Re-ughten the installation bolt or replace them.	very server. Accordingly, extreme care should be used to inspect
		[Rotor seel, circumferential seal and radial	(2) Replace then with new ones if much corroded.	them when disastembling and inspecting them.
		the filters	(Postore haloance)	(6) Check each seal for contact and leakage during the test operation
		(1) Corrosion and wear		
		(2) Check insultation and measure	(ז) נס ווואושנו עוד אירוצוון ארוט וויסוגט עוא נעוער טעבד הומים	To check for leakage, measure the amount of O2 before and after the
		clearance.		air preheater.
			3. Amembling and recovery	$\mathcal{O}$ . Take actions to measure the tool bit from falling
		(2) Lotte control, danage of attended	(1) Clean the seat surfaces of the muthole and	
			inspection sight, and replace the packings.	
		[Rotor]	(2) Confirm that the interior is free of things left behind.	
÷		(1) Conduct liquid perterrating test for		
•		cracks and corrosion of the rotor weld		
			-	
		(2) Measure the contact and wear of the		
		(c) noneced on the interview only		
	-	[Housing]		
		(1) Corrosion		
		(2) Measure the level and inclination as		
		required Bearing		
		(1) Inspect and measure the bound		
		clemmon		
		(Z) Contact		
		(3) Roplace the lubricating oil.	· · ·	
,		[Rotor balance]		
		(1) Admittant of rate weight as		
÷.		3. Make final confirmation t scoul there is any		
		defect in the installation part and soal.		
		(1) Make a final confirmation to see if	-	

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Y CONTRACTOR IN THE REAL OF			
Work procedure	<ol> <li>Clearing and adjustment</li> <li>Open the cover.</li> <li>Make sure the interfor is the of foreign substances.</li> <li>Use transet oil or compressed air to remove contaminations.</li> </ol>	<ol> <li>Clearing and adjustment</li> <li>Clean the air motor black with compressed air and rags.</li> <li>Wash the air strainer with decorgent.</li> </ol>	
Inspection item	<ol> <li>After disussembling</li> <li>Contact of gears</li> <li>Oil scal</li> <li>Searing contact</li> <li>Bearing contact</li> <li>Wear of coupling bushing</li> <li>Lubricating oil. need of its replacement</li> </ol>	<ol> <li>After disassembling</li> <li>Contact of gears</li> <li>Coll seal</li> <li>Oil seal</li> <li>Bearing contact</li> <li>Wear of bearing bushing</li> <li>Defect of air strainer</li> </ol>	
Extent of disassembly	In the inspection, check each perc.	1. Disassemble and inspect	
Equipment	(b) Drive unit i. Speed reducer	іі. Аіт посот	· · · · · · · · · · · · · · · · · · ·

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romumba	Derast of disastan blo	Instruction útem	Work procedure	Renterio
Damo		error encounderiv		
. Oil fuing	1. In the inspection, conduct the test	1. After disessembling	1. Atter disassembling	1. Operation literas and cautions
equipment	which allows the pump-to be checked	(1). Water and crack of each part of the	(1) Open the caring.	(1) Chark the selecy device of the gas detector of the oil fitting
	by meaning pressure and electric		(2) Take out the rotor.	equipment, and the grounding wire of the tube and equipment.
	current	(7) Shaft bearing and mechanical seal		(2) It is protored to disessenble and inspect it at intervals of four years.
i. Heavy crude				
(Increase Lype,			(4) Centering	
contributed				
ti Light où pump		(3) Relief valve operation		
<u>+</u>	Thermal Party and	1 A francountries	L Creaning and adjustment	
		A Comment of the main	(1) Onen the cover.	
				· · ·
		(2) LINCES AND CLANAGES OF US (NOV	(3) Replace the packing.	
	·····	any mercana		
		(.) Understand Generges of the terre plane		
		(4) IUDO CONTAGO IONE		
- - - -		(5) Relief valve operation test		
		-		
	Thereast and	) After dissecon bline	3. Gesning and adjustment	
	a sud man sectors it		AL Dare that we have been as the second seco	
	2. Disassemble and inspect valves.	(1) Defects opposed and Automotics	(1) LIGHT (UND THE TERM BANK IN UNDER THE THE	
	-	LOAKAGE TOT VAIVOR		
		(3) Damage of the velve, coupling and		
		Zlaxible tube		
		(4) Wear and enceion of the shareoff		
		VALVO, COTAV		
		(5) Wear and damage of the drive		
	Descendly and inspect them in the	1. After disavembline	1. Coming and adjustment	[Burners]
(main.)	inspection.		(1) Creative human using the wire brush, rans and	(1) Sufficient adjustment must be made to ensure that burner refractories
burner and				
tring		(2) Burnout and deformation of the	(Z) Fitthe the	(2) After completing the assembling, check how the burner is set for the
(Jacumor)		diffuser cone and protective tube		furnace
		(3) Burnout of register damper		(3) After completing the assembling of the firing burner, conduct the
				speck test to confirm that there is no trouple.
				-
		(5) Hoad vave, flexible tube and		-
		universal joint	-	
_ "		(6) Operation test	· · · · · · · · · · · · · · · · · · ·	
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Remarks			<ol> <li>Operation items and cautions</li> <li>Check the safety device with specific care.</li> <li>Carefully unck for gas leakage in daily inspection.</li> </ol>		
Work procedure	<ol> <li>Coaring and adjustment</li> <li>Disassemble, inspect and adjust the fan proper.</li> <li>Cash the strainer.</li> </ol>	<ol> <li>Cleaning and adjustment</li> <li>Clean the strainer using treated oil, rags and compressed air.</li> <li>Clean the pump and control valve using metted oil and rags.</li> </ol>	<ol> <li>Cleaning and edjustment</li> <li>(1) Clean the neurole using rage and compressed air.</li> </ol>		
Inspection item	<ol> <li>After opening</li> <li>Wear, corrosion and damage of shaft, bearing, liner and camage</li> <li>Wear, bearing, blade</li> <li>Danage of damper, bearing, blade and movable parts</li> <li>Contamination of strainer</li> </ol>	<ol> <li>After assembling</li> <li>Dumage of the centrol valve. foat, etc.</li> <li>Agitator</li> <li>Pump shaft, bearing and disphragm</li> </ol>	<ol> <li>Atter disussembling</li> <li>Atter disussembling</li> <li>Clogging, wear and damage of the CD Bumour and deformation of protective ubes</li> <li>Burnout of register damper</li> <li>Datect of the operating equipment</li> <li>Valves and flexible tubes</li> <li>Operating test</li> </ol>	<ol> <li>After diseasembling</li> <li>Check for ges larkage around the piping, valves, burners</li> <li>Check the roliof valve and robeseo valve.</li> <li>Shur-off valve</li> <li>Shur-off for operation.</li> <li>Check fore bestage.</li> </ol>	
Extent of disussenbly	1. Disessemble and inspect then.	1. Diaessemble and inspect them.	1. Diaassentble and inspect them in the inspection.	Disessemble and inspect valves.	
Equipment	Els disti	(C) Additime feet denice	b. Cas fring equipment (a) Burner	(3) Cas proving valvess	

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(7) Soot blower

n Intercion Intercion Cance tube feed				
<b>§</b>	1. Inspect catch part. 2. Inspect the norzha, Lance tube and food pipe.	<ol> <li>During dissurembling</li> <li>Check the injection angle and direction of the norzela from inside the futures, and positional relationship with tube group</li> <li>Alse check the tube group within the norzele injection range for damage.</li> <li>C. Alter cheming and edjustment</li> <li>C. After cheming and edjustment</li> <li>Convoion, wear, cracks and absence of the norzelo</li> <li>C. Damage, currosion, wear, carbatte feed pipe</li> <li>C. Corresion, wear, carbatte feed pipe</li> <li>C. Corresion and damage of the gland</li> <li>During and after assembling</li> </ol>	<ol> <li>Disauembling</li> <li>Disauembling</li> <li>Build scatfolds and wear protective goods since the work is to be done at devated positions in some cases.</li> <li>When pulling out the lance tube, take care not to damage the tube groups nearby.</li> <li>Put taky marks (such as positional relationship) to required positions.</li> <li>Coming and adjustment</li> <li>Coming and conclose and lance tube using the wirebrush and rage.</li> <li>Reput light curvatures and norzle wear.</li> <li>Assembling and recovery</li> <li>Take care not to damage the boiler tube.</li> <li>Put the specified marks and tally marks to required positions.</li> </ol>	<ol> <li>Coperation tiems and cautions         <ol> <li>The intervals for disastendby and inspection management and operating conditions.</li> <li>Inspect the scaling of the portion of the furnace will percenting the scot blower, by checking the sati and gas blow during the operation.</li> <li>The demaged topper may cause the water tube to be demaged, so it must be reputed.</li> <li>When inspection, take a sufficient care to the dama rule tube to be the tube group due to the stopper blower.</li> </ol> </li> </ol>
		confirm the positional relationality with the tube wall. (2) Check the injection angle and direction of the norzło, and positional relationality with tube group. (3) Atter assembling, confirm vibration and injection start position from		
b. Houd valvo	Disassenble and inspect.	<ol> <li>After disassembling</li> <li>After disassembling</li> <li>(1) Cracks ad grosion of thevalve casting, valve body and valve rod</li> <li>(2) Contact of valve soat and spring</li> <li>(3) Enotion and seizure of pressure adjust ring</li> </ol>	<ol> <li>Ctenting and adjustment</li> <li>Cent the valve cuarg interior, valve body and rugs uning the rags.</li> <li>Fit the valves which have poor seat surface contact and are durnaged.</li> <li>Replace the gland packing.</li> </ol>	<ol> <li>Operation items and cautions</li> <li>Due intervals for disessenbly and inspection may be extended according to the daily operation management and operating conditions.</li> </ol>
د Soatimg device د	1. Inspect tasch part. 2. Inspect inside the wall box.	<ol> <li>During disassembling</li> <li>Deposits and adhered substances innice the wall box</li> <li>Wear of the box</li> <li>Wear of the box</li> <li>Wear of the box</li> <li>Connoisn and wear of the scraper plate, wall end plate</li> <li>Connoisn and damage of the seal air and apprate air pipe</li> <li>Connoisn and damage of the gland and retainer</li> <li>Damage of the wall box insullation refractories</li> </ol>	12	<ol> <li>Coperation items and cautions</li> <li>The intervale for disastembly and importion may be extended according to the daily operation management and operating coordinons.</li> <li>Loakage from the head valve may errole the refractorize inside the wall box and furnace wall the as well. To prevent this a sufficient care must be taken to check belonge from the bead valve and defects of saal parts during disastembly and inspection as well as inthe daily impection.</li> </ol>

Chromiter in the interface of the interface of the interface of	1. Independent proc     1. After diamenting     1. After diamenting     1. Other diamenting       2. Diamenting and impact to the time     0. Topic of the time mode diamenting     1. Other diamenting     1. Other diamenting       3. Diamenting and impact to the time     0. Topic diamenting     0. Topic diamenting     1. Other diamenting       0. Diamenting and impact to the time     0. Topic diamenting     0. Topic diamenting     1. Other diamenting       0. Topic diamenting     0. Topic diamenting     0. Topic diamenting     0. Topic diamenting       0. Topic diamenting     0. Topic diamenting     0. Topic diamenting     0. Topic diamenting       0. Topic diamenting     0. Topic diamenting     0. Topic diamenting     0. Topic diamenting	1. Inspendent prof.     1. After distancenting     1. After distancenting     1. After distancenting     1. Other distanc	nàme	Extent of disassembly	Inspection item	Work procedure	Remarks
			4. Drive mechanism		age of the a of the gear b a shoe	<ol> <li>Clearing and adjustment</li> <li>Clear the air motor black using the rags and compressor air.</li> <li>Use decayant to wush the gest box interior, gent, bearing, chain and roller days shaft, and use the oil-proof sponge to clear them.</li> </ol>	<ol> <li>Coperation items and cautions</li> <li>The intervals for disessenbly and inspection may be extended eccording to the daily operation management and operating conditions.</li> </ol>
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(8)" Steam pipe, Food water pipe and Steam receiver

kamata	<ol> <li>Coperation items and cautions</li> <li>When you have cut off the pipe, install a suitable shield plate to prevent foreign substances from entering the pipo.</li> <li>Make chemical analysis of the deposits and adhered substances as required, thereby providing information for the treatment of feed water and boiler water.</li> <li>One year after start of the inparticular. Check the support points of the large diamoter pipes against the process taken during operation to make sure that expansion and contraction have been made as designed.</li> <li>Record the positions of the cracks and contraction have been made as preference information for other the area of the gradient of the inpart of the inpart of the provident encoded.</li> </ol>	<ul> <li>disessembly and inspection.</li> <li>For example, conduct liquid penetrating test and magnetic particle for example, conduct liquid penetrating test and magnetic particle isst, and observe secular deterioration on a planned basis; then take measures as appropriate.</li> <li>(5) The piptug of the roduced part before and after the feed water control valve in particular may be eroded. To prevent this, measure the wall thickness at spocified times, and observe secular changes to take appropriate measures.</li> <li>(6) It is recommended to conduct precision inspection of the pipohanger and support accessories as required.</li> </ul>	<ol> <li>Operation items and cautions</li> <li>Maine chemical gradysis of the deposits and adhered substances as required, thereby providing information for the treatment of feed water and bolier water.</li> <li>Record the positions of the cracio and corrosions, and check them against the previous records. The operation record will be used as reference information to determine the time of the next disastembly and impection.</li> <li>For example, conduct liquid penetrating test and magnetic particle test, and observe secular determine the prime of the next disastermby and observe secular determine the time of the next disastermby and observe secular determines to the next disastermes as appropriate.</li> </ol>	
Work procedure	<ol> <li>Cleaning and adjustment</li> <li>Ues the vacuum cleaner and rags to clean the pipe internal surface as required.</li> <li>Use the wire brush, emery cloft and special scaper to clean the flange seat surface.</li> <li>Confirm that the interior is free of foreign substances or other things left behind.</li> <li>Assembly and recovery</li> <li>Use the scaper and replace the packing.</li> <li>Relighten the high temperature tobo flange after ventiation.</li> </ol>		<ol> <li>Disassembly         <ol> <li>Open the mambola.</li> <li>Open the mambola.</li> <li>Measure the oxygen concentration (a void oxygen abortage)</li> <li>Use the safety work lamp.</li> <li>Cheming and solitsment footwear, and take only the minimum of tools and other required pers with you.</li> <li>Chem the inside with nylon brush and rep.</li> <li>Chem the inside with nylon brush and rep.</li> <li>Take can not to allow the meal safface to be damaged or denacd.</li> <li>Take can not to allow the meal safface to be inside.</li> <li>Cheming the inside take care not to allow foreign substances or moisture to care.</li> <li>Mathematics or motor model.</li> </ol></li> </ol>	
Inspection item	<ol> <li>When opening</li> <li>Deposits and adhered substances</li> <li>Presions (fitterbuilon)</li> <li>Color (external appearance)</li> <li>Thickness or volume</li> <li>Composition</li> <li>Composition and cracks (weld zones in puricular)</li> <li>Damages on the flarge surface</li> <li>Defects of the tube America support, present of the tube America</li> </ol>	<ul> <li>(6) Defects of the support of the set of t</li></ul>	<ol> <li>When opening</li> <li>Deposing and adhered substances</li> <li>Deposits and adhered substances</li> <li>Positions (diatribution)</li> <li>Color (octamul appearance)</li> <li>Thickness or volume</li> <li>Creating and adjustment</li> <li>Contrasting and adjustment</li> <li>During and attrain hold, and their surrounding</li> <li>During and attra assembling</li> <li>Make are that the tools or similar objects are not left beind inside, and drain holes are not clogged.</li> </ol>	
Extent of disessenbly	<ol> <li>I. Inspect ouch part.</li> <li>Check the pipe internal surfaces when</li> <li>Check the pipe internal surfaces when disassembling or removing the valva.</li> <li>Gheck the pipe external surfaces when you have repaired insulations.</li> </ol>		1. Open the matchole and check inside.	
Equipment name	e. Steen pipe and frod water pipe		Do. Steam rocoriver	

(1) Measure and record the dimensions (wear, etc.) of the parts as required, and inspect the clearance of the aliding parts. Replace the the repair standards recommended by the manufacturer. (Standard dimensions of each part and limits of use to be compared with each Warming up contact damage and accident may be caused by poor clearances of the air compressor. Adjust the clearances to the parts or determine the time of ropair by studying in companison with It is recommended to check the suction valve and delivery valve on a Remarks periodic basis at shorter intervals. 1. Operation items and cautions specified dimensions. ( b g g 8 6 When disarsombling, take sufficient cure not to The cylinder cover and piston are heavy, and should be hundled carefully. Build soffolds to ensure Put tally marks to required positions to indicate the Clean the air filter with the detergent and compromed air taking cars not to damage the Using appropriate tools, remove contamination and Use the scraper to finish the beating and white Use the emery cloth, detergent and compressed air to To cham, the inter-cooler and after-cooler, pull our the cooling tube and flush the tube and outer (1) To confirm the clearance, use the lead line and Manually operate it before test operation and check To clean inside the crark case, use the designat cylinder with water. Clean them with the brush and Make sure that the interior is free of foreign To repair the shaft rod, use oil stone to finish it. relational position and other information. Clean the inside of the drain separator. substances (bolts, set acrews, etc.), Work procedure thus inside the cylinder jacket. clean the parts as required. rags and compressed air. damage to the parts. 2. Coming and adjustment 3. Assembly and recovery thickness gaugo. the sliding part. 1. Disuscending olement suffery. metal Ş, 8 3 8 6 8 6 T ଚ S е G 6 baore a) Wear, crack and damage of thevalve a) Wear, crack and damage of the e) Woar and crack of the piston Cylinder line, piston, piston rod. b) Clemance between the piston and Replace the detective mentic piston ting groove, piston ting. B b) Measure the dimensions of the oiler c) Contamination of the oil filter and Mossure the dimensions as required. Replace the valve plate and spring. d) Defect of the unloader mechanism plate, valve seat and valve spring (4) Oil pump, lubricator and oil cooler Contamination of cylinder jacket (1) Suction valve and delivery valve packing, gland packing and ring. c) Contact and wear of the bearing pin and oiler sloove as required. o) Looseness of installation bolts Į c) Looseners of cylinder top nut b) Measure the piston rod warp. e) Defect of the oil cooling tube clearances Fit the surface as required. d) Peeling of the white metal a) Tooth contact and damage c) Wear of the valve guide g) Measure the dimensions. f) Defect of the relief valve metallic packing, spring d) Defect of the lubricator i) Measure the clearance. b) Measure the clearance. replacement of the felt Cross head, cruck Inspection item d) Defect of the gland b) Valvo scat surface 2. Clearing and edjustment (2) Piston and Cylinder a) Wear and Grack 1. During disassembling sliding surface disussembling. connecting rod C 044 2 mont cylinder С 5 and import the Extent of disasterbly 1. Disautmble compressor. (9) Air source compressor Equipment namo 21

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нони антоник и на С			cording to the rule.	instrumtant control inter. This requires contart and periodic contart during daily d.
	Remarks		ration items and cautions. For the periodic voluntary test and repair. Record the result of the voluntary inspection according to the rule, and keep it.	ation items and coultions Defoctive deturnidation may cause measuring instrument convol failure, and may result in theoring accident in wirster. This requires careful inspection during daily operation management and periodic impection. Pull out all the deturnidifying agents and inspect them during daily management and at the specified time as required. Check each operation after completion.
			<ol> <li>Operation items and cautions         <ol> <li>For the periodic volumize</li> <li>Record the result of the stud koop it.</li> </ol> </li> </ol>	<ol> <li>Coperation items and cautions</li> <li>Defective defauntidafer failure, and may result i carretul inspection durin inspection.</li> <li>Pull out all the defaunti management and at the (3) Check each operation at</li> </ol>
	Work procedure		ding and adjustment. Using the wire bruth and rugs, remove deposits and athened substances. Finish the manhole and seat auriace with the scraper and emery cloch, and replace the packing. Make sure that that tooks or similar objects are not left behind inside, and drain holes are not clogged.	ssembly Open the cover of the dehumidifier cylinder. The upper cover is heavy, and should be handled carefully. Build scaffolds to ensure safety. Integ and adjustment Replace the older dehumidifying agent with the new one. Chan the filter by compressed air. Chan the operation valve body and sliding parts.
			<ol> <li>Cleaning and adjustment         <ol> <li>Using the wire burst</li></ol></li></ol>	<ol> <li>Disassembly</li> <li>(1) Open the cover of a</li> <li>(2) The upper cover is currently. Build sat</li> <li>2. Counting and adjustment (1) Replace the older de one.</li> <li>(2) Count the filter by e</li> <li>(3) Count the operation</li> </ol>
and the second se	Inspection its	<ul> <li>(5) Creark case</li> <li>(5) Deterioration, and replacement of lubricating oil. Analysis as required.</li> <li>(6) Inter-cooler and atter-cooler all Deposits, adhered substances and damage of the cooling tubo</li> <li>(9) Deposits, adhered substances and damage of the outer cylinder</li> <li>(9) Defect of the selecy valve drain trap (4) Defect of the drain separator</li> <li>(7) Air filter</li> <li>(9) Contamization, deposits, adhered substances and damage</li> <li>(9) Mains superator</li> <li>(10) Mains sum that damage</li> <li>(2) Conduct hydraulic test of the oil cooler, inter-cooler and aller-cooler domated ashered and aller-cooler damage of the environment.</li> <li>(2) Conduct hydraulic test of the select valve and related environment.</li> </ul>	<ol> <li>When opening:         <ol> <li>Deposits and adhered substances</li> <li>Deposits and adhered substances</li> <li>Canche and corrosion                 <ul> <li>Rust conto binnet side</li> <li>Weidt line and weld zone</li> <li>Norzie sub, dasin hole and their surrounding area</li> <li>Contour liquid penetrating test of the weld zone as required.</li> <li>Demage of the matholo and seat surface</li> <li>Check the safety valve and dmin top for dotoch.</li> </ul> </li> </ol></li> </ol>	<ol> <li>During disascembling</li> <li>Reduction in the amount of the datumidifying agent (where gd. scrive alumina)</li> <li>C) Chogging of the filter</li> <li>C) Wear and darmage of the filter</li> <li>Wear and darmage of the filter</li> <li>After cleaning and adjustment</li> <li>Reduction in the amount of the datumidifying agent (where gd.</li> <li>(2) Heater insulation and cleaning and control conduction</li> </ol>
	Extent of disassembly		1. Open the manhole and impect the inside.	1. Open it and inspect the interior.
	Equipment		b. Air receiver	c. Debumnich:

		C. West and damages of the sliding nert		
		of operation valve 3. During and after assembling	<ol> <li>Assembly and recovery         <ol> <li>Use the scraper and emery clock to finish cleaning of</li></ol></li></ol>	
	· ·	<ol> <li>Check that the specified amount of dehumiditying agent is supplied.</li> <li>(2) Measure the dow point of</li> </ol>	WILL THEW ODERS.	
		debumidified air.		
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	and the Annual Annua			considerant with the submanifest for the construction of the formation of the submanifest of the submanifest of

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	Work proceedure	1. Disamenbling     1. Operation items and cautions       (1) Put tally marks before disassembling without     (1) Inspect the valve for use, leakage and operation at intervals of one to wo years.       (2) Handle each part taking care not to damage it.     (1) Inspect the valve for use, leakage and operation at intervals of one to wo years.       (2) Full the gland with lubricating agent.     (2) Full the gland with lubricating agent.       (3) Tighten the boils and must firmly.     2. Reference information	1. Disastembling     1. Operation items and cautions       aton,     (1) Make sure that there is no foreign substance inside.       (2) Mandle each part taking care not to damage it.     (2) Carefully clean the connection the actery valve side.       acid     (3) Uniformly tighten the inlet connection flange bolts and stude.	1. Disassembling     1. Operation items and cautions       (1) Make sure that there is no foreign aubatance inside.     (1) Test the operation at intervals of one to two years.       2. Assembling     (1) Replace the gasket packings with new ones.	<ol> <li>Disasembling</li> <li>Disasembling</li> <li>Confirm that the interior is free of foreign and cattions</li> <li>Confirm that the interior is free of foreign and check the system valve for the caternal systemance before stopping and check the function. Carefully check the valve for leakage and other stopping.</li> <li>Take care not to damage the valve red, valve seat or observable defects in particular.</li> <li>Take care not to damage the valve red, valve seat or observable defects in particular.</li> <li>Take care not to damage the valve red, valve seat or observable defects in particular.</li> <li>Tet the valve and valve seat as required.</li> <li>Replace the gland pactings with new ones.</li> <li>Valves and valve seats likely to be subjected to frequent leakage scording to experise of valves as a required.</li> <li>Valves and valve seats likely to be damaged</li> <li>Valves and valve seats likely to be damaged</li> <li>Inspect cracks using liquid penetating test. Conduct magnetic particle test as required.</li> <li>Inspect outside the valve or observed to action the valve seater strengt on the valve seater of the named of o</li></ol>
	Inspection item	<ol> <li>After disassembling</li> <li>Measure the wear and wall thickness of the body internal wall.</li> <li>(2) Fit the connect of the interval valve and valve scat as required, and conduct liquid penetrating test.</li> <li>(3) Weld zone</li> <li>2. After assembling</li> <li>(1) Air tight test.</li> <li>(2) Operation test</li> </ol>	<ol> <li>After disassembling</li> <li>Check the body for corrosion, damage and cracks.</li> <li>Pit the contact surfaces of the nozzlo and disk and conduct liquid ponetrating test as required.</li> <li>Check for spindle curvature and wear.</li> <li>Check the spindle curvature and wear.</li> <li>Conduct operation test.</li> </ol>	<ol> <li>After disassembing</li> <li>Check the valve body for corrosion, duringo and cracks.</li> <li>Check the valve seat for contact.</li> <li>Check the sliding part for wear.</li> </ol>	<ol> <li>Disasembling</li> <li>Check the valve body for corrosion, damage and cracks.</li> <li>Check the valve seat for contact.</li> <li>Check the valve rod for crack, curvature, were rand corrosion.</li> <li>Check the valve rod for crack.</li> <li>Check the bolts and mut.</li> </ol>
(10) Other piping and valves	Extent of disassembly	1. Disessembly and inspect it.	1. Inspect each part. 2. Diarsembly and inspect it.	1. Insport cuch part. 2. Disassembly and inspect it.	1. Disassembly and inspect them.
(10) Other pipu	Equipment name	a. Adjust valvo (including piston)	t. Safey valve	c. Reducing valve	<ul> <li>Coher</li> <li>general</li> <li>pipings and</li> <li>valves</li> <li>(a) Valves</li> </ul>

Deneral (h) Ceneral mining	Extent of Quantification of Control of Contr	Inspection item 1. Rollow the procedure given in "8, 4. Steam vice and feed water tabe "in this Voltme.	Work procedure Seme as left	1. Operation listes and califorms	
	and the region of the state of		•	<ol> <li>When you have can got the tube, provide a support or other surfactor materials to prevent foreign substances from catering the pipe.</li> <li>Check the separations of smaller pipe and pipe for cracks.</li> <li>Since services may occur to the pipe and pipe for cracks. measure the wall their discovers and check for secular charges.</li> </ol>	
				<ul> <li>(4) Insport inside the surface wherever possible when you have removed the value or cut off the pipe.</li> <li>(5) Insport inside or outside the pipe when you have repaired the insulation.</li> </ul>	• .
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Equipment	Extent of disassombly	Inspection item	Work procedure	Romatts
A Chemicals reservoir	<ol> <li>Inspect each part.</li> <li>Open and inspect it.</li> </ol>	<ol> <li>After opening and adjustment</li> <li>Check the boutom plate and side plate for deformation, cracks and</li> </ol>	12	<ol> <li>Operation items and cautions</li> <li>When discharging chemicals, take appropriate measures such as neuralization.</li> <li>Decention of the chemicals measures with it hy uniter fluching</li> </ol>
		(2) Internal paint and living (3) Check the norzhe and diminage for correction and cracks	<ul> <li>(2) Clean the mission by water instance, and remove deposits and achieved substances by wire brush and wates.</li> <li>(3) Measure the wall thickness of the bottom place and</li> </ul>	
	•	(4) Check annosphere tubo and liquid loval gauge for clogging and convention.	9 7	
b. Chemicals (exc pump	1. Inspect each part. 2. Disassembly and inspect if.	<ol> <li>After assembling and adjustment.</li> <li>Wear and durage of the cylinder</li> <li>Durage of the crank shaft</li> <li>Wear and damage of the piston, piston ring and oil ring</li> <li>Rod, pin and bearing</li> <li>Wear and damage of the digntragen</li> </ol>	<ol> <li>Learning and adjustment</li> <li>Wash cach part with decargent and clean it with compressed air.</li> <li>Use the wire buash to chean threaded parts of the bolts.</li> <li>Replace the bearing, piston ring, oil ring and disphragm as required.</li> </ol>	
		and bail valve Gear contact Lubricating oil ing and after assemb Clearmoo Operation of the pressure adjuutmen Vibration and noise Delivery pressure	<ol> <li>Assembly and recovery</li> <li>(1) Replace the lubricant oil.</li> <li>(2) Measure the clearance.</li> <li>(3) Measure the volume of delivery for stroke.</li> </ol>	
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2. Periodic inspection procedure for steam turbine

(1) Turbine proper

	Equipment	Extent of disassembly	Inspection item	Work procedure	Remarks
	name				
	a Turbine	1. In the inspection, remove the urbor	1. During diseasembling	1. Disasweenbling	1. Operation items and cautions
		half there cannot and instant the			(1) Dow instruction is its recommended to take out Rotor every four to
			(I) Canang	(T) WIIGH CRASSENDARY, bad anternation (T)	
		nue uderiadaro con one como concoro	77. Relational notition and dimensions	Comperature and its failing speed to ensure that the	
		labyrinth packing installed.	And the state of the state of the	caung and rotor will not deform.	including the lower half hirdine casing.
					(7) It is momented to other the steam turbine every four to six years
	_	SCIECT UP DESILIES WILL FURN STORE	(3) Major clearance for each put.	<ul> <li>(a) million operations</li> <li>bare formulations</li> </ul>	
		ioner as required, and concutor the	a) Clearance of thrust bearing and		
		magnene periore test	journal bearing	(3) To check the conditions as accurately as possible	() II UP HERE LEVELON IN THE ALMAN AND THE OTHER THE STATE
			b) Clearance between rotative blade	immediately after disestinoly, lake care not to	
			and stationary blade or disphracm	contaminate or damage the parts.	
			c) Moving Nucle his clasterica	(4) When starting the work, wear a clean working	(4) Before starting impochen, check for the history and operation
_					record since construction. Record each part in details.
			d) Gland and cummy seals	not to damage machined surfaces or alip.	(5) The relative amocianed treatment such as centering, alignment and
			e) Oil thrower and oil seal	(1) When measuring the centering also record the	
			1) Other major parts		status at the time of operation startup. So their conditions and
			(4) Alienment	room temperature time after alon, and hot well	traiment must be made clear during the operation.
	•	-		warer level (soring support system). When	(6) Comput obeyinal applyais of the demosits and adhered substances as
				-33	
			(6) Deposits and adhered substances	nicesurity versor type concerts, attact draw	roquerod, and attended the data in the view when when we were
			(7) Discoloration and rust		
				(6) To lift the heavy objects such as the casing and rotor,	(7) If there are deposits, adhered substances, corrosion and erosion,
				confirm the rope safery load and lifting angle in	record the positions and denonsions, and take their photograph if
			(9) Crack, damage, dent, deformation	advance.	required, thereby providing reference information for secular
			and curvature	(7) After onemine, enclose the opping with a	changes and the next pariodic mapection.
			(10) Contact herveon rotary and		
-			Ì		(a) Antoching the mainter with the new internet. This will be used as
					and the second second and the second second and and the first second sec
			(II) Contrainen and crossion	tools and one required parts will you no cardin	Interesting and interaction.
			(12) Wear	Interviewe and the second s	
			(13) Steam leakage		2. Secular change and precision impection
			(14) Loosened bolts	(y) Cover them. With the protocore street and pare as	(1) The reliability of the equipment will be reduced if used for a longer
-					
			2. During adjustment and assembling	(10) Store the dismsombled parts in a specified vessel to	high compositive and high pressure in particular require inspection
			Repeat the inspection items implemented	ensure that they will not be lost or muted with others.	of the secular change including the microstructure test.
			duing dismunbing as required.	2. Adjustment and amombling	(2) It is recommended to adact the appropriate positions at the
		· · ·	Furthermore, check the following as	(1) Remove the dence its and adhered substances by the	following intervals and to conduct procision inspection:
	:		required:		a) After 80,000 times for the first time
			(1) Deterioration of bolts and muts	vacuum cleaner and compressed air for cleaning.	b) Every eight years or after 60,000 to 80,000 hours for the second
			(2) Extensible parts and sliding parts	Provide honing and shot blasning if required.	time and thereater
				(2) Use fine onery clein, somer and oil sinne to adjust	(3) It is recommended to adact the appropriate positions of the
	<u> </u>			parts.	exceeding 100,000 or cumulative numbers of starts exceeding
				(3) Use the oil stone to finish parcing a machined parts	2.500), and to diagnose the remaining service life.
				(2) Dan the wine heards to treat the threaded marts of the	· · · · · · · · · · · · · · · · · · ·
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				/N When making adjustment reforming to demand	
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				(A) Persona fina cracita hu the atimiar whenever	
-				holes.	

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Equipment name	Extent of disassembly	Inspection item	Work procedure	Remarks
an sha A			<ul> <li>(14) Do as follows as required:</li> <li>a) Conduct liquid penetrating test, measure the warpage of horizontal joint surfaces.</li> <li>b) Select the position of high stress level in the initial periodic inspection and the periodic inspection after long-term use, and conduct magnetic periole test.</li> </ul>	<ul> <li>(3) It is recommended to diagnose the service life after 100,000 hoursof cumulative operations or cumulative 2.500 starts. For details, see the description of Operation Procedure (Appendix 3) "Cuideline of the diagnosis of the remaining service life".</li> <li>(3) It is necommended to perform special precision inspection at the following sinervals:</li> <li>a) After 80,000 times for the fast time</li> <li>b) Every eight years or after 60,000 to 80,000 hours for the second time and thereafter</li> </ul>
c. Dispitragm. schoolary blade	<ol> <li>Do as follows in the periodic inspection:</li> <li>Chock the negge of the 1st stage of high and intermediate pressure.</li> <li>Check the disphragm installed in the authine easing.</li> <li>Conduct the following test as</li> </ol>		<ol> <li>Distancembling, adjustment and assembling</li> <li>Remove the deposits and adhered submences by liquid homing, wire brush or emery doft. Use the vacuum cleaner and compressed air for cleaning.</li> <li>Use amery cloth and scorper to rear the horizontal surface.</li> <li>Theat the fin with oil stone or scraper.</li> <li>Theat the fin with oil stone or scraper.</li> <li>When furth the rate the cusing, adjust the tally</li> </ol>	<ol> <li>Coperation items and cautions</li> <li>Courties and cautions</li> <li>Tris recommended to impact it by removing the disphragm every four to eight years</li> <li>Secular deterioration and reference cases</li> <li>Inspection of nozzle box defact</li> <li>Inspection of nozzle box defact</li> <li>Tende due to high temperature greep and low cycle flatgue are likely to court to high temperature dueded</li> <li>Inspection of nozzle box defact</li> </ol>
	required: a) Liquid penetrating test b) Clearance measurement c) Davat measurement	<ul> <li>(0) Fit parts</li> <li>(7) Cast parts and weld zone of the nozzle</li> <li>(8) Seal ring</li> <li>(9) Horizontal joint surface</li> <li>(9) Plotizontal joint surface</li> <li>(10) Deformation</li> <li>(11) Wear, damage and contact</li> <li>(12) Key, key growe and pin contact</li> <li>(13) Spring descriptionic</li> </ul>		<ul> <li>is found out, remove defocts by grading if the wall thickness is within tolerance. If due tolerance is exceeded, repair it by welding.</li> <li>(2) Measurement of dispiragen deformation.</li> <li>(3) Measurement of dispiragen deformation of the dispiragen by every Repair the dispiragen by machining if reduction for clearanceduring installation has reached below the tolerance.</li> <li>(3) Evosion test for the normal hole in the first same of high and particles at the normal hole in the first same of high and intermediate pressure. Check if crosion mitigation measures here been taken, and conduct precision inspection.</li> </ul>
		(14) Locarness of installation bolts and cracks (15) Clearnoca with shaft.		<ul> <li>When erosion and defects have been found, remove them by curing back. If the tolermote is exceeded, repluir thy welding.</li> <li>(4) Measures against wear and erosion of the radial fin Same as stop 2.(7) for turbine casing.</li> <li>(5) Countermeasures against wear or erosion of the radial spindle strip Same as step 2.(7) for turbine casing.</li> <li>(6) Countermeasures against wear or erosion of the disphragm packing. Same as step 2.(7) for turbine casing.</li> </ul>
2. Roosting Slade Control of the state Control of t	<ol> <li>Do as follows in the inspection:         <ol> <li>Cantty rouse the shaft without removing it, and inspect the following:</li> <li>and inspect the following:</li> <li>Blades and installations</li> <li>Strond and lacing wire</li> <li>Conduct liquid pencenting test as required.</li> </ol> </li> </ol>	<ol> <li>During disassembling, adjustment and assembling</li> <li>Deposits and adhered substances</li> <li>Damage by foreign substances</li> <li>Corrector and erosion.</li> <li>Correcto and blow boles</li> <li>Storper blace</li> <li>Storper blace</li> <li>Check the storper blace for lift and the stopper for looseness.</li> </ol>	<ol> <li>Disasambling, adjuarment and assembling         <ol> <li>Remove depends and addrered substances by liquid             honing, who bursh and emerge doth. Use the             vacuum cleaner and compressed air for cleaning.</li> <li>Correct the cutter edge with the screper and oil             store, and replace the severely damaged fina.</li> <li>Replace the air tight fin if its clearance is not proper.</li> <li>Remove oil and guase by wiping carthily when             assembling.</li> <li>Conduct liquid penetrating test as required.</li> </ol> </li> </ol>	<ol> <li>Coperation items and cautions         <ol> <li>It is recommended to inspect the shuft by taking it out every four to eight years.</li> <li>Measure the manual frequency of the black as required.</li> <li>Cack, each part for looseness by the sound produced in troping. Measurement of the marreal frequency of the black will make it easier to find out deform.</li> </ol> </li> <li>Countermeatures against norzle profile erosion. If erosion occurs to the profile erosion. If erosion cocurs to the profile erosion.</li> <li>Countermeatures against norzle profile erosion. If erosion occurs to the profile erosion in the impact stee. Replace the norzle with a new one if it is close to the critical limit.</li> </ol>

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Ectent of diseasembly     Inspection liten       (7) Inserted blade     Check: the inserted blade for indirection, tooseness and gp with existentiation, tooseness and gp with existentiation, tooseness and gp with existentiation and reach for the science solution.       (8) Shroud     Check: the shroud and traon for lite with exercise constant of the compared some solution.       (9) Peaking, creck and reach of the scillin, strip and silver solutered zone (11) Scaling constant correstion of the strigger fith (13) Expendend correstion of the strigger fith (14) Blade cherence (15) Imspectant of dove bit hook	Work procedure	(2) Inspection of the Lst stage blacks of high and intermediate pressure and dove still hook. Check for sift current by create and deformation of the double tail.	hook due to high temperature creep. Conduct utmeonic test as required. If any defect is found out, the blades must be subjected to	sampling (cas. ()	b) Same as stop 2 (7) for turbine room (4) Inspection of the Rotaing black stallio in the final stage of low	Detects caused by SCC (stress corrosion crack) are likely to occur to	the contanty place steam and on the mage of two pressure. Aloca to the pressure. Aloca to the state of the st	a) Suver molected statute If indications having a length of 32 mm or more are found on the houndary between, the stall are action and subser solder, conduct	ultimation text to see if the it is peaked or not. If peaking is detected, replace the stollike with the new one. b) Westing the stallike	If any descriptional our by liquid penstrating test, remove the defort by grading. Strin-cut the stellite surface layer of all other	(3) Counterroousness against blacks marked erosions. Check the blacks for erosions, deposits and adhered aubmances and	noutes on the list stage black of they are of they are intermediate pressure and large black, dont on the list offse, crucks on corroded and prized sections, the shroud of fit part, and magnetization of mostened	(6) Commentered against eronion in the final stage of low pressure and large Rotating blade	When erosion has progressed considerably due to water drops, cut off or grind the blade surface from the viewpoint of performance and strength.	(7) Damping of the large Rotating blacks of low pressure	Inspect the lacing wires and installations. Also inspect to see if the damping and lacing wires due to vubmition of the blade end and erosion, and installations are subjected to SCC (stress corrosion stress) and damage.	(3) Linspection of the Rolating black ration of high and intermediate pressure. The black tentons of the 2nd stage of high pressure and 1st and 2nd stages of intermediate pressure are likely to be subjected to errosion due to solid particle. Check how surk tentons are used, and	conduct precision inspection (9) Inspection of the recenting black fork pin in the final step of low pressure. Check to sear it the recenting black fork pin on the final steps of the recenting is athleaded to Adderts canced by SCT (areas
Eccentoly	Inspection item	Inserted blade Check the inserted blade inclination looseness and ger v	adjacent blade. Shroud	Check the shroud a	Peeling and breaking damping wire and		stellite, strip and salver soldered zone (11) Sealing	(12) Contact, wear, discontration, burr, anack, and corrosion of the sir tight fin	<ul> <li>(13) Fit perts, clearance</li> <li>(14) Blade clearance</li> <li>(15) Inmention of dove tail book</li> </ul>				- - - - - -					
	Extent of disassembly					· · ·								•				

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Romarka	(10) Inspection of abroud ring Check to see if the shroud ring in the initial periodic impection is subjected to damage due to Nigh cycle farigue. (11) It is recommended to diagnose the service life after 100,000 hoursof cumulative operations or cumulative 2.500 starts. For desuit, see the description of Operation Procedure (Appendix 3) "Guideline of the diagnosis of the remaining service life". (12) It is necessaries to perform special precision inspection at the following intervals: a) After 80,000 times for the first time b) Every eight years or after 60,000 to 80,000 hours for the second time and thereafter	<ol> <li>Chorension items and caustora</li> <li>Tri is recommended to inspect the shaft by removing it every four to eightyears.</li> <li>Carefully inspect the blade stage subjected to everetemperature and stress conditions.</li> <li>It is recommended to a just the balance of the shaft or the shaft which eathly inspect the blade stage subjected to everetemperature and stress conditions.</li> <li>Rear, though vibration is not very big.</li> <li>Rear, though vibration inspection</li> <li>Inspection of create strong dist the rater care hole due to high temperature creep. When any defect is found out, remove it by coparding the created strong docudar procession, inspection. If remote the rate of the thrust collar with base created to a inspection. If remote an inspection. If remote the strong dist base due to low cycle forsized. Creat how here: group is formed, and conduct precision, inspection. If remote the arrive thick base due to low cycle forsized. Creat how here: group is formed, and conduct precision, inspection. If remote the remote the thrust collar with anow on.</li> <li>Inspection of straink fitparts of the thrust collar and skin-cut the straing maties of the thrust collar with anow on.</li> <li>Stris recommended to partom special percision at the diagrousis of the remaining service life".</li> <li>After 80,000 these for the first time         <ul> <li>After 80,000 the state formed.</li> <li>Strong dues of the terms of the thrust collar with anow on.</li> <li>Strong dues of the remaining service life".</li> </ul> </li> </ol>	
	<ul> <li>(10) Inspection</li> <li>Check to subjected subjected</li> <li>(11) It is recording description diagnosis</li> <li>(12) It is recording</li> <li>(12) It is recording</li> <li>(12) Subsystic</li> <li>(12) Every site</li> <li>(12) Every site</li> </ul>	<ol> <li>Coperation items and cautions eight/years.</li> <li>Tris recommended to ins eight/years.</li> <li>Carofully inspoct the blad stress conditions.</li> <li>Lis recommended to all which each fir as require the prese considerably years, though vibration is (a) Replace the fir as require the arroaded.</li> <li>Replace the fir as require the presented of the presented of the properties of the strenge with grant of the strange and precisions if (c) Inspection of tracts at rule arroaded to the inspection of the strange for the strange of the strange there operations of the transitions of the transitions of the strange of the transitions of the transit</li></ol>	
Work procedure		<ol> <li>Disassembling</li> <li>Vhen lifting or lower them, adjust the level using a beam. In this case, take care not to damage the shaft and blace by contact. When placing the shaft on the support rest, put the lead plane and ucform under the support rest.</li> <li>Adjustment and assembly</li> <li>Adjustment and assembly</li> <li>Adjustment and assembly</li> <li>After treating the journal and thrust collar with oil with tapo.</li> <li>Remove depends and adhered substances and met using wire brush or energy cloth. Use compressed are for channes, physicat, protoct if with tapo.</li> <li>Perform liquid penetrating test if required.</li> </ol>	
Inspection item		<ol> <li>During disassembling</li> <li>Cautering</li> <li>Roor position</li> <li>Roor position</li> <li>Roor trancut</li> <li>Roor trancut</li> <li>Roor trancut</li> <li>Roor trancut</li> <li>Corrosin and adhered substances</li> <li>Corrosin and eronion</li> <li>Contact</li> <li>Heat group and labyrinth group</li> <li>Journal and thrust collar</li> <li>Journal and thrust collar</li> <li>Journal and thrust collar</li> <li>Sournage dynamemt and assembly</li> <li>Repart the inspection items implemented during disassembling as required.</li> <li>Pheasence of the blacks and lower horizontal joints</li> <li>Pheasence of oil in center holo.</li> </ol>	
Extent of disassembly		<ol> <li>Deas follows in the inspection:         <ol> <li>Centry recare the shaft without removing it, and inspect the following:             <li>Rotor</li> <li>Diak</li> <li>Diak</li> <li>Deature weight installation</li> <li>Conduct liquid pememaing test as required.</li> </li></ol> </li> </ol>	
Equipment		A. Rouge and Lister and	

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Lettos     1. In the inspection, check for exacentel compliage       L. Shaft     1. In the inspection, check for exacentel spontance.       Solution     approximation, check for exacentel spin       B. Steem gland     1. In the inspection, gently rotate the shaft without removering it.	<ul> <li>1. During disastembly, adjustment and assembly</li> <li>(1) Runout of the coupling bolt</li> <li>(2) Entering</li> <li>(3) Centering</li> <li>(4) Coupling bolt and hole</li> <li>(5) Bur, damage and contact of coupling surface and pilot</li> <li>(5) Space fit parts</li> <li>(7) Turning gau</li> <li>(8) Sharak fit parts</li> <li>(9) Bolt cover retainer screw</li> <li>(10) Factble joints</li> <li>(10) Factble joints</li> <li>(11) Cardia and galvanic corrotion</li> <li>(11) Check and galvanic corrotion</li> <li>(12) Check if the inserted fn is damaged or lossend.</li> <li>(2) Check the fin currer black for contact</li> </ul>	<ol> <li>Disassembling</li> <li>Disassembling</li> <li>Before turning the root for muout or contering. (1) the bearing with a sufficient amount of cylinder oil. the bearing with a sufficient amount of cylinder oil.</li> <li>Start measurement after oil (3m has fit with the surrounding area.</li> <li>(2) Check for the centering by turning together.</li> <li>(3) Disconnect the coupling spigot using a jack bolk.</li> <li>(4) Push out the reatmer bolt with a jack, taking care to emoure that seizure will not occur.</li> <li>(5) Check bols and nues for taky murks, and keep them in store.</li> </ol>	<ol> <li>Operation items and cautions</li> <li>It is recommended to impect it every four to cight years.</li> <li>Secular thange and precision inspection</li> </ol>
	<ul> <li>1. During disassembly, adjustment and assembly</li> <li>(1) Runout of the coupling bolt</li> <li>(2) Elongation of the coupling bolt</li> <li>(3) Centering</li> <li>(4) Coupling bolt and hole</li> <li>(5) Burr, damage and contact of coupling surface and ap(sot</li> <li>(5) Spacer fit purts</li> <li>(7) Turning gaur</li> <li>(7) Turning gaur</li> <li>(9) Bolt cover retainer screw</li> <li>(10) Pactble joints</li> <li>Athesion of the natching purts, wear and assimuse of the matching purts, and assimuse of the matching purts, and seizures of the matching purts, and subsection</li> <li>(11) Crachs and galvanic corrosion</li> <li>(12) Check if the inserted fn is damaged or losemod.</li> </ul>	<ul> <li>Duauseenbling</li> <li>Duauseenbling</li> <li>(1) Before turning the root for runout or cantering fill the bearing with a sufficient amount of cylinder oil. Sur measurement after oil film has fit with the surrounding area.</li> <li>(2) Check for the centuring by turning together.</li> <li>(3) Disconnect the compiling spigot turing a jack bolt.</li> <li>(4) Puch our the reamer bolt with a jack, taking care to ensure that seizure will not occur.</li> <li>(5) Check bolts and nues for taky marks, and keep them in store.</li> </ul>	<ol> <li>Operation litems and caubons         <ol> <li>Tr is recommended to inspect it every four to eight years.</li> <li>Socular change and procision inspection</li> </ol> </li> </ol>
terretaria de la construcción de la constru	<ul> <li>Assembly</li> <li>(1) Runout of the compling bott</li> <li>(2) Elongation of the compling bott</li> <li>(3) Centering</li> <li>(4) Coupling bott and hole</li> <li>(5) Burr, damage and contact of coupling surface and spiget</li> <li>(5) Suecer fit parts</li> <li>(7) Turming gear</li> <li>(7) Turming gear</li> <li>(9) Balt cover retainer screw</li> <li>(10) Pactible joints</li> <li>(11) Pactible joints</li> <li>Adhesion of oil committents, wear and seizure of the matching parts, and contact of the matching parts, and seizure of the matching parts, and concerned.</li> <li>(11) Crachs and galventic corrosion</li> <li>(12) Check if the inserted fn is damaged or losemod.</li> <li>(2) Check the fin currer black for contact</li> </ul>		<ol> <li>It is recommended to inspect it every four to eight yours.</li> <li>Socular change and precision inspection</li> </ol>
	<ol> <li>Runout of the coupling bolt</li> <li>Elongation of the coupling bolt</li> <li>Centering</li> <li>Centering</li> <li>Coupling bolt and bole</li> <li>Space fit parts</li> <li>Thraing gear</li> <li>Thraing gear</li> <li>Strink fit parts</li> <li>Strink fit parts</li> <li>Plactible joints</li> <li>Adhesion of of oil contaminants, wear and seizure of the matching perty, and tooh damage</li> <li>Lunring disassembling</li> <li>Coeck the fit current fail is damaged</li> <li>Check the fit current fail is damaged</li> <li>Coeck the fit current fail is damaged</li> <li>Check the fit current fail is damaged</li> </ol>		2. Socular change and precision inspection
	<ul> <li>(1) Shongation of the coupling bolt</li> <li>(3) Contering</li> <li>(4) Compling bolt and hole</li> <li>(5) Shoor fit parts</li> <li>(6) Space fit parts</li> <li>(7) Turning gear</li> <li>(8) Shrink fit parts</li> <li>(9) Balt cover retainer acrow</li> <li>(10) Pracible joints</li> <li>(10) Pracible joints</li> <li>(11) Checks and galvanic corrotion</li> <li>(11) Checks and galvanic corrotion</li> <li>(11) Check if the inserted fn is damaged</li> <li>(12) Check the fin curaer blace for contact</li> <li>(13) Check the fin curaer blace for contact</li> <li>(2) Check the fin curaer blace for contact</li> </ul>		
	<ul> <li>(c) Exorgation of the computing cont.</li> <li>(3) Contering.</li> <li>(4) Compling bolt and hole</li> <li>(5) Burr, durrages and contract of coupling surfaces and spigot</li> <li>(6) Spacer fit parts</li> <li>(7) Turning geau</li> <li>(8) Sumuk fit parts</li> <li>(9) Bult cover retainer serrew</li> <li>(10) Placible joints</li> <li>Adhesion of oh matching parts, and and search of the matching parts, and and search of the matching parts, and and search of the matching parts, and and search fit the matching parts, and and search of the matching parts, and and search fit the inserted fin is damaged or locented.</li> <li>(1) Check if the inserted fin is damaged or locented.</li> </ul>		
	<ul> <li>(3) Contering.</li> <li>(4) Coupling bolt and hole</li> <li>(5) Burr, damage and contact of coupling part, damage and contact of coupling part (5) Sumuk fit parts</li> <li>(5) Sumuk fit parts</li> <li>(5) Bult cover relation sectors</li> <li>(10) Plexible joints</li> <li>Adhesion of oil contaminants, wear and sectors of the matching part, and the sector of the matching part, and (11) Creats and galvantic corroction</li> <li>(11) Creats and galvantic corroction</li> <li>(11) Creat and galvantic corroction</li> <li>(11) Creat and galvantic corroction</li> <li>(12) Check if the inserted fin is damaged or lossendor.</li> <li>(2) Check the fin curae black for contact</li> </ul>		(1) The fixed coupling used for a long time shows be checked to
	<ul> <li>(4) Compling bolt and hole</li> <li>(5) Burr, damage and contact of coupling surface and spigot</li> <li>(5) Spacer fit parts</li> <li>(7) Turning gear</li> <li>(7) Turning gear</li> <li>(7) Turning gear</li> <li>(9) Bolt cover retainer screw</li> <li>(10) Precible joints</li> <li>Adhesion of oil contaminants, wear adhesion of the matching parts, and the science of the matching parts, and the science of the matching parts, and (11) Checks and galvenic corrosion</li> <li>(11) Check and galvenic corrosion</li> <li>(11) Check and galvenic corrosion</li> <li>(12) Check the fin curae black for contact</li> <li>(2) Check the fin curae black for contact</li> </ul>		d'aplacement of the coupling pole and source durings of use ap 80%
	<ul> <li>(5) Burr, damage and contact of coupling surface and spigot</li> <li>(6) Spacer fit parts</li> <li>(7) Turning gear</li> <li>(7) Turning gear</li> <li>(8) Shrink (fit parts</li> <li>(9) Bult cover retainer actrow</li> <li>(10) Plexible joints</li> <li>Adhesion of oil contaminants, wear and seizure of the matching parts, and und seizure of the matching parts, and (11) Checks and galveric corrosion</li> <li>(11) Check and galveric corrosion</li> <li>(12) Check the inserted fn is damaged or locented.</li> <li>(2) Check the fin curae black for contact</li> </ul>		MORNING THE SCHNEE THE OF THE SERIE CORDINAR
	<ul> <li>surface and spiget</li> <li>(5) Spacer fit parts</li> <li>(7) Turning gear</li> <li>(8) Shrink fit parts</li> <li>(8) Bult cover retainer actrow</li> <li>(10) Plactible joints</li> <li>Adhesien of oil contaminants, wear and seizure of the matching perty, and tooth damage</li> <li>(11) Chachs and galvaric corrosion</li> <li>(11) Chachs and galvaric corrosion</li> <li>(11) Chack if the inserted fn is damaged</li> <li>(12) Check the fin curaer blade for contact</li> <li>(2) Check the fin curaer blade for contact</li> </ul>		-
	<ul> <li>(b) Spacer fit parts</li> <li>(7) Turning gear</li> <li>(8) Shink fit parts</li> <li>(9) Bolt cover retainer actrow</li> <li>(10) Prescible joints</li> <li>(10) Prescible joint of oil contaminants, wear and saizure of the matching perts, and tooth damage</li> <li>(11) Chacks and galvanic corrosion</li> <li>(12) Chack if the inserted fn is damaged of or loosenod.</li> <li>(2) Check the fin curaer blace for contact</li> <li>(2) Check the fin curaer blace for contact</li> </ul>		• •
	<ul> <li>(7) Turning gear</li> <li>(8) Shrink (tr parts</li> <li>(9) Bolt cover rotainet acrow</li> <li>(10) Plactible joint acrow</li> <li>(10) Plactible joint acrow</li> <li>(10) Plactible joint acrow</li> <li>(11) Chadts and galvanic corroation</li> <li>(12) Check if the inserted fn is damaged</li> <li>(13) Check the fin curae blace for contact</li> <li>(2) Check the fin curae blace for contact</li> </ul>		
	<ul> <li>(3) Shrink (tr parts</li> <li>(9) Bolt cover retainet acrow</li> <li>(10) Pastible joint acrow</li> <li>(10) Pastible joint of oil contaminants, wear and seizure of the matching parts, and tooth damage</li> <li>(11) Chachs and galvanic corrosion</li> <li>(12) Chachs the inserted fn is damaged or locemed.</li> <li>(2) Check the fin curae blace for contact</li> </ul>		
	<ul> <li>(c) Jurned tripped</li> <li>(c) Balt cover retainer screw</li> <li>(10) Plexible joints</li> <li>Adhesion of oil contaminants, wear adhesion of the matching parts, and und damage</li> <li>(11) Crecks and galvanic corrosion</li> <li>(11) Creck af the inserted fn is damaged</li> <li>(1) Check the inserted fn is damaged</li> <li>(2) Check the fin curae blace for contact</li> </ul>		
	<ul> <li>(3) Bolt cover relative screw.</li> <li>(10) Plexible joints.</li> <li>(10) Plexible joints.</li> <li>Adhesion of oil. contaminants, wear and seizure of the natching perty, and the nage.</li> <li>(11) Chechs and galvanic corrosion</li> <li>(11) Check if the inserted fin is damaged or losened.</li> <li>(2) Check the fin curae black for contact.</li> </ul>	2. Adjustment and assembly	
	<ul> <li>(10) Plexible joints.</li> <li>Adhesion of oil contaminants, wear and sericurs of the matching perfu, and tooth damage.</li> <li>(11) Checks and galvenic corrosion</li> <li>(11) Check if the inserted fan is damaged or loosened.</li> <li>(2) Check the fin curar blade for contast.</li> </ul>	(1) Use fine emery cloth or oil spine to treat the	-
	Adheston of oil contaminants, wear and seizure of the matching party, and tooth damage (11) Crachts and galvaric corrosion (1) Chacht and galvaric corrosion (1) Chacht if the inserted fn is damaged or loosened. (2) Check the fin curar blade for contact		
	and seizure of the matching parts, and tooth damage (11) Crachts and galvaric corrocion (1) Chachts and galvaric corrocion (1) Chacht if the inserted fn is damaged or loosemed. (2) Check the fin curar blade for contact	(2) Wash bolts and nuts in treated oil.	
	tooth damage (11) Crachts and galvenic corrocion 1. During disassembling (1) Check if the inserted fn is damaged or loosened. (2) Check the fin curar blade for contact		
	<ul> <li>(11) Crachts and galvanic corrocion</li> <li>1. During disassembling</li> <li>(1) Check if the inserted fn is damaged or loosened.</li> <li>(2) Check the fin curar blade for contact.</li> </ul>		
	<ol> <li>During disassembling</li> <li>Check if the inserted fn is damaged or losened.</li> <li>Check the fin currer blade for contact.</li> </ol>		
	<ol> <li>During disassembling</li> <li>Check if the inserted fn is damaged or loosened.</li> <li>Check the fin currer blade for contact.</li> </ol>	(4) FUE DOUDE UNIVERSE PROFILES AN ANTANA - 2 VIE	
	<ul> <li>c) Check if the inserted fn is demaged or loseened.</li> <li>(2) Check the fin curve blade for contact.</li> </ul>	1 Discrete	1. Operation items and cautions
		An Destantion of the relation and store shaft	(1) It is meaninged to disassmble and inspect it every four to eight
		(1) raying automoti to up tay may any second to damage.	years
		the fan.	<ol> <li>Carrel or otherwork and mercinism instruction.</li> </ol>
		(2) When measuring the clearance, note the labyringh	A DOMAR WINDO BE PLANNER AND THE AND A AND A AND A AND A AND AND AND AND
	and corrosion.		(1) Countermeasures against wear and staton of the game and she
	a chart the emphase camb for wear	Bend the lead line according to the unduktions of	
		the rotor groove, and bend both ends into segments	Standard anto the (1) to the standard and the standard
	(4) Demacros the relatives ting	to hold each other, so that it will not be discrigaged.	· · ·
	Air tickness of the horsey can and	2. Admement and assembly	
	Au update of up only and	AV The Astronomy and make and commenced air	- -
	(6) Pacione cinamaco	(1) Use which opening in the second provide the second sec	· · ·
		ON Permit the contact trace at the tooth too sharply with	
	(v) transfer or loosened		
· · · · · · · · · · · · · · · · · · ·	A Cuche dames (algue and		
· · · · · · · · · · · · · · · · · · ·	clashicity of the sur-		
	method)		
· · · · · · · · · · · · · · · · · · ·	(9) Fit parts of the rotary and fixed parts.		· ·
· · · · · · · · · · · · · · · · · · ·	and air tight ring		
· · · · · · · · · · · · · · · · · · ·	(Barrel type steam turbine radial packing)	· ·	-
	2. During adjustment and assembly		
	Renat the instantion instant intelemented		-
	during diseasembling as required.		
	Furthermore, check the following:		· · ·
	Spring tension (spriv		
	(Z) Movedoc amount (radial parking		
	(monthater -		
- - 			

namo			W OFK PROCOUNTS	
a, Boung	I. In the unspectent, theck the being	1. During assembling	1. Descendiy	1. Operation nome and cautions
	for external appearance.	(1) Rotor direction of the shaft (at 2000	(1) Keep the bearing center than adjust liner and shifth in	(1) Inspection must be conducted in conformity to intervals of removing
		(mmod	ante og spætsyng men possoon an antenner	
		(2) Oil ran of the bearing	(2) When measuring the bearing oil gap with the lead	(2) Use the terrore wrench to manage the tightening torout of the
		(C) CONTECT WITH INTONIA KOINT CONTECT		÷ .
		which and surfaces under pressure		(2) If is recommended to mean an arrange of the mean when an arrange
		(4) Scratch, discoloration, burnout,	(3) MORELINE LITTLE (280 by MONING THE KOTOR IN LINE	alignment has been corrected to a great extent.
		crack, peaking, lift, foreign		2. Secular change and precision inspection
		substances and blow hole of the	(4) For the oil thrower fin, pay attention to the labyrinth	(1) Confirmation of America and Att
		thebtbitt	partietri.	
		(3) Parallelism with the voumal	(3) Put mines on the jubricetion not and oil drain port	The arc rate of the metal babbit will detenorate in conformity to the
				shaft by a long-time use, so check for arc rate, and correct the
		(0) ITTURE gap		curvanno rato il required.
		(7) Contact surface of the threat bearing	2. Admetment and assembly	m) Cliding of the hearing block
			All Planting and a second for the second sec	-
				Check the following to see if smooth sliding is charted:
		(8) Gup of the back face	and vertical joint surfaces and fit parts of the bearing	a) Behavior and clearance of the bearing block guide
		(9) Context, dent and gap of bening,	block and bearing, adjust ring.	b) Baratration of measure on the alighment let
		adjust ring and spherical seat	(2) Use the scraper to remove foreign substances and	
				C) ELECTIVE CONNECTIONS (INTELLACCA) DELIVER UNTURING CHARING AND
		(IV) CURETON CORRESPONDENT AUGUST	adiverment of the contact In this case, advertment	beaning block
			must be tone minimum	Defects caused by piping force must be corrected on the piping side.
		(11) Calvanic corrosion		
	-	AM Tarrent Linear	. (3) Babbitt surfaces are subject to damage. When	
		לדיד) דינטמנומה המודיה	handing them, take care not to damage them.	plate and shong railine and musugament of bearing block must be
		(13) Deposits and adhered substances in	Rectric welding must not be carried out close to the	inspected.
		oil rech	Tearing in namionlar	(2) Immertium of metal habiting
		(14) LOUGIN SUMERICON MART HILL ON	(4) Clean the bearing with treated oil, vacuum cleaner	A MOUL CALORIT COMPCTATING THO
		NONCASE DIMENSI IN CONTINUE DIOCH	and compressed are. Use the oil proof sponge when	b) Manufacturing fault
		(15) Contact, wear, deformation, deposits	treated oil is utilized.	c) Bearing load
		and adhered substances of the oil	(5) Completely clean the oil path to the bearing.	d) Entry of foreign substances into htbricating oil
		thrower	(6) When the acte is placed in the bening, apply highly	c) Shaft voltaet
		2. Adjustment and assembly		
		Rever the interaction (sens inclemented	providing for relation of the axies for contering.	
		Arrive dimensions are described	Conferm the talky must of the ment of the ment	
	- 14			-
			to the direction and mitching direction.	
		(2) Cerrection of white metal		-
		(3) Fitness and clamping allowance of the		-
			(9) Replace the sheet packing with a new one.	
		(4) Bearing position adjust part and		
- 	· · ·			· · · · · · · · · · · · · · · · · · ·
		(6) Levences of the horizontal joint of		
	-	the pouring stand		
		(7) Mimignment due to foundation		
	· · · · · · · · · · · · · · · · · · ·	behavior		
		(8) Loosened uncher bolt		
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(2) Major valves

<ol> <li>Loba e relations at the inspector.</li> <li>Damenaldy for a relation at the inspector.</li> <li>Damenaldy of the circle constraints of a sector of the circle constraints of a sector of the circle constraints of a sector circle constraint.</li> <li>Constant in the inspector.</li> <li>Constant inspector inspector inspector inspector inspector inspector inspector.</li> <li>Constant inspector inspector inspector in</li></ol>					
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<ul> <li>Contact month with order, many with each end month of about the many of the formation must be dependent with the contact about the theory of the formation must be dependent to the formation must be dependent.</li> <li>Chrometer maximum contract to the formation must be dependent to the formation must be dependent</li></ul>	stop valva, Taheat stop	(1) Disasamble the value and check	(1) Contact of the valve, valve seat, valve		
<ul> <li>Contact: The following Text: as provident and the method market in a first price and the method price and the method price and the method market in a first price and the method price and the</li></ul>	valve, miercent valve, and ou		F.	start diseasembling.	
<ol> <li>Chronic Tab Klörong for kannon and kelmen anderenan of hand materian strate confirming and the strategy and the an</li></ol>	Î		0		
<ol> <li>Depose and address address of the bulk partial and community for advances of a bulk partial advances of advances of a bulk partial advances of a bulk partial advances of a bulk partial advances of advances of a bulk partial advances of a bulk partial</li></ol>			the valve rod		uccut, it is not increasely to tressection and trepton
<ul> <li>vuene not and building.</li> <li>(a) Water and fingener with presenting particular to the public distingtion.</li> <li>(b) Water and events of glant practing.</li> <li>(c) Searmen and ware of high temperature (a) Man distances of the bolis and man. When boosening (b) Search water water (a) for the bolis and man. When boosening (c) the bolis and man. When boosening (c) the search of the well zero (a) building at the vulner cardina and article (a) manual at the practing.</li> <li>(c) Crast, create a text blow holds of set.</li> <li>(c) Crast, create a text blow holds of set.</li> <li>(c) Crast, create a text blow holds of set.</li> <li>(c) Crast, create a text blow whole of set.</li> <li>(c) Crast, create a text blow holds of set.</li> <li>(c) Crast, ware blow hold of the set of the value of the set of the set</li></ul>		mamba	μ		
<ul> <li>(c) Were real environ of given pretrains with molecular pretra</li></ul>		a) Liquid perchang test	valve rod and bushing		
<ul> <li>and batking acterns and yourse of high temperature siting a current or charge terms of the oblic action by heating a induction community a terms of the oblic action by a partial action community of the well action by a current or curve and the oplication of the well action by a curve obly and a tright mark in a curve or and action of the well action by a curve obly up to the method action by a curve action of the well action action</li></ul>		() Circulture maailmenter	2		2 Caroline channes and mediation instruction
<ul> <li>ugh temperature</li> <li>ugh temperat</li></ul>			and bushing sloove	-	
<ul> <li>(6) Take caree not to allow encassive force to be applied to be applied to the weak of anti, holds</li> <li>(7) Take caree not to allow encassive force to be applied to prescribint. (7) Protect the valve sout with tage.</li> <li>(7) The weld zame (7) when dissampling the oil harmfug is in perficular. (7) Protect the valve sout with tage.</li> <li>(8) When dissampling the oil harmful is in completely released.</li> <li>(9) When dissampling the oil harmful is in completely released.</li> <li>(9) When dissampling the oil harmful is in completely released.</li> <li>(1) Remove the scale of the valve red with oil stores and and not its completely released.</li> <li>(1) Remove the scale of the valve red with oil stores and safet the valve red montile.</li> <li>(1) Remove the scale of the valve red montile.</li> <li>(2) Mentilized the valve red montile.</li> <li>(3) Remove the scale of the valve red montile.</li> <li>(4) Remove the scale of the valve red montile.</li> <li>(5) Remove the scale of the valve red montile.</li> <li>(6) Remove the scale of the valve red montile.</li> <li>(7) Remove the scale of the valve red montile.</li> <li>(7) Remove the scale of the valve red montile.</li> <li>(8) The serve moute are further and fourt to her valves of the red montile.</li> <li>(9) Use the valve red had the valve of the red montile.</li> <li>(1) Use the valve red is fourt to her scale from the valve red from the valve red for the red montile.</li> <li>(9) Use the valve casing, oridited film or rest. Use the valve red for the rest. The valve casing, oridited film or rest. Use the valve casing, oridited film or rest.</li></ul>			0	the bolts by heating. taking care not to overheat it.	(1) Inspection of night temperature could
<ul> <li>Dev boloo of each per. Careful handing is required to ensure with age.</li> <li>De dain bola</li> <li>Coent per. Careful handing is required to ensure with age.</li> <li>After removing close the opening with a temporery cover.</li> <li>After removing close the opening with a temporery cover.</li> <li>Adjustment and assembling the oil barrel, uniformaly bosen (1) Remove the search of the valve for the valve for</li></ul>				-	
<ul> <li>Der hole of each de arterio or curvature will naço court octre valoe an impericular. (7) Process the valoe seat with tage.</li> <li>a daain hola (8) Antersmorving, close the opening with a temporary cover in particular. (7) Process the valoe of be and hand.</li> <li>(7) When disassembling the oil barrel, uniformly knosen the bolt will be serve most of ager. If the value not will be opting is completely released.</li> <li>(9) When disassembling the oil barrel, uniformly knosen the bolt will be serve most of the value not will be serve most of a state of the value not will be served.</li> <li>(9) When disassembling the oil barrel, uniformly knosen the bolt will be serve most of the value not will be serve most of the value of the value of the value of the particular. (7) Prost the value of the value of the particular of the parts of the particular of the particular of the parts of the parts of the particular of the parts of the parts</li></ul>	•		P-I		(2) Inspection inside and outside the valve body
<ul> <li>a dain hole</li> <li>calin hole</li> <li>calin hole</li> <li>(it he wald zone</li> <li></li></ul>	,	-	Ŷ	that acratch or curvature will not occur to the valve	a) Check if eracis have been caused by caning defect
<ul> <li>a datain hole</li> <li>(the weld zone</li> <l< td=""><td></td><td></td><td>casting as the valve casing</td><td>rod, vave body and air ught mug in particular. (/)</td><td>outside the valve body. Cracked and cartaged port</td></l<></ul>			casting as the valve casing	rod, vave body and air ught mug in particular. (/)	outside the valve body. Cracked and cartaged port
<ul> <li>in particular.</li> <li>(a) Autor removing, coose us operang with a temparet, if the weld zone</li> <li>(b) When disassembling the oil burnd, uniformly hosen the bolib with desping is completely released, and encours.</li> <li>(c) When disassembling the oil burnd, is trans at the walve for the valve for the soliding for the valve for the valve for the valve for the soliding for the valve for the second them.</li> <li>(f) the oth valve for the valve for the second to the for the valve for the second them.</li> <li>(f) the oth valve for the valve for the second to the for the valve for the second them.</li> <li>(f) the valve for the valve for the second to the for the valv</li></ul>			Carefully check the drain hole.		Surgected to Auto-cuturg, set spirite, into surprus of the
<ul> <li>If the weld zone</li> <li>() When disasembling the oil barrel, uniformly hosen dreveion</li> <li>a the sit right</li> <li>2. Adjustment and assembly</li> <li>careosion</li> <li>() Remove the assembly</li> <li>() Use the view burdh and buff to remove the scale from the valve body and set authores.</li> <li>() Use the view burdh and buff to remove the scale from the valve the scale from the valve the scale of the form the valve the scale of the the valve of the lever link</li> <li>() Use the view burdh and buff to remove the scale from the valve the scale from the valve of the form the valve of the form the valve of the period at the valve of the period at the valve of the period of the set of the valve of the period of the period of the set of the valve of the scale of the valve of the scale of the valve of the valve of the scale of the valve of the scale of the valve of the the valve of the scale of the valve of the valve of the scale of the valve of the valve of the scale of the valve of the valve of the scale of the valve of t</li></ul>			conter and weld zone in particular.		
<ul> <li>A the set (ght a set (ght a value for extract automany power, the set (ght a completely released.</li> <li>A and buttleness</li> <li>A and buttleness</li> <li>A set of paper. If the value or common is excession, adjust for and assembly</li> <li>(a) Remove the second of the value or of with oil stores and tager. If the value of with a new oras in principle. Remove calle instant to be excided, replace the value of with a new oras in principle. Remove calle instant and assembly relaased.</li> <li>(b) Remove the second to be excided, replace the value of with a new oras in principle. Remove calle instant and assembly relaased.</li> <li>(c) Remove the second to be excided, replace the value of with a new oras in principle. Remove calle instant and assemblance of the serve motor is found to be excided replace to the value of with a new oras in principle.</li> <li>(c) Resonance are found on the value data statistication, fat them property. Use send paper or oil some to remove the scale from the value bedry and seat surfaces.</li> <li>(c) Use the wire bruth and buff to remove the scale from the value data in principle.</li> <li>(c) Use the wire bruth and buff to remove the scale from the value data of the lever ink.</li> <li>(c) Use the wire bruth and from or net. Use the value data of the pers with fine envert.</li> <li>(c) Use the wire bruth and from or net.</li> <li>(c) Use the wire bruth and from or net.</li> <li>(d) Use the wire bruth and from or net.</li> <li>(e) Use the wire bruth and from or net.</li> <li>(f) Poulter of the pers with from or net.</li> <li>(f) Poulter of the state provement or data of the state of the bruth or net.</li> <li>(f) Poulter of the leven of the state of the state of the bruth or net.</li> <li>(h) Poulter of the point surfaces of the pers with from of high.</li> <li>(h) Poulter of the state of the state of the state of the bruth or net.</li> <li>(h) Poulter of the pert of the state of the pert of the state of the bruth of the bruth of the bruth of the bruth of the bound.</li></ul>			(8) Crack and evasion of the weld zone		D) Ind structure. Weight weight of the subject to some cyclic structure and conduct analision instances and conduct analision instances.
<ul> <li>and barrithenes</li> <li>Adjustment and assembly</li> <li>and barrithenes</li> <li>and parter or oil some to remove the scale from the value and barrithenes</li> <li>and parter or oil some to remove the scale from the value body and seat surfaces.</li> <li>and parter or oil some to remove the scale from the value barrithenes</li> <li>and parter or oil some to remove the scale from the value barrithenes</li> <li>and parter or oil some to remove the scale from the value barrithenes</li> <li>and parter or oil some to remove the scale from the value barrithenes</li> <li>browner</li> <li>browner</li> <li>conset head and barrith to remove the scale from the value barrithenes</li> <li>browner</li> <li>browner</li> <li>conset head and barrith to remove the scale from the value barrithenes</li> <li>browner</li> <li>browner</li> <li>browner</li> <li>conset head and barrith to remove the scale from the value barrithenes</li> <li>browner</li> <l< td=""><td></td><td></td><td>and stellite perts</td><td></td><td></td></l<></ul>			and stellite perts		
<ul> <li>and brittlenes</li> <li>2. Adjustment and assembly</li> <li>and brittlenes</li> <li>(1) Remove the scale of the valve rod with oil score and said but the new one in principla. Remove scale of white a reconstruction of back and welve. If the valve of with a row one in principla. Remove scale inside the bushing by fine entery cloth, grinding or horing.</li> <li>(5) It is contact is stored, replace the valve rod with a new one in principla. Remove scale inside the bushing by fine entery cloth, grinding or horing.</li> <li>(6) It is contact is stored, replace the valve rod with a new one in principla. Remove scale inside the bushing by fine entery cloth, grinding or horing.</li> <li>(7) Use the view bush and buff to remove the scale from the valve body and scale with for contact is not clearned for the lever link.</li> <li>(7) Use the view bush and buff to remove the scale from the valve body and scale with from creat Use from the valve body and scale with from the valve body and scale of the lever link.</li> <li>(8) Use the view bush and buff to remove the scale from the valve body and scale of the lever link.</li> <li>(9) Use the view bush and buff to remove the scale from the valve casing, oxidized film or net.</li> <li>(9) Use the view bush and buff to remove the scale from the valve casing.</li> <li>(9) Use the view bush and buff to remove the scale from the valve casing.</li> <li>(9) Use the view bush and buff to remove the scale from the valve case.</li> <li>(9) Use the view bush and buff to remove the scale from the valve case.</li> <li>(10) That the artist case cannot and the period of the scale from the valve case.</li> <li>(110) Conduct tight from and the scale from the cash.</li> <li>(110) Conduct the level of the strainer, valve from the resourts of each period.</li> </ul>			Ś	messee i knowing on an and an min shoo an	
<ul> <li>and brithenes</li> <li>(1) Remove the scale of the valve red with oil score and said paper. If the valve red with oil score and is formation is excessive, adjust the runout is excessive.</li> <li>(5) It is only hered are found on the valve both, valve and runout is excessive, adjust the runout run is excessive, adjust the runout is excessive, adjust the runout is excessive, adjust the runout is excessive.</li> <li>(5) It is ontating by the errory cloth, grinding or horing, authous and paper to an evaluating by the error into a runo paperty. Use the view burth and butt to memore the scale from the valve body and and surfaces and valve body and and surfaces.</li> <li>(5) Use the view burth and butt to memore the scale from the valve body and and surfaces.</li> <li>(6) Use the view buth and butt to memore the scale from the valve body and and surfaces.</li> <li>(7) Use the view buth and butt to memore the scale from the valve body and and surfaces.</li> <li>(8) These the view buth and the number of the parts with fine the run.</li> <li>(9) Use the view buth and the number of the parts of the boling parts.</li> <li>(10) Checker the data to the joint surfaces which must be the valve and threaded parts of the form of high former.</li> <li>(10) Conduct them.</li> <li>(10) Conduct them.</li> <li>(10) Conduct them the clarmate and curvatine.</li> <li>(10) Conduct them.</li> </ul>				2. Adjustment and assembly	For the unit which has been used for a long time
<ul> <li>resion and wear send paper. If the value not monut is excessive, adjust thermation or repair the value of with a new one in principla. Remove scale inside the building by fine errord, replace the value of with a new one in principla. Remove scale inside the building by fine errord, replace the value of with a new one in principla. Remove scale inside the building by fine errory cloth, grading or their surfaces and value and built for minore the scale from the value body and set surfaces. Or the react of the lever link.</li> <li>(3) Use the wire build built to remove the scale from the value body and set surfaces.</li> <li>(5) Thes the value and built for remove the scale from the value body and set surfaces.</li> <li>(6) These the value and built to remove the scale from the value body and set surfaces.</li> <li>(7) Use the wire built and built to remove the scale from the value body and set surfaces.</li> <li>(8) Use the wire built and built to remove the scale from the value body and set surfaces.</li> <li>(9) The serve mather and built to remove the scale from the value body and set surfaces.</li> <li>(9) The serve mather and built to remove the scale from the value body and set surfaces.</li> <li>(9) Use the wire built not controp.</li> <li>(9) Use the wire built not controp.</li> <li>(10) Use the wire built not controp.</li> <li>(110) Control the stating parts differed from of high from the dimensions of each part.</li> <li>(110) Contact tight marks and threaded parts of the body. value of the from the claration and curvation and curvation and curvation and curvation and the body. The body of the levent is sufficient to the joint surfaces which muse be been and the strained.</li> </ul>			. •		damages caused by foreign substances on the im
<ul> <li>rution and wear acjust the ranous or repair the valve. If the valve root with a new one in principle. Remove scale inside the bushing by fitner entery clock, grading or hounds.</li> <li>the serve motor is found to be erreded, replace the valve root with a new one is found to be erredy clock, grading or hounds.</li> <li>the serve motor is some or evalve root, where sets is surfaces and valve root wave sets is surface and valve root, where sets is surface and valve root, grading or hounds.</li> <li>the serve motor motor is some or contact is not satisfactory. The serve motor is surfaces and valve root is not satisfactory. If them property. Use send paper or oil some to remove the scale from the valve body and set surfaces.</li> <li>(5) Use the vare bush of a do but to remove the scale from the valve body and set surfaces.</li> <li>(6) Thest the stright porter or cleaning. Ordinard film or rest. Use the vire hust to the protection and fit perts with fine on rest.</li> <li>(7) Use the vire hust to treat the freeded perts of the bolts and hult, and remove the scale.</li> <li>(8) Apply settare preventive agent to the sliding perts.</li> <li>(9) Confirm the taip marks and threeded perts.</li> <li>(10) Confirm the taip marks and threeded to be strained.</li> <li>(2) Confirm the taip marks and threeded to be and when the strained to be motored.</li> </ul>			. 0		diameters of the cylinder puston. Replace the pulloning
<ul> <li>the only barrel is found to be ercided, replace the valve red with a new one in principla. Remove each inside the busines of the oil barrel is found to be ercided, replace or boning.</li> <li>the serve motor</li> <li>the server</li> <li>the server</li> <li>the server</li> <li>the service</li> <lithe li="" service<=""> <li>the service</li> <li>the servi</li></lithe></ul>			- 14	adjust the runous or repair the valve. If the valverod	
Derivation         Answer         Reamove scale inside the building by fine envoy cloch, grading or homing.           If something by fine envoy cloch, grading or homing.         If something by fine envoy cloch, grading or homing.         (3)           If something by fine envoy cloch, grading or homing.         (3)         (4)         (4)           If something by fine envoy cloch, grading or homing.         (5)         (5)         (4)         (4)           pin joint         (5)         Use the view budy and meat surfaces.         (5)         (5)         (5)         (5)           of the lever limit         (3)         Use the view budy and buff to memore the scale from the valve choraing.         (6)         (7)           croses head and         (3)         Use the view bunds and buff to memore the scale from the valve choraing.         (6)           croses head and         (3)         Use the view bunds and buff to memore the scale from the valve choraing.         (7)           croses head and         (3)         Use the view bunds and thread of the valve choraing.         (7)           an implemented         (5)         Use the view bunds and thread of perts.         (8)           an implemented         (5)         Use the view bunds.         (7)         Replaint to the sight.         (8)           an implemented         (6)         Threat to the sof			Ģ	is found to be cruded, replace the valve rod with a	For the unit which has been used for a long time, confi
Durbing by fare errecy cloch, grading or horards.           Af the oil barrel         If somether are found on the vare bod, vare set           If the oil barrel         Surfaces and vare routh on the vare bod, vare set           If the serve mount         sand paper or oil some to remove the scale from the vare bod, vare bod, vare set           pin joint         Surfaces and vare routh sand buff to remove the scale from the vare body and seat surfaces.           of the lever limit         Surface the vare classree of classing.           of the lever limit         Surface the vare classree of classing.           of the lever limit         Surface the vare classree of the scale from the vare classree of the routh.           of the lever limit         Surface the vare classree of the scale from the vare classree of the routh.           of the lever limit         Surface the vare classree of the scale from the vare classree.           of the lever limit         Surface the vare classree of the scale from the vare classree.           of the lever limit         Surface the vare classree of the scale from the vare classree.           of the lever limit         Surface the vare classree of the scale from the vare classree.           dend burding         Surface the vare classree of the scale from the sclas from the scale from the scale from the scale from th		:			substances and damages. If faulty, provide fitting
up optimits       (2) If sourches are found on the value body, value seat       (5)         if the oil barrel       surfaces and value are found on the value body and answer and the serve monour said depert or oil some torrantore the scale from the value body and answer and buff to remove the scale from the value body and answer and buff to remove the scale from the value body and answer and buff to remove the scale from the value body and answer and buff to remove the scale from the value body and answer for cleaning.       (5)         pin joint       (3) Use the vire burst and buff to remove the scale from the value body and answer for cleaning.       (6)         croses head and       (3) Use the vire burst and buff to remove the scale from the value cleaner for cleaning.       (6)         croses head and       (3) Use the vire mark to remove the scale from the value cleaner for cleaning.       (6)         croses head and       (3) Use the vire mark to remove the scale from the value cleaner for cleaning.       (7)         as required.       (5) Use the vire prove crose agent to the sliding parts.       (7)         as of value ord       (7) Replace all construmbles with new once.       (7)         as of value ord       (7) Network of each part, clearent or and threaded parts of the keyle with and construme be keyle art tight.       (7)         as of value ord       (7) Replace art to the joint surfaces which muse be keyle art tight.       (7)       (7)         as of value ord       (7) Replace art to the joint surfaces which muse				buthing by fine enery cloth, grinding or honing.	treatment.
<ul> <li>If the oil berrol surfaces and valve not back sets surfaces. or their connect is not subjectory, fa them property. Use sentent property. Use server back and set surfaces.</li> <li>(3) Use the wire burst, and buff to remove the scale from the valve body and set surfaces.</li> <li>(3) Use the wire burst, and buff to remove the scale from the valve body and set surfaces.</li> <li>(5) Use the wire burst, and buff to remove the scale from the valve body and set surfaces.</li> <li>(5) Use the wire burst, and buff to remove the scale from the valve body and set surfaces.</li> <li>(5) Use the wire burst, and buff to remove the scale from the valve body and set surfaces.</li> <li>(6) Thest the valve casing, oxidized film or rest.</li> <li>(7) Use the wire burst for closming.</li> <li>(8) Apply settars preventive agent to the sliding parts. If parts with now ones.</li> <li>(9) Use the wire burst to the joint surfaces which muse be used bushing.</li> <li>(7) Replace all constrainables with now ones.</li> <li>(8) Apply settart to the joint surfaces which muse be used bushing.</li> <li>(9) Confirm the table maths and canoney ones.</li> <li>(10) Conduct tight.</li> <li>(10) Conduct them.</li> </ul>					(5) Replacement of the sheet packings for all the hydraulic et
<ul> <li>The servo mount</li> <li>The servo mount</li> <li>The servo mount</li> <li>and paper or ol some to remove the scale from the valve body and seast surfaces.</li> <li>(5) Use the wire brunk surfaces and buff to remove the scale from the valve body and surfaces.</li> <li>(5) Use the wire brunk surfaces and fit perts with fine or net.</li> <li>(5) Use the wire brunk surfaces and fit perts with fine or net.</li> <li>(6) Then the value cleaner for cleaning.</li> <li>(7) Use the wire brunk and further perts with fine or net.</li> <li>(8) Use the wire brunk and from and fit perts with fine or net.</li> <li>(9) Use the wire brunk and remove the scale from the bolts and but and fit perts.</li> <li>(9) Use the wire brunk and remove the scale.</li> <li>(9) Use the wire brunk and remove the scale.</li> <li>(9) Use the wire brunk and remove the scale.</li> <li>(9) Use the wire brunk and remove the scale.</li> <li>(10) Apply seizare preventive agent to the sliding perts.</li> <li>(10) Apply seizare to the joint surfaces which mus be kept air tight.</li> <li>(10) Conduct tight.</li> <li>(10) Conduct them.</li> <li>(10) Conduct them the clanmatore and curvature.</li> <li>(10) Conduct them.</li> </ul>				surface and valve rod back sent surfaces, or their	
<ul> <li>(be serve motor sum or armove the scale from the valve body and seat surfaces.</li> <li>(c) Use the view burds and burf to remove the scale from or net. Use the view tarks or disting, ordinard film or net. Use the view casing, ordinard film or net. Use the view casing, ordinard film or net. Use the view tarks or doming.</li> <li>(c) Use the wire bunds not example.</li> <li>(c) Use the wire bunds to treat the threaded perts of the bolts and hurd.</li> <li>(c) Use the wire bunds to treat the threaded perts of the bolts and hurd.</li> <li>(c) Use the wire bunds to treat the threaded perts of the bolts and hurd.</li> <li>(c) Use the wire bunds to treat the threaded perts of the bolts and hurd.</li> <li>(c) Use the wire bunds to treat to the stale.</li> <li>(c) Apply science preventive agent to the sliding perts.</li> <li>(d) Apply science perventive agent to the sliding perts.</li> <li>(e) Apply science perventive agent to the stale.</li> <li>(f) Replace all consumables with new ones.</li> <li>(f) Confirm the tait marks and tweended perts.</li> <li>(f) Confirm the tait warks and tweended perts.</li> <li>(f) Confirm the tait warks and the strainer, with the dimensions of each pert, claerance and the strainer, with must be bolts.</li> <li>(f) Confirm the tait warks and the strainer, with more the dimensions of each pert, claerance and curvature.</li> </ul>			•		decription, replace the parkings of the unit which I
<ul> <li>pin joint</li> <li>pin joint</li> <li>of the lever limit be write bruth and buff to remove the scale from inside the variant cleans for cleaning, origined film or rear. Use the variant cleans for cleaning, origined film or rear. Use the variant cleans for cleaning, origined film or rear.</li> <li>cross head and</li> <li>(3) Use the vire bruth and remove, in the threaded parts of the bolts and num, and remove, in the threaded parts of the bolts and num, and remove the scale.</li> <li>(5) Use the vire bruth and remove the strated parts of the bolts and num, and remove the scale.</li> <li>(5) Use the vire bruth, and remove the scale.</li> <li>(5) Use the vire bruth and remove the scale.</li> <li>(6) Apply seizare preventive agent to the sliding parts.</li> <li>(7) Replace all consumables with new ones.</li> <li>(8) Apply seizare preventive agent to the sliding parts.</li> <li>(9) Use the vire but and the scale.</li> <li>(9) Apply seizare preventive agent to the strate of the bolts and threaded parts.</li> <li>(10) Contact tight.</li> <li>(10) Contact tight.</li> <li>(10) Contact tight.</li> <li>(10) Contact them.</li> <li>(10) Contact the cast on the read on value.</li> <li>(10) Contact them.</li> <li>(10) Contact the strates on the strates.</li> <li>(10) Contact them.</li> </ul>			∽.	send paper or oil stone to remove the scale from the	for a long time.
<ul> <li>pin joint</li> <li>(3) Use the wire bruch and buff to monor the scale from inside the value casing, oxidized film or rat. Use the value cleaner for clouring.</li> <li>(4) Theat the value cleaner for clouring.</li> <li>(5) Use the wire bruch the transfer of the pers with fine energy, oil stone or exarpler.</li> <li>(5) Use the wire bruch and the transit the threaded pers of the bolts and nuts, and remove the scale.</li> <li>(6) Apply selects are tight portion and fit pers with fine energy, oil stone or exarpler.</li> <li>(7) Be the wire bruch and the transit to the sliding perts. Efforts, and threaded perts.</li> <li>(9) Apply selects to the joint surfaces which must be kept air tight.</li> <li>(10) Apply select to the joint surfaces which must be kept air tight.</li> <li>(10) Apply select to the joint surfaces which must be kept air tight.</li> <li>(10) Conduct tight.</li> <li>(10) Conduct tight.</li> <li>(10) Conduct tight denoming test of the strainer, whe monitoms of each measure of a start to the strainer, when the dimensions of each pert, clearning test of the strainer, when the monitom of an extent of the strainer of the strainer of the strainer.</li> </ul>			and pilot valve	-	
of the lever link from instate the value cashing, oxidized film or rust from instate the value cashing, oxidized film or rust to creat the value cashing, oxidized film or rust to creat the free with fine or last implemented to the the value cashing or the bolts and nurs, and remove the acid. (5) Use the wire meventive agent to the sliding parts, as required. (6) Apply sectare preventive agent to the sliding parts, as required. (7) Replace all constrandoles with new once. (7) Replace all constrandoles with nurs be used. (7) Replace all constrandoles with nurs be used threaded parts. (7) Replace all constrandoles with nurs be used to the sliding parts. (8) Apply sectare preventive agent to the sliding parts. (8) Apply sectare to the joint surfaces which mus be used to valve not the valve constraint to the joint surfaces which mus be used to constraints of each part, character and position, and constraints of each nurs and essenting test of the strainer, valve forming of each parts, and valve set of the strainer, valve forming of each parts and valve set of the strainer, valve forming of each measure the clarantos and curvature.		· · · · · · · · · · · · · · · · · · ·	~	-	
Use the vacuum clearant for clearung. These head and the set tight porton and fit perts with fine merety, oil some or scruper. (5) Use the vire bunch to treas the threaded perts of the boils and must and remove the sells. (6) Apply seitants provertive agent to the sliding perts. as required. (7) Replace all constitunables with new onea. (8) Apply seitant to the joint surfaces which muse be to and bushing (8) Apply sellant to the joint surfaces which muse be to valve not gain of high (9) Confirm the faity marks and assembly related (10) Confirm the taity in the stating to file strainer, valve for valve cover (10) Contact tight for valve set of and valve of a position, and dimensions of each pert, clearance and position, and record them. (10) Contact tight perturing test of the strainer, valve position.			- 94	from inside the value casing, oxidized film or nat	in the event of the second when you've prevent means, the
<ul> <li>cross head and</li> <li>(4) Theat the sit tight portion and fit perts with fine concry, oil stone or scraper.</li> <li>(5) Use the wire brank to treat the threaded perts of the bolts and must an dremove the active pert active perters are dremoved to be sliding perts.</li> <li>(5) Apply solution to the joint surfaces which must be kept air tight.</li> <li>(7) Replace all consumables with new once.</li> <li>(8) Apply scalar to the joint surfaces which must be kept air tight.</li> <li>(9) Confirm the taily marks and essembly related filts.</li> <li>(9) Confirm the taily marks and essembly related filts.</li> <li>(9) Confirm the taily marks and essembly related filts.</li> <li>(9) Confirm the taily marks and essembly related filts.</li> <li>(9) Confirm the taily marks and essembly related filts.</li> <li>(9) Confirm the taily marks and essembly related filts.</li> <li>(9) Confirm the taily marks and essembly related filts.</li> <li>(9) Confirm the taily marks and essembly related filts.</li> <li>(9) Confirm the taily marks and essembly related filts.</li> <li>(10) Contact liquid pencenting test of the strainer, when how on the measure of each pert, claerance and curvature.</li> </ul>	•		- 19	Use the vacuum cleaner for cleaning.	
<ul> <li>concery, oil stone or scruper.</li> <li>(5) Use the wire brush to treat the threaded parts of the bolts and nuts, and remove the scale.</li> <li>as required.</li> <li>(6) Apply science preventive agent to the sliding parts.</li> <li>(7) Replace all consumables with new once.</li> <li>(7) Replace all consumables with new once.</li> <li>(8) Apply scalar to the joint surfaces which mus be kept air tight.</li> <li>(9) Confirm the taily marks and assembly related fitting.</li> <li>(9) Confirm the taily marks and assembly related fitting.</li> <li>(9) Confirm the taily marks and assembly related fitting.</li> <li>(9) Confirm the taily marks and assembly related fitting.</li> <li>(9) Confirm the taily marks and assembly related fitting.</li> <li>(9) Confirm the taily marks and assembly related fitting.</li> <li>(9) Confirm the taily marks and assembly related fitting.</li> <li>(9) Confirm the taily marks and assembly related fitting.</li> <li>(10) Contact liquid penetrating test of the strainer, with measure position, and measure the claurance and curvature.</li> </ul>				-	
<ul> <li>(5) Use the wire brush to treat the threaded perts of the boits and nurs, and remove the scale.</li> <li>as required.</li> <li>(6) Apply setzure preventive agent to the sliding perts.</li> <li>(7) Replace all consumbles with new ones.</li> <li>(7) Replace all consumbles with new ones.</li> <li>(9) Apply setatar to the joint surfaces which must be kept air tight.</li> <li>(9) Confirm the taily marks and assembly related to the strainer, which must be used or valve cover (10) Contact light.</li> <li>(9) Contact them.</li> <li>(10) Apply setatar to the joint surfaces which must be kept air tight.</li> <li>(9) Confirm the taily marks and assembly related to the strainer, which must be body, where set and valve to the strainer, where does not be body, where set and valve to the strainer, where how and the measures the claurance and curvature.</li> </ul>					The vibration of the valve rod will be increased by
<ul> <li>Implemented</li> <li>Implemented</li> <li>Apply selector preventive agent to the sliding parts, as required.</li> <li>Apply selector preventive agent to the sliding parts.</li> <li>Replace all constantables with new ones.</li> <li>Replace all constantables with new ones.</li> <li>Replace all constantables with new ones.</li> <li>Apply sealart to the joint surfaces which must be kept air tight.</li> <li>Apply sealart to the joint surfaces which must be kept air tight.</li> <li>Apply sealart to the joint surfaces which must be kept air tight.</li> <li>Apply sealart to the joint surfaces which must be kept air tight.</li> <li>Apply sealart to the valve of a strainer, valve dimensions of each part, clearance and position, and record them.</li> <li>(10) Contact tight pencentaing tat of the strainer, valve nonsions of each must be strainer, valve body, valve set and valve tool as required, and measure the clearance and curvature.</li> </ul>			9		clearance with the valve rod. This will reault in cu
<ul> <li>t the importion items implemented</li> <li>(a) Apply seizure preventive agent to the sliding parts.</li> <li>(b) Apply seizure preventive agent to the sliding parts.</li> <li>(c) Apply seizure preventive agent to the sliding parts.</li> <li>(c) Replace all other and threaded perts.</li> <li>(c) Replace all consumbles with new once.</li> <li>(c) Apply sealart to the joint surfaces which must be kept surgight.</li> <li>(c) Confirm the tab. part, claerance and periton. and dimensions of each part, claerance and periton.</li> <li>(d) Conduct liquid penemating test of the strainer, valve body. valve seat, and valve root and an endured.</li> </ul>			2. Adjustment and assembly	÷.,	reduced efficiency. If the clearance with the valve ro
<ul> <li>diameternbling as required.</li> <li>disputs, air tight ring, and threeded perts.</li> <li>more, check the following:</li> <li>Replace all consumables with new ones.</li> <li>Replace all consumables with new ones.</li> <li>Apply scalar to the joint surfaces which must be kept air tight.</li> <li>Replace and elongation of high</li> <li>Confirm the taily marks and essembly related encode them.</li> <li>Confirm the taily marks and essembly related encode them.</li> <li>Confirm the taily marks and essembly related encode them.</li> <li>Confirm the taily marks and essembly related encode them.</li> <li>Confirm the tail part, clearance and position, and record them.</li> <li>Confirm the tail operation and encode them.</li> <li>Confirm the tail operation and encoded anount of the valve conta the body, valve stat, and valve rod as required, and measure the clearance and curvature.</li> </ul>			Repeat the inspection items implemented		or more, consider replacement of the valve rod burbin
<ul> <li>mone, chock the following:</li> <li>(7) Replace all consumables with new onea.</li> <li>(8) Apply sealarr to the joint surfaces which must be benear and hartheess of valve not kept ui tight.</li> <li>(9) Confirm the takiy marks and essembly related emperature boilt</li> <li>(9) Confirm the takiy marks and essembly related compression of pacting.</li> <li>(10) Conduct liquid pencemaing tast of the strainer, valve body, valve seat, and valve not an quirdel, and examples of each part, clearance and pencien, and record them.</li> <li>(10) Conduct liquid pencemaing tast of the strainer, valve body, valve seat, and valve not an quirdel, and measure the clearance and curvature.</li> </ul>			during dismonthing as required.		a) Chark if evering he been caused by the solid period
Carp between valve rod and bushing (v) properties and uncommuted with must be curvature and hardhores of valve rod high (v) Confirm the taky martes and essembly related to the pert, determines and position, and temperature bolt (v) Confirm the taky martes and essembly related for the taky martes and essembly related for the taky martes and essembly related here. (10) Conduct liquid penetrating test of the strainer, valve body, valve set and valve rod as required, and the relations of each pert, distrance and position, and the relations of each pert, distrance and position, and the relations of each pert, distrance and position, and the relations of each pert, distrance and position.			Furthermore, check the following		body souther of a first or an and the second s
Curvaure and hurthees of valve not (6) Apply scataar to the joint surfaces which mild be to be croted by solid particles. Faigue and slongation of high (9) Confirm the taily marks and assembly related and condition and conditionation of high (9) Confirm the tail and search part, clearance and essembly related anount of the valve cover (10) Conduct liquid penctaning test of the strainer, valve bet and valve rot as required, and (5) High cycle fungue and position, and (6) Yibration.	·	•	Ŷ	÷ -	b) Especially the auxiliary valve of the main steam stop
Faigue and alongation of high (9) Confirm the taily marks and assembly related to temperature bolt (7) Confirm the taily marks and assembly related (2) Confirmations of each part, chearance and position, and compression of pactures. (10) Conduct them, the strainer, valve body, valve each and valve rod as required, and measure the clearance and position, and curvature.			~		to be croted by solid particles. Check if crosion
engage and answerthy marks and assembly marks and assembly marks for temperature bolt dimensions of each part, charance and position, and dimensions of each part, charance and position, and Assembly related dimensions of each body. We optimize the formation of part, charance and position, and marker be clarance and position, and the part, charance and position.	•.				measures have been taken, and conduct precision inst
compression of part, clearance and position, and Compression of packungs Compression of packungs (10) Conduct liquid penemaing test of the strainer, v ave Assembly related dimensions of each body, valve seat and valve rod as required, and measure the clearance and curvature.					c) Check if erosion, crack and increase in clearance has
Compression of packings Tightened amount of the valve cover (10) Conduct liquid penetrating test of the strainer, valve Assembly related dimensions of each body, valve seat and valve rod as required, and part, clearance and position			3	dimensions of each part, clearance and position, and	the valve rod for the following reasons:
Tightmode amount of the valve cover (10) Conduct liquid penetrating test of the strainer, valve Assembly related dimensions of each body. valve seat and valve root as required, and part, clearance and position	1		<u> </u>	record them.	(a) Solid particle
Assembly related dimensions of each body. valve seat and valve rod as required, and part, clearance and position			۳.	(10) Conduct liquid penetrating test of the strainer, valve	(h) Vibration
part, clearance and position measure the clearance and curvature.				body, valve seat and valve tod as required, and	/v/ Utich and fritme
				measure the clearance and curvature.	(c) which cycles and as

d by expension in n curting loss and e rod is 0.2 to 0.5 abing. ariticle of the valve article of the valve article of the valve interpetion. ce has occurred to t in the factory or time, confirm the inner and outer armgif dortective. Lyuahing onfirm the foreign Kiting or similar aulic equipment e packing due to ich har been used anism is free of spoct it for each efects inside and perions must be or local repair. cycle fatigue, so a inspection. operations and stive devices. the every four to Si C

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Equipment	Extent of disassembly	Inspection item	Work procedure	Vertification
(Covernor,	1. In periodic inspection, inspect the	1. During disassembling, adjustment and	2	1. Operation items and cautions
topper,	govener link mechanism and	assembling	(1) Disassembling must be made to emable theorem of	(1) It is recommended to inspect the following every tour to edgin years.
presente .	for external emeasures and check the	[Covernor]		a) there are not used and the set of the for the for the foreign
governor and control related	operations of the energency governor	(1) Faigue, crack and deformation of the	(z) Curcuny circu us curately and presents of wear, deformation and seizure.	Substances and wear.
equipment)	and auxiliary oil pump.		(3) Put taly marks to the roomed positions before	c) Check the hydraulically operated equipment for wear.
	•	(2) Sindige and foreign substances in ou certifical terminer and role check		<ol> <li>Cerular change and orecision inspection.</li> </ol>
			adjustment will not be affected in assembling.	The units having been used for six to each years mug be subjected to
		(3) CARANAN AND WEAR ON LICE SMARLES	2. Adjustment and assembly	precision inspection for the following items:
		bushing and valve	(1) Wash the disessembled parts with decrement and	(1) Confirm the hydraulic pressure to check for such defects due to
		(4) Wear of levers, wear and burr of the		
			sponge to wipe off oil and sludge.	and reproducibility.
		the ballie	(2) Remove burns with oil stone. Do not round of the	(2) Disasemble such control governors as load limiter, governor,
		(5) Wear, deformation and damage of the		
		sprig and bearing	(3) Readjust the items having the wear and charance	shing pet, put, jorit modulium and uxed put lot even wy. Yeary in remost backlash was and meaning of shirten and foreign
 -	· ·	(6) Assumbly related dimensions of each		otherances in details.
•			(4) When opening, extreme care must be laten not to	(3) Dissemble the acro motor and pilot value, and check the pilot
		(1) Loosenod parts		
		[Emergency governor]	(5) Before reasonabling, caroning closin them so that	thrust motel, righting cam and guide of the high speed rotary unit for
•		clearance of the jumping faming tip	(c) DARCH UN LIF ARCHING GAMMIC AND	(4) Check for the backhash or adhesion caused by the wear and rust of the
•			ding to	ever und meannand. 20 August standards and a second for a second as have leaded fine for
۰.				(2) LIGH. ID SALUATION AND SALUATION AND AND AND AND AND AND AND AND AND AN
		, i	(7) Record all adjustments made since disastenbling.	terticular.
•		(4) Scratch and corros on of the shorth		(6) In the case of high pressure electrohydraulic governor, pay attention
			(3) For remembing, operate each of the rotary units	
	<u> </u>	(2) LOUGHER SIM WE share any any series of any of a	and shoung parts and make used used in 97 users, common oil. Make sure that the operation is smooth	-
			and cary.	
		Extraction messure sovenor!		
		(1) Wear and Incompany of the trin and set		
		SCIEW		
		(Z) Wear, bur and shiding of the piston		•
		OIL IOUND		
		(4) Foreign substances, deposits and		
		telated dimensions of each part,		
		clearance and position		
		(Control related devices)		
		(1) Wear and deformation of the		
		connection pin, bearing, ballie and		
		(2) Siding and wear of the serve motor		
		and pilot		
•		(3) Friction of levers and links		
		Loosened lever a		

		(36/49)
Romartos		
Work procedure		
Inspection item	<ul> <li>(5) Degeneration of rolling and seal practing.</li> <li>(6) Assembly related dimensions of each part, clearance and position.</li> <li>(7) Check the serve value for the annount of oil.</li> <li>(7) Check for dynamic and static characteristics.</li> <li>(8) Others are based on the above description.</li> </ul>	
Edent of disassembly		
Equipment		

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(4) OII bydra	Oil hydrautic system			
Equipment	Extent of discondly	Inspection item	Work procedure	An and a second s
R OF	1. Keepect the oli every one to two yours.	<ol> <li>Oil properties and deterioration.</li> <li>All oridization</li> <li>All oridization</li> <li>Dynamic viscosity</li> <li>Hue</li> <li>Others</li> </ol>	<ol> <li>Sampling of the oil must be made at one position in chronological order for the purpose of comparative study of the oil returned from bearing and that in the oil reservoir.</li> </ol>	<ol> <li>Operation items and caulous</li> <li>Die vessel in which oil it tundered must be carefully cleaned by (1) The vessel in which oil it tundered must be carefully cleaned by the common oil. When filling with oil, remove water and foreign substances by pussing it through oil purifier.</li> <li>(3) Since oil is decorbrated by long-time use, analyze the oil properties with the passage of time to determine the time for oil replantationen</li> </ol>
	1. In the improtions, remove oil and conduct inspection.	<ol> <li>During disassembling, adjustment and assembling</li> <li>Type and amount of the sediments at boutom</li> <li>Proding of internal pairting description and rust</li> <li>Loosened clamping bolt inside the Task</li> <li>Loosened clamping bolt inside the Task</li> <li>Loosened clamping bolt inside the fask</li> <li>Posting substances passing through the strainer, rust and damage</li> <li>Warpage and deformation of the on- off door for impection</li> <li>Out level gauge</li> <li>Air rightness in the Tank</li> </ol>	<ol> <li>Disasembling, adjuernent and assembling</li> <li>Drain and discard the contaminated oil remaining in the Tank bottom.</li> <li>When working inthe oil Thak, blow in compressed air hato the Tank to improve circulation of air. Enter the Tank barrefoot.</li> <li>To chean inside, impregnase deer skin or oil proof sponge with treated oil, and wipe inside the Tank all the way from and to and. Do not use rage.</li> <li>Apply the rat preventive paint again to the position in the oil Tank where rat preventive paint is pealed off or in rank. Dry it sufficiently.</li> <li>The strained oil, the compressed air to blow off the foreign substance.</li> <li>The strainet for earms air tightness of theon-off door of the Tank.</li> </ol>	and replacement. (3) The amount of oil to be replenished must be 5 percent or less. 2. Scoular change and precision inspection (1) Replace the deteriorated oil with new one. (2) Temporary install manometers on the bearing stand and oil Tenk, and confirm the negative pressure officet.
6. Oli coolee	1. In the inspections, open the oil cooker and inspect it.	<ol> <li>During disestembling, adjustment and streambling</li> <li>Water chamber</li> <li>Type and amount of contaminants, deposits and adhered substances</li> <li>Crack, corrosion and arberto</li> <li>Crack, corrosion and arberto</li> <li>Crack, or the dispiragen base</li> <li>Peeting of the inner wall conting</li> <li>Peeting of the inner wall conting</li> <li>Cooling small tubes and tube plats</li> <li>Type and amount of dogsing deposits and athered substances</li> <li>Peeting of the inner wall conting</li> <li>Proving small tubes and tube plats</li> <li>Type and amount of dogsing deposits and athered substances</li> <li>Proving small tubes and tube plats</li> </ol>		<ol> <li>Coperation items and cautions</li> <li>Whenever the coolant is considered to be leaking, impect for lookage.</li> <li>Secular change</li> <li>Secular change</li> <li>Conduct cody current impection of the cooling smalt tube to check for the degree of corrosion and reduced wall thickness. It is also necessary to predict the service life with consideration given to remaining performance allowance.</li> </ol>
÷ .		•	<ul> <li>(4) Replace the parcing with a now one.</li> <li>(5) After assembling, conduct water pressure or hydramic tast, and make sure that there is no leakage.</li> </ul>	

four to eight years, if there is no trouble during the operation. When cleaning the oil Tank, remove the suction strainer and check only Check the main oil pump, governor impeller, bushing and shaft for freezing and corrosion. Also check for clearance, If required, repair (1) Dissectible and import the main of pump and the paper fan in the periodic impection. Disassemble and inspect other pumps every In the periodic inspection, perform the following operation test galvanic corrosion is found out, take appropriate measures. b). Automatic startup test for emergency oil pump the inner and outer diamotors and replace parts. a) Automatic startup test for auxiliary oil pump. 2. Socular deterioration and reference cases Rotantes Operation items and cautions the number. ତ 8 8 contaminated and its mixed with looked water, so Wash the dirty bug with proper liquid and dry it Disasternble and replace the carridge filter which has reached the specified differential pressure. (1) Feed oil into the batch tank or drum can using the Replace the bag filter once in one or two years. After reassenting, be sure to turn it manually, and The oil left in the sedimentation chamber is much e Nor When removing the rotary parts, take care not to laking one not given dens, apply oil to the dimensionlood parts to prevent rust from growing. Cover them with vinyl to prevent dust from Use the fine file and somper to amouth the main shaft journal, mouth ring and bushing, and use Wash such parts as bearing, oil path and casing with Remove old sealing agent from the flange surface Check for tally marks, and amonthe the parts while allow excessive force to be applied to the bearing, Be sure to replace the consumables with new ones. peated oil, and clean them with compressed air. 1. During disassembling, adjustment and assembling Finish the casing joint surface with oil stone. anado A attaching to them, and keep them in store. Finish the bouring motal with the scruper. completely; then it can be used again, ŝ measuring clearance of each part. confirm that it is tree of troubles. Work procedure with the scraper and oil stone. 5 emery cloth to finish them. discard about 50 liters. mouth ring and busing. ų, 2. Adjustment and assembly Cach. mbling filter press. Disascenbling C) Check disasso 8 8 86 ÷ 6 ତ C £ 8 C ε C E. Ş Contamination of the filter bag and Contamination, deposits and adhered Dumage on the inner surface of the Ropest the inspection items implemented dumg disasanbing as required. (1) Clearance of the impeller, line and Case between the mouth ring and Contact, corrosión, erosión, wair and Friction of the mouth ring and Damage and wear of the gland (12) Contamination and clogging of the oil demage of the piston, cylinder and Gear pump tooth contact and wear, Deposits and adhered substances (10) Loosmons and fretting of fit parts 1. During disessenbling, adjustment crack of the impeller and runner (13) Calvanic corrosion of each part Clearance of labyrinth packing Deterioration of lubricating oil Shaft runout, friction and wear Furthermore, check the following: Loskage of lubricating oil Bearing contact and wear Inspection item Adjustment and assembly 1. During disassembling (11) Flange surface cartridge filter each chamber Shaft nurout substances Boaring gap Thruck gep (9) Coupling Contacting Ficpure Centering grintend bushing pecking casing Caning **Recentling** đ Z 8 6 ତ ତ 8 T e T જી જ 8 6 E \$ E 8 C ତ ε 6 1. Disassemble and inspect it once in one pump and its fam, and periodic inspection. Disassemble and inspect other pumps every four to eight years. 1. Disessenble and inspect the main oil Extent of disassembly KO LAND YANDA Equipment Hauzeur d. Oil pump name ർ

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			Completely reasonable the positions set up for fluching and the parts removed for fluching, and recover the original state. Make sure that they are ready for operation.	
(S) Condenser				
Equipment name	Extent of disassembly	Irrspection item	Work procedure	Romartis
4. Contrator suball	1. In the inspection, open and check the condenser shell.	<ol> <li>During disassembling</li> <li>Corroscon, deposits and adhered substances on the outer surfacers of the small condensor tube small condensor tube and the following possitionus;</li> <li>deformation, corroscon and crossion on the following possitionus;</li> <li>deformation, corroscon and crossion on the following possitionus;</li> <li>Stay nube</li> <li>Matter denting and adjustment</li> <li>Chucks of the shall plate, nube, duin intake neezelo stab onparaion your and stay instalation wolds, your</li> </ol>	<ol> <li>Corantion items and cautions</li> <li>Countermeasures againer onygen shortage         <ul> <li>Ventilation</li> <li>Ventilation</li> <li>Measure onygen concentration. (onygen abortage)</li> <li>Use of safety work light             <ul> <li>Use of allow work light</li> <li>Use of aborts cubic</li> <li>Use of aborts cable</li> <li>Use of aborts cable</li> <li>Use of aborts cable</li> <li>Use of aborts cable</li> <li>Use of cabitre cable</li> <li>Use of cabitre cable</li> <li>Take care not to durage the gasko.</li> <li>When cheming test care not to damage the inside.</li> <li>When cheming take care not to damage the inside.</li> <li>When cheming take care not to damage the inside.</li> <li>When cheming take care not to damage the inside.</li> <li>When cheming take care not to damage the inside.</li> <li>When cheming take care not to damage the inside.</li> <li>When cheming take care not to form deamage the inside.</li> <li>When reasembling canfirm that the inside care of form of foreign substances or things left babind.</li> <li>When reasembling confirm that the inserier is free of foreign substances or things left babind.</li> <li>When cheming.</li> <li>When reasembling confirm that the inserier is free of foreign substances or things left babind.</li> <li>When cheming.</li> <li>When reasembling confirm the take inserier is free of foreign substances or things left babind.</li> <li>When cheming.</li> <li>When reasembling confirm take the inserier is free of foreign substances or</li></ul></li></ul></li></ol>	<ol> <li>Operation items and cautions</li> <li>Conduct chemical analysis of dopeats and adhered substances if required, in order to pravide information of water treatment.</li> <li>To inspect the baffle plan, especially check the dain infer for erosion, and the air outlet for corrosion.</li> <li>Also check the piping such as the gland stearn tube insulted inside for corrosion and wear.</li> <li>Perform visual inspection and liquid penetrating test of threshell plate drain intake norzle sub.</li> <li>When the bdt type nubber expansion joint is used for five years or more, check for damage, about ten years. The previse life is conniected to be about ten years.</li> </ol>
		<ul> <li>corrotion and erosion</li> <li>(2) Demage of dmin irrate norzh sub structures</li> <li>(3) Loosened bolts for connection with intermediateshell</li> <li>(4) Durnago due to vibration of the condenser tube of the tube support plate</li> </ul>		
		<ul> <li>(3) Ammonia attack on the air cooling zone condenser tube</li> <li>(6) Etosion of the condenser tube due to dain inflow (drain from the boiler startup bypass system)</li> </ul>		

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				Remarks
Equipment	Extent of disassembly	Inspection item		
b. Water chamber and rubo place	1. In inspection, open the chamber for inspection.	<ol> <li>During disassembling</li> <li>Deposits and adhered substances in water chamber and mos plane</li> <li>Ather clearing and dojustment</li> <li>Pocking and damage of the mat</li> <li>preventive coating and liming</li> <li>Corrosion of the disphragm</li> </ol>	<ol> <li>Operation items and cautions</li> <li>See the description of the condenser and condenser shell. (It is slippery inside the water chamber, so build a scaffold or take other safety measures.)</li> <li>Opening the cover of the water chamber</li> <li>Make sure that the water chamber contains no water.</li> <li>Take care not to damage the cover gashet surfaces</li> </ol>	<ol> <li>Operation items and cautions         <ol> <li>To clean inside the water chamber, take care not to damage the liming.</li> <li>Inspect corresion and arosion on the tube plate on the inner surface of the water chamber and tube end (galvanic attack on the titalium undo inserted position).</li> <li>When sea water is used, open and inspect them according to periodic inspection.</li> </ol> </li> </ol>
		<ul> <li>(3) Wear of the corros on plats</li> <li>(4) Defects of carbodic protection equipment</li> <li>a) Carbodic protection electrode</li> <li>b) Segregation by overcurrent</li> <li>c) Insulation resistance</li> <li>(5) Defects of tube plate installation bolts</li> </ul>	<ol> <li>Clearing and adjustment</li> <li>Use a bruth to remove rust, deposits and adhered substances from the water chamber and tube plate, and use water to water them.</li> <li>When clearing, take care not to damage the metal surface and liming.</li> <li>To put on the cover, tighten it uniformly to prevent uneven tightening.</li> </ol>	
L. Condensee	<ol> <li>I.In the imprecient, open the water chember and check the condensor toke. Perform the following test as required:         <ol> <li>Condenser tube leakage test</li> <li>Siddy current inspection of the condenser tube</li> </ol> </li> </ol>	<ol> <li>During disessembling</li> <li>Defect of the tube and</li> <li>Foreign substances deposits and experting substances on the tube immer surface</li> <li>After cheming and adjustment</li> <li>Corrosion, and crosion on the tube immer surface</li> <li>Defect of the tube expansions</li> <li>Defect of the stoppor</li> <li>Full the shell side with water and check for leaking.</li> </ol>	<ol> <li>Cleaning and adjustment.</li> <li>Take care not to damage the presentive film of the aluminum plumb take.</li> <li>Use the nylon and bats rubber to chast the tube irrer surface with compressed as and pressurface water.</li> <li>Check the number of the branches before and after chaming, and make sure there is no brush left behind inside the tube.</li> </ol>	<ol> <li>Coperation litens and cautions.</li> <li>Sample the test tube according to the conditions, and check for convenient.</li> <li>Inspection records are used as reference for observation of the secular change, and to provide a guide for repair and molification.</li> <li>If required, conduct eddy current inspection to check for deposit and infet atmck.</li> <li>If the atmck.</li> <li>If the atmck conduct eddy current inspection to check for deposit and infet atmck.</li> <li>When set atmost in the second to 1/2 or the veriation equivalent to 1/2 of the will be tube with a now one.</li> <li>When set water is used, it is recommended to inspection, conding to periodic inspection.</li> </ol>
d. Condenser cleaning equipment	1. Open the condenser cleaning equipment in inspections.	<ol> <li>During disassembling</li> <li>Brush clearing</li> <li>Durage of the basket</li> <li>Wear of the cleaning brush</li> <li>Wear of the cleaning brush</li> <li>Ball collocut</li> <li>Ball collocut</li> <li>Vulve related to the collocut</li> <li>Vulve related to the collocut</li> <li>Vulve related to the collocut</li> <li>Durage if provided with rust</li> <li>preventive treatment</li> </ol>	<ol> <li>Coperation items and cautions</li> <li>In the case of bruth clearing, see the description of the water chamber and tube plats.</li> <li>In the case of ball clearing.</li> <li>See the description of the water chamber and tube plats.</li> <li>Repair and clearing.</li> <li>Repair and clearing.</li> </ol>	<ol> <li>Corntion items and cautions         <ol> <li>When see water is used in ball cleaning mothod:</li> <li>When see water is used in ball cleaning mothod:                 <ul></ul></li></ol></li></ol>

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(6) Heat exchanger attached to the steam turbine

Extent of classenity         Improvementative         Improvementative         Improvementative           1. In improvementative         1. Demander and the state of t	Extent of diamentity         Impociant ad afford arbitration into continue, and other flow adjusting cylinder         1. Operation of admitting cylinder           1.1.h. inspection, open the water         1. Demage common and control advices finder         1. Common orantime roles and additional advices finder         1. Common continuer roles an equind.         1. Common orantime roles and advices find and continuer roles an equind.         1. After continuer roles an equind.         2. After continuer roles an equind.         2. Class continuer roles are role and continuer continuer continuer roles are role are classifier from the classifier control and continuer continuer continuer roles are role are classifier roles prime areflow and classifier control and continuer areflow continuer roles are role continuer roles continuer roles are role continuer are continuer roles are role continuer are continuer are continuer are continuer and continuer continuer are continuer are continuer are continuer are continuer are role continuer are continuer are continuer are continuer are continuer are continuer are continuer are continuer are role continuer are continuer are role continuer are continuer are role continuer are continuer are role continuer are continuer are contioner are continuer are continuer are contioner are area	•				s	-
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<ul> <li>and contract the will be a single optimized of a single o</li></ul>	<ul> <li>container au weit ar die stradi</li> <li>container auf version.</li> <li>container au</li></ul>		chamber, and check inside the				
<ol> <li>Distortention and reaction and</li></ol>	<ul> <li>C. Discoloration and characteristic and learning and adjustment</li> <li>C. After clearning and adjustment</li> <li>C. After clearning and adjustment</li> <li>C. Consider and creation in the water (amble and creation in the water clamber wolds of mediaterial control of the statement in the water clamber wolds (b)</li> <li>C. Checks of radius matchined parts in the water clamber wolds (b)</li> <li>C. Checks of radius matchined parts in the water clamber wolds (b)</li> <li>C. Checks of radius matchined parts in the water clamber wolds (b)</li> <li>C. Checks of radius matchined parts in the water clamber wolds (b)</li> <li>C. Checks of radius matchined parts in the water clamber wolds (b)</li> <li>C. Checks of radius matchined parts in the water clamber wolds (c)</li> <li>C. Checks of the tube plane artface and (c)</li> <li>The stopper</li> <li>C. Checks of the tube plane artface and (c)</li> <li>The stopper</li> <li>C. Checks of the halver (b)</li> <li>C. Dinage of the halver (b)</li> <li>C. Dinage of the halver (b)</li> <li>C. Dinage of the halver (b)</li> <li>C. Checks of the halver (b)</li> <li>C. Dinage of the halver (b)</li> <li>C. Checks of matching and water (b)</li> <li>C. Checks of matching and water (b)</li> <li>C. Dinage of the halver (b)</li> <li>C. Checks of matching and water (b)</li> <li>C. Checks of the halver (c)</li> <li>C. Checks of the halver (c)</li> <li>C. Distage of the halver (c)</li> <li>C. Checks of the halver</li></ul>		Chamber as well as the small			Ind rarous during perious inspection, where up when many in a fee thanked and make much free is leakage inside.	
<ol> <li>Damaga, corrent and device from the bit were channed events, in the were</li></ol>	<ul> <li>(3) Durage, corrected nat deresion.</li> <li>(3) Lorange, corrected bols, and journer.</li> <li>(3) Lorange and adjustment</li> <li>(4) Corrected nat deresion in the water chamber of the humo.</li> <li>(5) Lorange of the tube plans surface and (1) the humo.</li> <li>(6) Durage of the haler tube plans surface and (1) the humo.</li> <li>(7) Lorange caused by steam chain of humo.</li> <li>(8) Durage of the haler tube plans surface and (1) the humo.</li> <li>(9) Durage of the haler tube plans surface and (1) the humo.</li> <li>(9) Durage of the haler tube plans surface and (1) the humo.</li> <li>(9) Durage of the haler tube plans surface and (1) the humo.</li> <li>(9) Durage of the haler tube plans surface and (1) the humo.</li> <li>(9) Durage of the haler tube plans surface.</li> <li>(1) Comparison of the haler tube plans surface.</li> <li>(1) Durage of the haler tube plans surface.</li> <li>(1) Durage of the haler tube plans surface.</li> <li>(1) Durage of the haler tube plans surface.</li> <li>(2) Durage of the haler tube plans surface.</li> <li>(3) The support.</li> <li>(4) Durage of the haler tube plans surface.</li> <li>(5) Durage of the haler tube plans surface.</li> <li>(6) Durage of the haler tube plans surface.</li> <li>(7) Durage of the haler tube plans surface.</li> <li>(8) Durage of the haler tube plans surface.</li> <li>(9) Contraction and tube tube supports.</li> <li>(1) Contraction and tube tube tube supports.</li> <li>(2) Constant hydramic cart to confirm the function of the notion inside.</li> <li>(3) Constant and tube supports.</li> <li>(4) Durage of the onderest tube plans and water tube plans tube tube tube tube supplements.</li> <li>(5) Durage of the onderest tube tube tube tube tube tube tube tub</li></ul>		feed water ride as recuired.				
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<ul> <li>(a) Damage of the table plane arefice and (b) Roord the position where the subper fait table is unbeared.</li> <li>(b) Damage of the baser table outer board by steam chain of hardfall inside.</li> <li>(c) Damage of the baser table outer board</li> <li>(c) Damage of the baser table powerine table outer board</li> <li>(c) Damage of the baser table powerine table of the baser table powerine table powerine table of the baser table powerine table p</li></ul>	<ul> <li>(e) Damage of the tubo plane surface and ubbe each</li> <li>(f) Tube supper</li> <li>(f) Damage of the heater tube protection of the heater tube protection in the matrix groundmater tube outer surface.</li> <li>(f) Damage of the heater tube protection of the heater tube protection of the matrix groundmater tube outer surface.</li> <li>(h) Damage cused by strummata struck (tow pressure food water basic).</li> <li>(h) Damage of the heater tube protection of the matrix groundmater tube outer struckes.</li> <li>(h) Conduct hydraulic tar to confirm that tubers.</li> <li>(h) Conduct hydraulic tar to confirm that tubers.</li> <li>(h) Conduct substruct.</li> <li>(h) Conduct and creation of the module (h) voltable.</li> <li>(h) Control and and water chamber (h) the tube supremines.</li> <li>(h) Control and and substruct.</li> <li>(h) Control and and substruct.</li> <li>(h) Control and and support.</li> <li>(h) Control and and and and and and and and and and</li></ul>					increased differential pressure on the feed water side.	
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7. After seven bing     3. After seven bing       1. I. Improt     1. I. Improt       1. I. Improt     1. During disasembling       1. During disasembling     1. Comming and adjuument       2. Deposity     2. During the small tube.       3. Decks the tabeplate and water chamber     1. Une new yree brank to clean inside the small tube.       3. Decks the tabeplate and water chamber     1. Denorge or wire brunk to clean inside the small tube.       3. After decomption and rated.     1. Une nearger or wire brunk to farsh the joint for stord.       3. After assembling     1. Denorge of the condense and creation inside the small tube.       3. After assembling     1. Denorge of the condense and creation inside the small tube.       3. After assembling     1. Denorge of the condense and creation inside the small tube.       3. After assembling     1. Denorge of the condense and creation inside the small tube and valves on the values of the condense tube for states.       3. After assembling     1. Denorge of the condense tube for states.       3. After assembling     1. Denorge or the thore is no beause.       3. After as	pressure food water board)       3. After sevenbling       1. Conduct hydramike cast to confirm that there is no leakage.       1. Linspect the air ejector every four       1. During dissaembling       1. During dissaembling       1. During dissaembling       1. Connosion and crosion of the nearbe       (i) Connosion and crosion of the nearbe       (ii) Connosion and crosion and crosion of the nearbe       (iii) Connosion and crosion and crucion       (iii) Connosion and crucion       (iii) Constant and crucion       (iii) Constant and crucion       (iii) Foreign subsentoes and crucion       (iii) Congoing and diamage of the strainet       (iii) Conduct hydrauliic presenter       (iii) Conduct hydrauliic prestrainet       (iiii) Conduct hydrauliic pre						
<ol> <li>After essentibility</li> <li>Constant hydramide tat to confirm that         <ul> <li>(1) Constant hydramide tat to confirm that                 <ul></ul></li></ul></li></ol>	3. After sesentibility     3. After sesentibility       (1) Conduct hydramize test to conferm that there is no leakage.     1. Clear (1) Convestor and eresion of the nearls       (2) Deposity addition     (1) Convestor and eresion of the nearls       (3) Generation and rust     (3) Generation and rust       (4) Convestor and eresion of the nearls     (3) diffuser       (5) Convestor and eresion of the nearls     (3) diffuser       (5) Check the tube plate and water chamber     (5) the convestor and created.       (5) Check the tube optate and created.     (5) the tube optate and created.       (6) Check the tube comparison     (5) Check the tube comparison       (7) Foreign subsences and created.     (5)       (7) Proving as the stated damage of the strainet     (5)       (6) Dumage of the tube comparison     (7)       (7) Congesting and damage of the strainet     (6)       (7) Cogging and damage of the strainet     (7)       (8) Dumage of the tube comparison     (7)       (9) Checker of the condenter tube by     (8)       (1) Conduct by the strainet     (9)       (1) Conduct by the tube is the tube of the tube of the strainet     (9)	 -		prosure food water heater)			
(1) Conduct hydrautic tar to canferr the bare is no leakage.     (1) Contract hydrautic tar to canferr the tar bare of all assembling     1. Cheming and adjustment.     (1) Connection and rest of the more of close trained the small tube.     (1) Connection and rest of the more of adjustment.     (1) Connection and rest of the more of adjustment.     (1) Connection and rest of the more of adjustment.     (1) Connection and rest of the more of adjustment.     (1) Connection and rest of the more of adjustment.     (1) Connection and rest of the more of adjustment.     (1) Connection and rest of the more of adjustment.     (2) Use the small tube order and rest of the more of adjustment.     (2) Connection and rest of the more of adjustment.     (2) Connection and rest of the more of adjustment.     (2) Connection and rest of the more of adjustment.     (2) Connection and rest of the more of adjustment.     (2) Connection and rest of the more of adjustment.     (3) Connection and rest of the more of adjustment.     (3) Connection and rest of the more of adjustment.     (3) Connection and rest of the more of adjustment.     (3) Connection and rest of the more of adjustment.     (3) Connection and rest of the more of adjustment.     (3) Connection and rest of the more of adjustment.     (3) Connection and rest of the more of adjustment.     (4) Connection and rest of the more of the more of adjustment.     (4) Connection and rest of the more of adjustment.     (4) Connection and rest of the more of the more of the more of adjustment.     (4) Conference of the more of the mor	(1) Conduct hydramic test to confirm that there is no leakage.         1.1. Improve the air ejector every four       1. During dissaembling       1. Clear (1) Convestor and erosion of the nearly (1) diffuser         (2) Deposition and rust       (2) Deposition and rust       (3)         (3) Check the tube plate and water chamber (2) Check the tube plate and water chamber (3) Check the tube plate and water chamber (4)       (3)         (3) Check the tube optate and created (3) Check the tube optate and created (3) Check of the tube optate and created (3) Check of the tube conformation (3) Checking a subsences and erosion inside (3) Checking a subsences and erosion inside (3) Checking a subsences and created (4)       (5)         (3) Checking a subsences and created (4) Demage of the tube conformer (5) Checking a subsences (6) Demage of the tube conformer (7)       (5)         (3) After essentibiling (4) Creates of the tube conformer (5) Checking of the conformer tube by emmonia attack       (7)         (3) After essentibiling (4) Creates of the tube conformer tube by emmonia attack       (7)         (3) After essentibiling (4) Creates of the tube conformer tube by emmonia attack       (7)         (4) Pressure to make sure that there is no       (7)         (5) Pressure to make sure that there is no       (7)         (4) Pressure to make sure that there is no       (7)			3. After essenbling	-		
Obsension     Lotening and adjustment.     L. Cheming and adjustment.     L. Operation and errors of the nocale diffuser.     L. Operation and errors of adjustment.     L. Operation and errors of the nocale diffuser.     L. Operation and errors of the nocal diffuser. <thl. and="" diffuser.<="" errors="" nocal="" of="" operation="" th="" the=""> <th< th=""><th>1.1. Inspect the sir ejector every four     1. During disassembling     1. Clear       yvers.     (1) Convestor and arcsion of the norde     (1)       yvers.     (1) Convestor and arcsion of the norde     (2)       yvers.     (2) Deposity, softened subtraction     (3)       diffuse     (3) Check the tube plate and water chamber     (5)       (3) Check the tube plate and water chamber     (5)       (4) Convestor and diffuser     (5)       (5) Check the tube plate and water chamber     (5)       (6) Check the tube optate and crecks.     (5)       (7) Foreign subsences and creation inside     (6)       (7) Cogging and diamage of the tube comparitons     (7)       (3) Check of the tube comparitons     (7)       (4) Check of the tube comparitons     (7)       (5) Check of the tube comparitons     (7)       (6) Dumage of the tube comparitons     (7)       (7) After essentibility     (8)       (8) Dumage of the tube compariting&lt;</th><th></th><th></th><th></th><th></th><th></th><th>-</th></th<></thl.>	1.1. Inspect the sir ejector every four     1. During disassembling     1. Clear       yvers.     (1) Convestor and arcsion of the norde     (1)       yvers.     (1) Convestor and arcsion of the norde     (2)       yvers.     (2) Deposity, softened subtraction     (3)       diffuse     (3) Check the tube plate and water chamber     (5)       (3) Check the tube plate and water chamber     (5)       (4) Convestor and diffuser     (5)       (5) Check the tube plate and water chamber     (5)       (6) Check the tube optate and crecks.     (5)       (7) Foreign subsences and creation inside     (6)       (7) Cogging and diamage of the tube comparitons     (7)       (3) Check of the tube comparitons     (7)       (4) Check of the tube comparitons     (7)       (5) Check of the tube comparitons     (7)       (6) Dumage of the tube comparitons     (7)       (7) After essentibility     (8)       (8) Dumage of the tube compariting<						-
1. Inspect the ser ejector every four     1. Dening disasembling     1. Cheming and adjustment     1. Operation and services of the needed diffuser.     10 Operation and services of the needed attract.     10 Conversion and sever chamber diffuser.     10 Conversion and sever chamber and sever chamber diffuser.     10 Conversion and sever chamber and sever chamber and several unbe.     10 Conversion and severation severation severation and severation severation and severation severation and severation severation and severa	1.1.Inspect the air ejector every four       1. During disassembling       1. Clear         ywars.       (1) Curosion and erosion of the nonzie (1)         ywars.       (1) Curosion and erosion of the nonzie (2)         (2) Deposit, address allored autosences (3)         (2) Deposit, address address (3)         (2) Deposit, address address (3)         (3) Check the tube plate and water chamber         (5) Check the tube plate and water chamber         (6)         (7) Provign subsentees and created.         (8)         (9)         (1) Provign subsentees and created.         (2) Clogging and damage of the article         (3) Clogging and damage of the article         (4) Defense of the tube combiner         (5) Provign subsentees and created         (6) Dimage of the tube combiner         (7) Clogging and damage of the article         (8) Dimage of the condenser tube by (6)         (9) After assembling         (1) After assembling         (1) After assembling         (1) After assembling         (2) Clogging and damage of the article         (3) Clogging and damage of the article         (4) After assembling         (5) Clogging and damage of the article         (6) Dintage and the condenter tube by (7)						Т
<ul> <li>Yvers.</li> <li>(1) Convoident and erretion of the nozels diffuser.</li> <li>(2) Deposeits, adhered, subfarred, diffuser.</li> <li>(3) Deposeits, adhered, subfarred, subfarred, discoloration and rust.</li> <li>(3) Deposeits, adhered, subfarred, discoloration and rust.</li> <li>(3) Check the tubby plate and water chamber from the samily tube outer strates with water as required.</li> <li>(3) Check the tubby plate and water chamber from the samily tube outer strates with water as required.</li> <li>(4) Not to a server or wine bunch to finish the joint for compering and damage of the strates.</li> <li>(5) Use the strates and erretion inside the samily tube outer strates with water as required.</li> <li>(5) There champered and adjustment.</li> <li>(6) The soft copper wine to fraigh the joint to fourter the strates of the strates.</li> <li>(7) Use the strates of the strates.</li> <li>(8) Use the strates of the strates.</li> <li>(9) Use the strates of the strates.</li> <li>(10) Chonging and damage of the strates.</li> <li>(11) Chonging and damage of the strates.</li> <li>(2) Use the strates.</li> <li>(3) Use the strates.</li> <li>(4) Use the strates.</li> <li>(5) Use the strates of the strates.</li> <li>(6) Use the strates.</li> <li>(7) Use the strates of the strates.</li> <li>(8) Apply pressure to the strates.</li> <li>(9) Apply pressure to chart. For leakage.</li> <li>(10) Conduct the strates.</li> <li>(2) Apply pressure to chart. For leakage.</li> </ul>	<ul> <li>yvers.</li> <li>(1) Convoid and arceion of the nearls (1) diffuser</li> <li>(2) Deposits, adhened subtractors (2) diffuser</li> <li>(3) Deposits, adhened subtractors (3) disconting and adjustment</li> <li>(5) Check the tube plate and water chamber (5) for correction, errorism and cracks.</li> <li>(5) Check the tube organisment</li> <li>(6) There are and adjustment</li> <li>(7) Torrign subsences and creation inside</li> <li>(8) Check of the tube committee</li> <li>(9) Check of the tube committee</li> <li>(10) Check of the tube committee</li> <li>(11) Check of the condenter tube by entropies and damage of the condenter tube by entropies and damage of the condenter tube by (6) benause of the condenter tube by (6) benause of the tube condenter tube by (6) benause to tube our that there is no the tuber is no the tube is no the tuber is no tube is no t</li></ul>	b. Air ojector	1. Inspect the air ejector overy four	1. During disassembling	1. Cleming and adjustment.	1. Operation items and cautions	
<ul> <li>diffuser</li> <li>(2) Deposits adhered rube and rust</li> <li>(3) Check the the sylon brush to clean inside the small tube.</li> <li>(4) Check the tube plate and water chamber for correction and rust</li> <li>(5) Check the tube plate and water chamber for correction and rust</li> <li>(6) Check the tube plate and water chamber for correction and rust</li> <li>(7) Use the small tube outer surface with water as required.</li> <li>(8) Use the sylon brush to clean inside the small tube.</li> <li>(9) Check the tube plate and water chamber for correction and rust</li> <li>(1) Foreign subtaneer</li> <li>(2) Defects of the tube expansions</li> <li>(3) Congeting and dumage of the arction inside the and tube.</li> <li>(4) Use to the condenaer tube by the statement of the presume to make sure to make su</li></ul>	<ul> <li>(iffluer</li> <li>(2) Deposity adhened aubrences</li> <li>(3) Check the tubo plate and water chamber for correction, eroston and cractes</li> <li>(5) Check the tubo plate and water chamber for correction, eroston and cractes</li> <li>(5) Check the tubo plate and water chamber</li> <li>(5) Rowing and adjustment</li> <li>(5) Defects of the tube expansions</li> <li>(5) Cogging and damage of the arbitration</li> <li>(6) Damage of the orther rube by error that there is no endored the arbitration</li> <li>(7) Conduct hydraulic presenter rube by error that there is no</li> </ul>		yours.	(1) Corroscon and encion of the norrite	(1) Use enery cloth to treat the norrise diffuser.		
<ul> <li>substances</li> <li>(3) Use the myter bruch to clearn inside the small tube.</li> <li>(4) Flush the small tube outer surface with water as required.</li> <li>(5) Use the screper or wire bruch to finish the joint strated.</li> <li>(5) Use soft copper wire to more the foreign substances clogged in the north.</li> <li>(5) Use soft copper wire to more the foreign substances clogged in the north.</li> <li>(5) Use soft copper wire to more the foreign substances clogged in the north.</li> <li>(6) Use soft copper wire to more the foreign substances clogged in the north.</li> <li>(7) Using hytemute presents or pneumatic presents, check the small tube and valves on the vacuum side for leakage.</li> <li>(8) Apply presents to either the inter-cooler or after to check for leakage.</li> </ul>	autor chamber () mater chamber () cracio. ()		•				
<ul> <li>(a) Our use synth state and all table outer surface with water as a reactor.</li> <li>(b) Fluch the small table outer surface with water as required.</li> <li>(c) Uae soft copper wire to man to finish the joint surface. Note the service of the notation inside a substances dogged in the notation.</li> <li>(b) Use soft copper wire to monore the foreign substances dogged in the notation.</li> <li>(c) Use soft copper wire to monore the foreign substances dogged in the notation.</li> <li>(d) Use soft copper wire to monore the foreign substances dogged in the notation.</li> <li>(e) Use soft copper wire to monore the foreign substance.</li> <li>(f) Using hytemultic presente or the vacuum side for features.</li> <li>(f) Using hytemultic presente or the vacuum side for features.</li> <li>(f) Using hytemultic presente or the vacuum side for features.</li> <li>(f) Using hytemultic presente or the vacuum side for features.</li> </ul>	ander Chamhber (1) arracion inside (6) arracion inside (6) hons arrainet be arrainet ter rube by (8) ar there is no			Derreite afferrei		(2) Take care not to damage the norzde inner surface.	
<ul> <li>Anter chamber anter chamber creation.</li> <li>(5) Uno rio acreper or wire brunt to finish the joint arrandom inside</li> <li>(5) Uno rio acreper or wire to man to fortigh arrandom for a soft copper wire to romore the foreign abbrances clogged in the norzhe.</li> <li>(6) Use soft copper wire to romore the foreign abbrances clogged in the norzhe.</li> <li>(7) Using hytemulte presente or presented.</li> <li>(8) Apply presente to either the inter-cooler or after- cooler to check for leakage.</li> <li>(9) Apply presente to either the inter-cooler or after- cooler to check for leakage.</li> </ul>	autor Chamboer (1) creation inside (1) brans (1) he atrainet (1) he atrainet (1) he atrainet (1) he to by (3) ter to be by (3)	·		discoloration and rust		(3) Inspect the northe diffuser for wear, and the northe mount for	
<ul> <li>creation</li> <li>(5) Use the acrepter or wire brunk to finish the joint surface. Not the array wire to remove the foreign surface. Not export wire to remove the foreign substances clogged in the norzhe.</li> <li>(6) Use soft copper wire to remove the foreign substances clogged in the norzhe.</li> <li>(7) Using hytemulte presente or presumatic presente, check the small tube and valves on the vacuum side for leakage.</li> <li>(8) Apply presente to check for leakage.</li> <li>(9) Apply presente to check for leakage.</li> </ul>	cracion inside (5) arceion inside (5) hearminet (7) hearminet (7) hearmi			Check the tube plats			
accesion inside doma to accasion the actuality of the by (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	erceion inside () doma () A architet Lear rube by () eor presumatic			for corrosion, erosion	1	(4) Check the valves for leakage every four to six years.	
erceion inside (%) doma to activitier ter rube by er rube by %) %) %)	erceion inside (*) bons (*) A strainet Lear rube by (*) eor preumatic			2. After cleming and adjustment			
a tube expressions (damage of the strainet the concorner rube by the strainic pressure or pneumatic mailic pressure or pneumatic union arrow that there is no	a tube expressions (damage of the architect the concorner robe by cit. add. (be concorner robe by add. (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c			(7) Foreign substances and ereson inside		-	
a tube expressions (durange of the strainet the concorner rube by the subic pressure or pneumatic mailic pressure or pneumatic	(durange of the activities (durange of the activities by the concernent rube by (a) act activities the transition of the there is no basic sure that there is no basic sure that there is no			the tube		-	•••
(damage of the atrainet the concorner rube by ctr addr multic pressure or pneumatic nadic pressure or pneumatic	(durange of the atrainet the contorner rube by ctr ratic preserve or proumatic nake sure that there is no nake sure that there is no			(2) Defects of the tube apparators			
the contenuer rube by (3) act multic presence or pneumatic union that there is no	the contenuer rube by (8) add mailic preserve or preumatic bake sure that there is no						
ick (3) saulic presente or preum acio Daito surre that there is no	icit raulic preseure or preumatic bake sure that there is no	· .		Dumage of the			
raulic pressure or pneumatic Dake sure that there is no	raulic pressure or preumatic Dates sure that there is no	- <u></u>		emmonia attack			
(1) Conduct hydraulic pressure or presumatic pressure to make sure that there is no leafage.	(1). Conduct hydraulic pressure or pneumatic pressure to make sure that there is no loatage.		•	3. After assembling			
the second se	the state of the state of the state of the state of make state the three is not state three is not state of the state of			(1) Conduct hydraulic pressure or pneumatic			
			and the second secon	presure to make sure that there is no	· · ·		
			a survey and the second se				

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Equipment	Exumit of disassembly	Inspection item	Work procedure	
c. Gland	1. Inspect the gland steam condenset	1. After disassembling	1. Operation items and cautions	8
Steam	every two to four years.	(1) Deposits and adhered substances in	(1) Completely remove dain before disastembling.	(1) When the turbute is and down, check the contents is pressure wave if there is any leakage.
condenser		the cooling	(Marke size first in scaling)	(2) If there is no contamination, part of the work may be omitted.
(a) Main		(2) UNITAGO ANG IGHEAGO IN LILVO AVVANDEINTE	2. Open the water chamber cover.	
(poo		m) Patrice of the common value and and	3. Ropar and cleaning	
 		guide of the bypeus vi	(1) After water Dushing, jet cleaning and burshing.	(4) Check the bypass valves by liquid penetrating test.
-			degree of contamination.	
		(4) Corroson and crossion of the small	(2) When wining, do not use the cloth which is likely to	
	· · · · · · · · · · · · · · · · · · ·	cooling rube		· · · · · · · · · · · · · · · · · · ·
			(3) In the case of hydraulic pressure, gradually increase	
	· ·	(1) Conduct hydraulic test to make sure	the pressure to the specified value and hold if for the	-
		that there is no leakage.	spacified time.	
			(4) Roplace gaskets with new ones.	
			(5) Make sure there is no foreign substance of office	
	The state was been as a second as	1 After disessenting	1. Operation items and cautions	
	A HARD THE SAME SAME WANTED		(1) When disasembling the rulary parts, take care not	
exhauster				
		(2) CORECT WORL, STORIOR ALM CRAIN VI		
		To the Advisor of the Advisor		
			(1) Use the state paper, treated on and tags to used	
-				
		(5) Demage on the inner surface of the	(2) Keylace the detective bearings according to the interaction result.	
		Sures .		
		(o) Damage and wear of gland persong		
			(1) Replace lubricating oil.	
•	· · · · · · · · · · · · · · · · · · ·	· · ·	(2) Measure vibration.	
		1 Charing disasseen Ning	1. Operation items and cautions	1. Operation items and cautions
1. CARTILLE			1) See the description of condenser and condenser	(1) For the attery valve of the demator, see the description of Boiler Part,
		(2) Deformation, corrosion and groupin		(2) Conduct chemical analysis of deposits and adhered substances as
		a) Imer surfaces of the reservoir and	uniform and footwear and take care not to allow	
		dearaior 	foreign substances to drop inside the tube. Take	(3) Record the observation and impoction results.
		b) Piping unside the destruct and read	only the minimum required tools with you, and take	
		water pipturg	care not to allow them to drop inside the tube or	
		<ol> <li>Distribution, Datue plate, Gispuragn, rest and rest minister</li> </ol>		information on the progress of such defects; this will provide guiding
		AN MARTIN PARE intertion water and	(3) Since the reservoir bottom is curved, take care not	information for the next inspection.
		valve seat	to stip.	(5) Adjust the set load on the injection valve spring, depending on the
			2. Cleaning and adjustment	inspection results, and replace the worm parts with one ones (AL
			(1) Take the utmost care when amounding the air tight	
		(1) Dumages such as corrotation, erosion		
			(2) Use only the carefully treated internal insullation	(7) Use a guiding to remove small ensions from the Genrader channes
		(2) Defects of the norzhe hole, injection		shell inner surfaces. The parts with Serious controls, nowever, must
		Valve, vilve sout, spring and	(3) When the parts are covered with lustrous black film	be provided with outstarp watering, and more on equipped in
		(3) POTER SUBLEMENT, EXCENDINAL AND AN	-	
			in water or wipe them with cloth, taking care not to	(2) CLICCLE INF DAY BOAT MININGER

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Remarks				· · · · · · · · · · · · · · · · · · ·		
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	<ul> <li>(4) Use the wire brush to remove deposits and adhered substances from the reservoir timer surface, tray heater tube outer surface. builto phen wash them in wurce. Deformate or dispiraging the replaced with new ones.</li> <li>(5) The cooling tube inner surface of the heatertube and bencondensermust be cleared with the nylon brush as required.</li> <li>(6) Use the scraper and wire brush to finish the joint surfaces, bolts and nuts.</li> <li>(7) Use a soft copper wire to remove foreign substances clogged in the nexcits hole of the feed varies distribution and injection valve.</li> <li>(8) After clearing instite, keep the mathole closed coccept when it must be opened.</li> <li>(9) Raplace the gasiete with new ones.</li> <li>(10) Make sum than the is no foreign substance or other thing lath behind.</li> </ul>					1.3 1.
* .	supposts an impet aur place aur mod toy du to finish of the said of the fit of the fit of the fit of the fit of the fit of the fit of the substant					
Work procedure	Use the vire branch to remove de substances from the reservoir heater tube outer in writee, baffle then wash them in writee, baffle then wash them in write, baffle the cooling tube inner surface of The cooling tube inner surface of the the scaper and wire branch warfaces, bolts and nuts. Use is a soft copper wire to remove clogged in the needs in the needs discribution and injection valve. After chearing inside, keep th accept when it must be opened. Replace the galders with hew on Make sure that there is no foreig thing laft behind.		•		:	
Work I	Use the wire baset to re substances from the re- beauer table outer sufface then wanth them in writes the work of the inversion repaired on replaced with the cooling tube inversion the the scaper and with the table the scaper with it distribution and injection distribution and injection After cheming inside, with Make sum that there is n thing left behind.					
	Use the wire brand substances from 1 them are not them in the wash them in the substances of the them the substance of the sub- bent condenser mus- bent condenser mus- us a required. Use a soft copper a surfaces, bolts and the substanting in discribution and an discribution and in discribution and an discribution and discribution an	· · · · ·				
			· · ·			
	H H					
шq	Tube plate and tube expansions if provided with bent condenser					· . ·
Inspection item	with beau of two with beau of					•
E	provided i					
	€ 			· · · · · · · · · · · · · · · · · · ·		- - - -
Extent of disassembly						<b>(</b> 3)
Extent of d						
7						
Equipment		· · · · · · · · · · · · · · · · · · ·	<u> </u>			
Quin Tier						

<ul> <li>1. The properties of the state of t</li></ul>	Equipment	Extent of disassembly	Inspection item	Work procedure	Remarks
Non o folder years     (1)     Densense of a constraint of a constraint,	ondensate	1. Inspect the condensate pump every	1. During disassembling	1, Disatsembling	1. Operation itoms and cautions
<ul> <li>(2) Discharge drain frem the casing, oil and coolant from the bearing box.</li> <li>(3) Form the bearing box.</li> <li>(4) Put on tally marks whenever required.</li> <li>(5) Put on tally marks whenever required.</li> <li>(6) Put on tally marks whenever required.</li> <li>(7) Comming and objuurned.</li> <li>(8) Put on tally marks whenever required.</li> <li>(9) Comming and objuurned.</li> <li>(9) This on tally marks whenever required.</li> <li>(9) The on tally marks whenever required.</li> <li>(9) Put on tally marks whenever required.</li> <li>(9) Put on tally marks whenever required.</li> <li>(9) Put on tally marks whenever required.</li> <li>(9) The on tally marks whenever required.</li> <li>(9) The on tally marks whenever required.</li> <li>(9) The on tally marks whenever required.</li> <li>(9) Wath the journal gland and thrust collar with oil storedges and some.</li> <li>(1) Measure the remove only the foreign substances includes begind in the white made surface.</li> <li>(1) Measure the class and pecting inposition, confirm the speecerposition.</li> <li>(1) Weenenty part.</li> <li>(2) Wath phenetign substances of a point of the sed water through through through through through through through through</li></ul>	damd	two to four years.			
<ul> <li>and yournal constraints on the main shift and casing and there are an unit and casing and there are any marks whenever required.</li> <li>(a) Put on tally marks whenever required.</li> <li>(b) Put on tally marks whenever required.</li> <li>(c) Put on tally marks whenever required.</li> <li>(damage of the main shift and casing and check whenever required.</li> <li>(e) Put on tally marks whenever required.</li> <li>(f) Commit and the powering and check splate and threat collar with other assessment.</li> <li>(f) Wash the bound given and remote an invite one of the tother and threat collar with other assessment.</li> <li>(f) Measure to enviro only the foreign understroed inviteded in the white and remote and threat collar with other assessment.</li> <li>(f) Measure to remove only the foreign understroed inviteded in the white any evolution.</li> <li>(h) Measure to pass water through the seal water foreign substances the postion.</li> <li>(f) Replace the periods with molecular in the substance of each periods in power and threat collar with the substance of the splatent period.</li> <li>(h) Measure the open water through the seal water through through the seal water throu</li></ul>		- - -			
<ul> <li>Analyzer of case and substants that and casing and check and put.</li> <li>(4) Put on ally marks whenever required.</li> <li>(5) Put on ally marks whenever required.</li> <li>(6) Put on ally marks whenever required.</li> <li>(7) Cheming and substants.</li> <li>(8) Wath the journal, gland and threat caller with ol score.</li> <li>(9) Wath the journal, gland and threat caller with ol score.</li> <li>(9) Wath the journal, gland and threat caller with ol score.</li> <li>(1) Wath the journal, gland and threat caller with ol score.</li> <li>(2) Finish the journal, gland and threat caller with ol score.</li> <li>(3) Wath the journal gland and threat caller with ol score.</li> <li>(4) Masure to the main surface. Damage must be provided in the white meal strates. Damage must be provided in the white meal strates.</li> <li>(4) Masure to character of the flanges and ohd connections at weater through the scale must pert.</li> <li>(5) Replace the packing with new const.</li> <li>(6) Replace the packing with new const.</li> <li>(7) Wath the out of the flanges and ohd connections at provide with the spectrage with the scale with the scale pert.</li> <li>(8) Make sure that there is no foreign substances through the scal water through the scale water t</li></ul>					<ol> <li>Seenitar deterioration and reference cares</li> </ol>
<ul> <li>4. Put on adjay marks whomever required.</li> <li>(4) Put on adjay marks whomever required.</li> <li>(5) Cheming and adjustment</li> <li>(6) Clean invisite the impedier, guide vane and casing with energy cloan mark part.</li> <li>(7) Wash the boarding in proper solvent and data it with out score.</li> <li>(8) Wash the boarding in proper solvent and data it with contract is antifactory, use a score.</li> <li>(9) Wash the boarding in proper solvent and data it with contract is antifactory, use a score.</li> <li>(9) Wash the boarding in proper solvent and data it with contract is antifactory, use a score.</li> <li>(9) Wash the boarding in proper solvent and data it with contract is mathematic in the white meal surface. Demages must be provided in the white meal surface. Demages must be provided in the white meal surface. Demages must be provided in the white meal surface.</li> <li>(1) Measure the clearence of each pert.</li> <li>(2) Take curve of the flanges and other contractions at vector.</li> <li>(3) When placing the gland packing inposition, confirm the space.</li> <li>(4) Replace the practing with now once.</li> <li>(5) Make surve that force is no foreign subsence or other thing left bohind musib.</li> </ul>					(1) Check the lever for corrosion.
<ul> <li>(a) Put on any marks womenon required.</li> <li>(b) Put on any put marks womenon require the impedier, guide were and casing written and (2) Chain the journal, gland and thrust collar with oil acone.</li> <li>(c) Finish the journal, gland and thrust collar with oil score.</li> <li>(c) Wash the beacing in proper solvent with oil score.</li> <li>(c) Wash the beacing in proper solvent with one of the transformy, use a score.</li> <li>(c) Wash the beacing in proper solvent with one of the transformy, use a score.</li> <li>(c) Wash the beacing in proper solvent with one of the transformy, use a score.</li> <li>(c) Wash the beacing in proper solvent with the culdes in the while means included in the while meal surface. Demages must be provided with minimum repair. Wash the culdes beacing in water.</li> <li>(c) Masaure the clearence of each pert.</li> <li>(c) Masaure the clearence of each pert.</li> <li>(c) When placing the gland packing inposition, confirm the space.</li> <li>(c) Replace the practings with no culdes pert.</li> <li>(c) Replace the practing with no culdes pert.</li> <li>(c) Replace the practing with no onds.</li> <li>(c) Replace the practing with no onds.</li> </ul>					
A contracting of the sole of t			2. After closing and adjustment	(4) Put on tally marks whenever required.	
arvantures and the satisfication of the sole and year and setting all of the sole and year and the sole (after and (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	· .			2. Cleaning and adjustment	
ab a ta timpation of the sole and part (after sole (c) (c) (c) (c) (c) (c) (c) (c) (c) (c)					
and the sole of the sole and part (after sole (after sole (b) (c)					
of the sole and part the sole (after and the sole (after and the sole (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c					
of the sole and pert and and pert (after sole (after sole (b) (c)					· ·
of the sole and year (after and 3. Asser 5. 3. 3. Asser 5. 3. 3. Asser 5. 3. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.			Bouring confact woar		
S (S) (S) (S) (S) (S) (S) (S) (S) (S) (S	•		Measure the lovelments of the	scraper to remove only the foreign substances	
Lis geneticer and all years and (Afber and 			orend	Included in the write mean survey. Leanages inter-	
₹28 6 € 6 © 			3. During and after assembling	bearing in water.	
Intride the casing 3. Asset Nightmens of the casing, gester and (1) boil. (2) Bearing fit conditions (2) Treptmens of the shaft seal part (2) Measure the centering (4) Conduct test operation (after seconding). (5) asseembling).		<del>.</del>	(1) Measure the main shaft movement.		
Taghmons of the caving, guilter and (1) boit. Bearing fit conditions. Trighmous of the shaft seal purt Measure the cantering. Conduct test operation (after assecribing). (5)	•			3. Assembly and recovery	
boil Bearing fit conditions Trightness of the shaft seal part Measure the centering. Conduct test operation (after assembling). (5)					
Beatring Eft conditions Trephness of the shaft seal part Measure the centering. (+) Conduct: test operation (after assembling). (5)					· · ·
Treptmeas of the shaft seal purt Measure the centering. Conduct: test operation (after assembling). (5) (5)					_
Measure the centering. Conduct: test operation (after ascenbling). (5) (5)					
Constant: test operation (after assembling). (a) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		·			-
S S			Conduct test operation		
			assembling).		
			•		
				· ·	
				-	

1. Inspect the circulating water pump every two to four years.			
every two to four years.	1. During disessembling	1. Disessenabling	station items and cautions
	(1) Deposits and adhered substances on the inner and outer surfaces of casing	(1) Disconnect the coupling from the drive unit	(1) To determine the time for disasterably and inspection, 10.18 recommended to record the secular changes in pump cut-off
	and suction tube		
	(2) Demage due to foreign substances	(3) Remove the shaft scal part and suffing box; then	(2) For the vertical pump, measure the clearance when the coupling bolt is removed.
	(3) Clearings of each part	outsettonde un man anali an texat, au trout outh put.	(3) According to the result of dismacmbling the curless borning.
	-	(4) Put on tally marks whenever required.	
		2. Adjustment and cleaning	
	(6) Gland damage	(1) Clean the unpeller with emery cloth and rags.	(5) For carryons in working wire the circularing water pape, we up describtion in Work procedure for (5) a. Configurer and conference
	(7) Wear of the cathodic protection	(2) Remove the depends and adhered submances from	abell.
	clocroce and converting provertive zinc plate	the casing inner and outer aides using the scriper of wire brief.	
	(8) Corrosion of suction tube and	C First the initial sland and thrust collar with oil	
	protective tube	- ÷.	-
	(9) Defocts of back wash valve and water	(4) Wash the boaring in proper solvent and clean it	
	•	with compressed air. If contact is satisfactory, use a	
-	(10) Differential settlement of the	scraper to remove only the foreign substances included in the white meal surface. Damages must	
	And refer for a second of a	be provided with minimum repair.	· · · · · · · · · · · · · · · · · · ·
		3. Assembly and recovery	
	(1) LIEUK, CONDONI, CONDER ADD WOM OF the impelier, shaft, sheve, casing and	(1) Apply contamination preventive coating to the itmer	
	wearing		
	(2) Locacness of the wear ring, slocve	(2) Replace the cathodic protection electrode and	
	(4) Connection pan inside vertical pump fixing sleave	(4) When placing the giant packing inposition, contrain the spacer position.	
		(5) Conduct the test to pass water through the seal water	
	(1) Measure the main shall movement and thrust resition.	(6) Replace the packings with new onca.	
	(2) Inside the casing	(7) Make sure that there is no foreign substance or other	· · ·
		thing left behind inside	
	(4) Bearing fit conditions		· · ·
	(5) Tightness of the shaft seal part		-
	(6) Joint installation and goar coupling		
	tubrication .		
	Measure the centering.		
	(8) Conduct test operation (after		
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<ul> <li>Montenent de contractive, a l'induction de l'induction de</li></ul>		1. Inspect the general pump overy two to	1. During disaseembling	3	
<ol> <li>Tigatament of the observed of the</li></ol>		touryours.	(1) Measure the contoring.		
<ul> <li>the point of the bearing box.</li> <li>(a) Remove the shaft weat pert and autifung box, then declarements that and cuing, and check declarements and have a shaft and cuing, and check declarements.</li> <li>(b) Remove the shaft and available of dynamon.</li> <li>(c) Remove the shaft and available of dynamon.</li> <li>(c) Checking and the bearing with decargent and check and much area of and and and and and and and and and and</li></ul>	7				
<ul> <li>(3) Remove the shaft and ranking box; then diagenting off, diagenting and classe, and classe, and check diagenting and digramment.</li> <li>(4) Put on tary mutres whenever required.</li> <li>(5) Put on tary mutres whenever required.</li> <li>(6) Put on tary mutres whenever required.</li> <li>(7) Clears the implifier with emery cloth, rags and compressed at:</li> <li>(8) The clos screpe and wire hund to remove deposits and allored automatic the casing.</li> <li>(9) The clos screpe and wire hunds strend the casing.</li> <li>(9) The clos screpe and wire hunds strend the casing.</li> <li>(9) Waith the beaking with decargent and clears it with compressed at:</li> <li>(10) Clear the transity and recovery</li> <li>(11) Clear the transit of the casing.</li> <li>(12) Clear the transit of the casing.</li> <li>(13) Assembly and recovery</li> <li>(14) Clear the transit of the casing.</li> <li>(15) The ware the there and others and a lark and allored at the casing.</li> <li>(16) Clear the transit of the ware and others and a lark and allored at the casing.</li> <li>(13) Assembly and recovery</li> <li>(14) Clear the transit of the ware at a start at a lark at a lark at the start at a lark at</li></ul>	·				
<ul> <li>the oil disamenable the main shart and carefy, and check disamenable the main shart and carefy, and check accord part.</li> <li>(a) Put on taly marks whenever required.</li> <li>(b) Put on taly marks whenever required.</li> <li>(c) Clean the impaller with emery cloth, rags and compressed air.</li> <li>(c) Clean the impaller with emery cloth, rags and compressed air.</li> <li>(c) Clean the impaller with emery cloth, rags and compressed air.</li> <li>(c) Clean the impaller with decayant and clean it with compressed air.</li> <li>(c) The the start well pert and others are and rags are not be used adhered authors.</li> <li>(c) Frainh the shart well pert and clean it with compressed air.</li> <li>(c) Clean the impole of the wear find at shore, and adhered authors.</li> <li>(c) Clean the impole of the wear find at shore, and adhered at shore.</li> <li>(c) Mant the beating with the clean and the area to the total the clean the clean the formation of the wear find at shore, and anther and mount the mount the compresse them in position.</li> <li>(c) Its the bolt and the position.</li> <li>(c) Registion there in contact instant.</li> <li>(c) Registion position.</li> <li>(c) Registion the mine that and the admetal at the total the start of the bolt.</li> <li>(c) Beak and the shore are contact instant.</li> <li>(c) Registion the shore and and the admetal at the shore.</li> <li>(c) Registion the admetal and the admetal at the shore.</li> <li>(c) Registion the admetal at the shore.</li> <li>(c) Registion the admetal at the admetal at the shore.</li> <li>(c) Registion the admetal at the admetal at the shore.</li> <li>(c) Its the admetal at the admet</li></ul>					
<ul> <li>A plus on large marks whenever required.</li> <li>A plus on large and adjustment.</li> <li>A character and with annery cloth, rags and compressed at:</li> <li>C Clean the impedian with annery cloth, rags and compressed at:</li> <li>C Use the straper and with annery cloth, rags and compressed at:</li> <li>C Thain the shall send part and plane.</li> <li>Finish the shall send part and darm it with compressed at:</li> <li>A second at the bearing with decargemt and clasm it with compressed at:</li> <li>A second at the bearing with decargemt and clasm it with the compressed at:</li> <li>A second at the bearing with decargemt and clasm it with the compressed at:</li> <li>A second at the bearing with decargemt and clasm it with the component at:</li> <li>A second at the bearing at a clobe and rags are not be the bearing a substances of the ware rang and shown, and others such a tools and rags are not be the bearing at a component the bearing at a short, and and a short, and an and others such a such at a component the bearing at a component the bearing at a short.</li> <li>(coller)</li> <li>(</li></ul>		•	(4) Transcritta bearings	disassemble the main shaft and cashig, and check	
<ul> <li>(4) Put on tuly marks whenever required.</li> <li>(5) Put on tuly marks whenever required.</li> <li>(1) Clean the impeller with emery cloth, rags and compressed at.</li> <li>(2) Use the strapter and wire busis to remove deposits and adhered substances from inside the casing.</li> <li>(3) Finish the shaft seed part and journal with oil store.</li> <li>(4) Wash the bearing with decergent and clean it with compressed at.</li> <li>(5) Finish the shaft seed part and journal with oil store.</li> <li>(6) Wash the bearing with decergent and clean it with compressed at.</li> <li>(7) Carefulty chock all parts and make sere that foreign substances and others such as tools and region. Substance and others such as tools and rags are not into the point.</li> <li>(6) Measure the chemotor. Perform hard turning, and make are that there are not extend to the volte and turning, and make are that there is no context inside.</li> <li>(6) Reglace particings and gallous with new orce. Use the bolt and is plates and advised bolts.</li> <li>(6) Reglace particings and gallous with new orce. Use carefully treated bolts.</li> <li>(6) Reglace particings and gallous with new orce. Use carefully treated bolts.</li> </ul>			- Contemination of Intheir ating oil	•	
A Contract of the west of the	•				information for recovery, reassembly and disessembly.
Antifected and the set of the se	÷		האבואני בייניו האווייני אין אין אין אין אין אין אין אין אין אי	<b>π</b>	
weitheres weitheres weitheres weitheres weitheres of the weet the bolt and the bolt and the bolt and the bolt and the bolt			(5) Inspect the casing.	i	
weithness. Methods and chart of the wear of the function of the wear of the function of the wear of the wear of the bolt and the bolt			a) Leakage from caning fit surfaces		
weitheres. and of the weat create thing: the bolt and the bolt and			(6) Measure the shaft movement		
seck of the seck of the bling called a call of the bling called a called a call of the wear called a c			() Measure the sole plate levelness.		-
weth of the weth of the weth of the weth of the weard crank thing. The weard crank ( ( ) ) . Asset ( )					
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The for the second careford the shift of the shift of the shift of the shift of the wear careford to the wear careford to the wear careford to the bould second to the bould second to the shift second to the			(1) Inspect the main shaft.	•	
are and check abiling rational of the wear of the wear of the wear of the wear of the bolt and the bolt and the shaft seal the shaft seal			a) Broadm, wear and crack of the	compressed aur.	
are and cancic acting removue of the wear of the wear of the wear of the bolt and the bolt and the bolt and the bolt and the shall and the sha			impeller	3. Assembly and recovery	
of the wear of the wear of the wear of the wear of the bolt the bolt and the that and the that and the that and the that and the that and			b) Contact damage and wear and crack		
of the wear of the wear def for with the boilt for with the for shart seal the shall sund the shart seal			on the wear ring and bushing		
of the wear for the wear of the wear the boult and the boult and the boult and the that the the the that the			c) Moasure the main shaft runout.	laft hebited.	
the collect the bould and the bould and the the bould and the the the the the shall and the shall and th			d) Measure the clearance of the wear		-
e (coulter) fr fr fr fr fr fr fr fr fr fr			ring and bushing.		
e (collect) r f r f r with the bolt and r with the r with the r f r with the r f r f r with the r f r f r f r f r f r f r f r f				mount than in position.	· · · · · · · · · · · · · · · · · · ·
the bolt and the bolt and the bolt and the bolt and the fait the the fait fait the fait fait			a) Wear of the shaft sloeve (collar)	_	
the boundings creatings the bolts the bolt and the shaft and the shaft and the shaft and the shaft and			b) Pacicing damage		
the book and crack bolics the book and the book and the shart and the shart seal			(3) Inspect the shaft seal part.	sure that there is no contact inside.	
of bourtings concis boils it with the movement, the shaft seal					
bolts the by the by the sh			<ul> <li>bound wear and omnage</li> <li>b) Measure the clearance of burnings</li> </ul>		
chart built the by the by the by			Vi Tamaar the casher		
bolic the by the by the by			(a)		
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the the transfer of the transf			a) Cased III BURGES ING COLOR		
the by the bythe			(5) Inspect the coupling.		
ti na			a) Wear and damage of the bolt and	· · ·	
t and the set			Dushing		
r, gant di			b) Measure the fit part with the		
			bearing.		-
Measure the main shaft mover inside the casing, gash bolt Bearing fit conditions Setting and tightness of the ath part			3. During and after assembling		
Inside the casing both both Bearing fit conditions Seeing and tightness of the sh Measure the centering.			(1) Measure the main shaft movement.	-	•
Tightness of the casing, gash bolt Bearing fit conditions Setting and tightness of the sh part Measure the contarting.			(7) Inside the casing		
lignmore of the casing, gan bolt Bearing fit conditions Setting and tightness of the sh part					-
Bearing fit conditions Setting and tightness of the sh part. Measure the centering.					
pearing an consulutes Souting and tightness of the sh part. Measure the contering.					
Soung and ugueness of the m part Measure the centering.					
Measure the centering.					

<ul> <li>1. Import the horizontial pump every two</li> <li>1. During diase</li> <li>1. Import (a) Tay</li> <li>1. During diase</li> <li>1. Tayer</li> <li>1.</li></ul>	Equipment	Extent of disassembly	Inspection item	Work procedure	Remarks
1. Dimensional proposers on homology from the carrier, of a red context of the bolt and of th	name	•			
0 (brevents)     (1)     Description of the constraint from the constra	(b) Horizontal	1. Inspect the horizontal pump every two	1. During disessenbling	1. Disassembly	1. Operation items and cautions
<ul> <li>(a) Important and the methods</li> <li>(b) Nonse and the methods</li> <li>(c) Nonse and the methods</li> <li>(c)</li></ul>	200	to four years.	() Maanina tha centering		
<ul> <li>(Control and solution of a solution.</li> <li>(a) A solution of a solution.</li> <li>(b) Rober of a solution of a solution of a solution of a solution of a solution.</li> <li>(c) Rober of a solution of a solution of a solution of a solution of a solution.</li> <li>(c) Rober of a solution of a solution of a solution of a solution of a solutio</li></ul>	:	• .			
<ul> <li>(grouse or classifier on main shaft and castry, and check castry and castry, and check castry and castry, and castry, and check castry and castry, and castry, and castry, and check castry and castry and castry, and castry, and castry castry and castry and castry and castry and castry and castry and castry.</li> <li>(a) Put on taly matra whenever required.</li> <li>(b) Put on taly matra whenever required.</li> <li>(c) Put on taly matra whenever and with dimen.</li> <li>(c) Put on the react with compared ut.</li> <li>(c) Put on the react with a minon target of the react.</li> <li>(c) Meaning the theore benting with a minon target of the react.</li> <li>(c) Amerandy about all pers and mater area of tale motion.</li> <li>(c) Put on the react wing a dial indicator or thickees are not the term of table area to the determone with the were ring at the center right with the determine and that measure the dimensional term of table area to the determ of the were the distribution.</li> <li>(c) Put on the section part of the were the dimensional term of the were the dimensional point.</li> <li>(c) Put on the section part of the were the dimensional point.</li> <li>(c) Put on the section part of the were the dimensional point.</li> <li>(c) Put on the section part of the were the dimensional point.</li> <li>(c) Put on the section</li></ul>			(Z) Inspect the shaft coupling.		
<ul> <li>(greese or C) Ramove the start seal per and starting box; then discrete with each per.</li> <li>(a) Put on tally marks whenever required.</li> <li>(b) Clean the impeller with energy doft, rays and dock each per.</li> <li>(c) Clean the impeller with energy doft, rays and control.</li> <li>(c) Clean the impeller with energy doft, rays and control.</li> <li>(c) Clean the impeller with energy doft, rays and control.</li> <li>(c) Traish for shaft soil per and with oil arone.</li> <li>(c) Finish the maching coupling and gear with decargent and adhered subsurves them inside the Campa.</li> <li>(c) Finish the mechanical seal by lapping (or replace it with out arone.</li> <li>(c) Waht the besting coupling and gear with decargent and clean it with compressed at:</li> <li>(c) Waht the besting coupling and gear with decargent and clean it with compressed at:</li> <li>(c) Waht the besting coupling and gear with decargent and the definition.</li> <li>(c) Maname the stereme benching with a micromoter of the test.</li> <li>(c) The and adhered using a the context right and clean it with compressed at:</li> <li>(c) the way and first and mount the besting out the number of the test.</li> <li>(c) the way and first and mount the besting on the main sheft, movements, and first and novel the novel of the test.</li> <li>(c) the way and first and mount the besting on the main sheft, movements, and the first and the start and an out the besting on the test using a clial indicates of the mount the besting on the main sheft, movement at the start and set it at an position.</li> <li>(c) Home and set it at an position.</li> <li>(c) the over ring and farming in the context and the set of the way and set it at an position.</li> <li>(c) the over ring and set its an opendiod.</li> <li>(c) the over ring and set its an opendiod.</li> <li>(c) the over ring and set its an opendiod.</li> <li>(c) the over ring and set its an opendiod.</li> <li>(c) the over ring and set its an opendiod.</li> <li>(c) the over ring and set its an opendiod.</li></ul>			a) Geer coupling		
boil and     Construct and substance whenever required.     (*)       boil and     (*)     Part and part and part and point and out of the and of the cariny.       compressed at:     (*)     Clean the impeller with emary doft, rays and constructs.       (*)     Clean the impeller with emary doft, rays and constructs.     (*)       (*)     Clean the impeller with emary doft, rays and constructs.     (*)       (*)     Clean the impeller with emary doft, rays and constructs.     (*)       (*)     Clean the bestring coupling and gar with daragent with daragent with neurons.     (*)       (*)     (*)     (*)     (*)       (*)     (*)     (*)     (*)       (*)     (*)     (*)     (*)       (*)     (*)     (*)     (*)       (*)     (*)     (*)     (*)       (*)     (*)     (*)     (*)       (*)     (*)     (*)     (*)       (*)     (*)     (*)     (*)       (*)     (*)     (*)     (*)       (*)     (*)     (*)     (*)       (*)     (*)     (*)     (*)       (*)     (*)     (*)     (*)       (*)     (*)     (*)     (*)       (*)     (*)     (*)       (*)					
Notil and <ul> <li>Part con rainy marker whenever required.</li> <li>Part con rainy marker whenever required.</li> <li>Commage and adjustment</li> <li>Commage and adjustment</li> <li>Commage and adjustment</li> <li>Commage and adjustment</li> <li>Trainal to structor advice that the mary cloth, rugs and additional adjustment advices that are one compressed at:                 <li>Wash the besing coupling and gear with decargent and clean it with compressed at:                 <li>Wash the besing coupling and gear with decargent and clean it with compressed at:                 <li>Wash the besing coupling and gear with decargent and clean it with compressed at:                 <li>Wash the besing coupling and gear with decargent and clean it with compressed at:                 <li>Wash the besing coupling and gear with decargent and clean it with compressed at:</li></li></li></li></li></li></ul>				distantion the main shaft and cashig, and check	
<ul> <li>(a) Pur con tally markets whenever required.</li> <li>(b) Pur con tally markets whenever required.</li> <li>(c) Clean the strengellar with emary doth, raps and compressed air.</li> <li>(c) Clean the strenge and wire bruth to remove deposits and adhered submarkees them inside the Carting.</li> <li>(c) Teniah De staft soul part and yournal with dil mone.</li> <li>(c) Finiah De staft soul part and yournal with dil mone.</li> <li>(c) Finiah De staft soul part and yournal with dil mone.</li> <li>(c) Finiah De staft soul part and yournal with dil mone.</li> <li>(c) Finiah De staft soul part and yournal with dil mone.</li> <li>(c) Wathmew end).</li> <li>(c) Watemer the besing coupling and ger with decargent and chant it with compressed air.</li> <li>(c) Measure the besing with a micromoter of level lipo the data it with the staft and the monetaria of the wate the dillipo the compress of the more lived lipo to the number of the wate the data it with the stock and the staft and the more of the main shuft, and more of the wate the data is and the more of the main shuft, and more of the mark using a dial indicator of het the hind.</li> <li>(c) Mount the beening on the main shuft, and more the data is the carter, right and conclustion the the data using a dial indicator of the the staft using a dial indicator of the the staft using a dial indicator.</li> <li>(c) Mount the beening on the main shuft, and movements, the movel the the staft at an approximately control position.</li> <li>(c) Mount the beening and training and the ard takes the cartes fragment with the staft at the cartes the data with a staft at the cartes fragment in the staft at the cartes the data with the purper built the start do the staft at the cartes the data with the staft at the cartes the data with the staft at the cartes the data with the staft at the cartes fragment in the staft at the data of the staft at the cartes the data of the staft at the data of the staft at the data of the start at the data of the staft at the data of the staft at</li></ul>			of the bolt	each part.	even if it is not delective.
Notil and       2. Cheming and adjuatment       (*)         Notil and       (*)       Cheming and adjuatment       (*)         (*)       (*)       (*)       (*)       (*)         (*)       (*)       (*)       (*)       (*)       (*)         (*)       (*)       (*)       (*)       (*)       (*)       (*)       (*)         (*) </td <td></td> <td>-</td> <td></td> <td></td> <td></td>		-			
Noti, and       (1)       Claim Ube impedier with emary cloth, rass and compressed at:       (3)         (2)       Use the scraper and wire brank to remove deposite and adhered			b) Flange coupling	2 Cashing and whitteners	
<ul> <li>(1) Cutant the ampleter with many outly, tage and addressed air.</li> <li>(2) Use the screper and wine bruch to remove deposite and addressed air.</li> <li>(3) Finish the mechanical seal by lepting (or replace it with datagent it with compressed air.</li> <li>(4) Finish the bestring coupling and gear with datagent it and compressed air.</li> <li>(5) Wash the bestring coupling and gear with datagent it and compressed air.</li> <li>(6) Massure the sterre bearing with a micromoter or lead them it with compressed air.</li> <li>(7) Wash the bestring coupling and gear with datagent it and compressed air.</li> <li>(8) Massure the sterre bearing with a micromoter or lead them it with compressed air.</li> <li>(9) Massure the sterre bearing with a micromoter or lead them it with compressed air.</li> <li>(9) Massure the sterre bearing with a micromoter or lead them it with compressed air.</li> <li>(9) Massure the sterre bearing on the main shuft, and measure the foreign are addressed air.</li> <li>(10) Massure the destring on the main shuft, and measure the foreign are distributed air.</li> <li>(10) Mount the bearing on the main shuft, and measure the foreign are distributed and the adds understore of the massure all shuft movements and address and a state movements and set it at an approximately contral position.</li> <li>(10) Information the clearence of the main shuft and mount the bearing in position.</li> <li>(11) Information the main shuft and mount the bearing in position.</li> <li>(12) Incorporate the main shuft and mount the bearing in position.</li> <li>(13) Incorporate the main shuft and mount the bearing in the center. Tapk with new ones. Use carefully remark boilt.</li> <li>(13) Tapk the size of containty towerd the outside from the center, position.</li> <li>(14) Tapk the bearing and gains with new ones. Use carefully remark boilt.</li> <li>(15) Tapk the size of containty towerd boilt.</li> <li>(16) Tapk the size of containty towerd the outside from the outside from the outside from the outside towa</li></ul>			of the bolt		
<ul> <li>(2) Use the screper and wire brunch to remove deposite and affined abstrances throw intaids the carrier.</li> <li>(3) Finish the mechanical scal by lepting (or replace it with name one).</li> <li>(4) Finish the mechanical scal by lepting (or replace it with name one).</li> <li>(5) Wash the bosing coupling and gear with diarcegant and clarant it with compressed at.</li> <li>(5) Measure the sizeree barring with a micromoter or levilino.</li> <li>(6) Measure the bosting on the main shuft, and measure the trong are and clarant to the bosting on the main shuft, and measure the technical scale to the main shuft, and measure the technical scale of the support of the main shuft, and measure the sizere barring with a micromoter or levilino.</li> <li>(7) Carrently check all pers and make such tage are not levilino.</li> <li>(8) Measure the bosting on the main shuft, and measure the intervention and others are not indicated to orthodore and some the formation.</li> <li>(9) Carrently check all pers and make such tage are not indicate the technical stat to care and some the indicates the network and some that for an another and some the formation.</li> <li>(9) Carrently check all pers and make such the sere the technical stat to the main shuft, and measure the correct them to have a bash movements, and set it at an approximately central position.</li> <li>(9) Tagene the constrant conting indicates with new ones. Use carefully be applied uniformly toward the outside from the technical stat contact the outside form the set installed so that signment with the ensured bold.</li> <li>(9) Tagene the casing fit surface to ensure that technet set installed so that and terming in the contact inside.</li> <li>(9) Tagene the casing fit surface to ensure that technet with new ones. Use the casing fit surface to ensure that technet with new ones. Use the case of the more that and technet with new ones. Use the case of the more that and technet with new ones. Use the case of the many is anomaly technet bold.</li> <li>(9) Tage or</li></ul>					(6) Fitting with shaft (target values, units in mm)
<ul> <li>C. Use the scrept and wrow brunch to remove deposits and addrered auburders from mislo to comove deposits and addrered auburders from mislo to comove deposits.</li> <li>(c) Frainah to solution but and y lapping (or replace it with neurone ore).</li> <li>(c) Wash the bestring coupling and gear with decargent and clean it with neurone ore).</li> <li>(c) Wash the bestring coupling and gear with decargent and clean it with neurone ore).</li> <li>(c) Wash the bestring coupling and gear with decargent and clean it with neurone ore).</li> <li>(c) Wash the bestring coupling and gear with decargent and clean it with neurone or indication or the decargent or indication or the decargent and a start movements and clean to with and make and the ore the decarance and others such as the centre, right and neurone and others such as the centre, right and neurone and others such as the centre, right and neurone and others and about movements and set it at an approximately contral position.</li> <li>(c) Tay and other or the neuron and the area and about and the area and about a set of the wave the determone with the wave the area the centre, right and neurone and others such as the centre, right and neurone and others and sheet.</li> <li>(c) Incorporate the main shaft, movements, and sheet.</li> <li>(c) Incorporate the main shaft and mount the bearing in position.</li> <li>(c) Tay and the originated boilt.</li> <li>(c) Incorporate the main shaft and mount the bearing in the originate and uses are the originate and uses are the originate and use are the originate and use are the originate and the area or originate and use area the originate and the area originate the originate the originate the originate the originate originate and the originate originate and the originate originate and the originate originate and the originate originate the originate ori</li></ul>				-	a) The couching must be abrief (1(10 the range from 1/100 to 3/100.
<ul> <li>7. Finish the backat sold part and journal with oil arous.</li> <li>7. Finish the backat sold part and journal with oil arous.</li> <li>7. Finish the backing coupling and ger with decargent in with arous and data it with compressed air.</li> <li>7. Wash the backing compressed air.</li> <li>7. Measure the silence barring with a micrometer of level the ard compressed air.</li> <li>7. Assembly and recovery</li> <li>7. Mount the backing on the main shaft, and measure the level the backing on the main shaft, and measure the backing on the main shaft, and measure the level the characters and set using a dial indicasor or thickness and oil and set in a myorial mealers and share.</li> <li>7. Mount the backing on the main shaft, more more that foreign in pression.</li> <li>7. Mount the backing on the main shaft, and measure the formation of the wave and others and allows.</li> <li>7. Mount the backing on the main shaft, more more that formation of the wave and others and allows.</li> <li>7. Mount them in position.</li> <li>7. Measure the orange them to have specified dimensions. them mount there used on the outside of the wave with the outside of the wave with the outside t</li></ul>					Por correction, the inner diameter side must be provided with hard
<ul> <li>(c) Fraish the heath soul part and journal with oil aconalize oil with new news).</li> <li>(c) Wash the bearing coupling and ger with diagramet is with new regions with a micrometer of the edition it with compressed at.</li> <li>(c) Wash the bearing coupling and ger with diagrameter is with new region it is micrometer of heat line.</li> <li>(d) Wash the bearing outping and ger with a micrometer of the edition it with compressed at.</li> <li>(e) Measure the sterre bearing with a micrometer of heat line.</li> <li>(f) Carently and recovery</li> <li>(g) Assembly and recovery</li> <li>(h) Carently and a using a the center, right and correct and a using a the center, right and correct the recover and a that movement at study.</li> <li>(c) the wear correct the and a using a the record at shere, and a set is a many provinting inside.</li> <li>(c) the wear correct the number of the wear ring and shere the theorem at the set of the wear at shere.</li> <li>(c) the wear correct the number of transity and the set of the wear correct.</li> <li>(c) the wear correct the number of the wear ring and states and a shere.</li> <li>(c) the wear correct the number of the wear ring and shere.</li> <li>(c) the wear correct the number of the wear ring and the set of the wear correct at a state of the wear correct.</li> <li>(c) the care ring and tand the mige and oil the wear</li></ul>			a) Loakago	and adhered substances from milds the caling.	chromium plating.
<ul> <li>(a) Finish the mechanical seal by lepting (or replace it with new one).</li> <li>(b) Wash the beaming coupling and gen with decorport end clean it with compressed air.</li> <li>(c) Wash the beaming with a micrometer of level in the and clean it with compressed air.</li> <li>(c) Measure the sherre beaming with a micrometer of level ino interactions of the state and clean it with compressed air.</li> <li>(c) Measure the sherre beaming with a micrometer of level ino interactions and others and a state and make sure that forwigh are and clean it with compressed air.</li> <li>(c) Measure the beening on the main shaft, and regenering in the control region of the beaming in the control forces and level in any the control position.</li> <li>(c) the chermono with the assure all shaft movements and set is an approximately control position.</li> <li>(c) the wave the chermic of the wave that forming in the control. The current and set is a magnoximately control position.</li> <li>(c) the wave the and shaft measure all shaft movements and set is an approximately control position.</li> <li>(c) the wave the state an approximately control position.</li> <li>(c) the wave the control of the wave that the state of the wave that the state of the wave the optime state and nonarticle beaming in the control of the outside form the beaming in the control of the state of the wave the outside of the main shaft and nonartich beaming in the control of the outside form the outside of the state of the wave the outside of the state of the outside form the outside beam will be easered when the pump is normally compared beaming in the control of the outside of the state of the state of the state of the outside of the state of th</li></ul>			b) Cooling		
<ul> <li>tota old with new one),</li> <li>A with new one),</li> <li>A with the beacing coupling and ger with decargent end clean it with compressed air,</li> <li>and clean it with compressed air,</li> <li>A meaning wat recovery</li> <li>A meaning the beering on the main shaft, and meaning are not left ends. using a clial indicator or thickness</li> <li>A field ends. using a clial indicator or thickness</li> <li>A meaning the clearmoo of the wear mig at the center, right will be clearmoo of the wear mig at the center, right will be the clearmoo of the wear mig at the center, right will be the clearmoo of the wear mig at the center, right will be used of the wear in shaft morements, the mout the mig at the center, right will be the clearmoo of the wear mig at the center, right will be ensured the outside the mout them in position.</li> <li>(coller)</li> <li></li></ul>			(4) Inspect the bearings.		
<ul> <li>Wash the bearing coupling and gear with decagent and clearn it with compressed air.</li> <li>(a) Wash the bearing coupling and gear with decagent and clearn it with compressed air.</li> <li>(b) Measure the shore bearing with a micrometer or lead line.</li> <li>(c) Measure the shore bearing with a micrometer or lead line.</li> <li>(c) Measure the shore bearing with a micrometer or lead line are and others auch as tools and makes are not interteblind.</li> <li>(c) Currently check all perts and makes are drags are not intertebling.</li> <li>(c) Currently check all perts and makes are drags are not intertebling.</li> <li>(c) Mount the beering on the main shaft, and measure the correct right and left ends, using a dial indicator or thickness gauge.</li> <li>(c) the wear (c) for the main shaft, measure all shaft movements, and so it is a mapproximately control position.</li> <li>(coller) Measure the check using a dial indicator or thickness gauge.</li> <li>(coller) Measure the check using a dial indicator or thickness gauge.</li> <li>(coller) Measure the check using a dial indicator or thickness gauge.</li> <li>(coller) Measure the check using a dial indicator or thickness gauge.</li> <li>(coller) Measure the check using a dial indicator or thickness gauge.</li> <li>(coller) Measure the check using a dial indicator or thickness the mount the set of the weat of galout with new ones. Use the set of the main shaft and mount the bearing in the cantrol position.</li> <li>(c) Tughten the cast of galout with new ones. Use the cast of the ensued when the parting instance the torque with the cast of the mount the part of the outside from the cantrol portion.</li> <li>(c) Tughten the cast of galout with new ones. Use the cast of the cast of the mount the part of an outside from the cantrol portion.</li> <li>(c) Tughten the cast of galout with new ones. Use the cast of the cast of the mount the part of a normally printed.</li> <li>(c) Tughten the cast of the mount the part of a normally oponting there is no contact nea</li></ul>			a) Contamination of lubricating oil		
<ul> <li>withcose and clearn it with compressed at.</li> <li>with a micrometer of lead line and clearn it with compressed at.</li> <li>(a) Measure the starve bearing with a micrometer of lead line.</li> <li>(b) Measure the starve bearing with a micrometer of lead line.</li> <li>(c) Carefuly check all pers and make sure that foreign submanes that bearing at the context right and the bearing on the main sheft, and measure the foreign submanes of the way it at an approximately control position.</li> <li>(c) the way of the main sheft, measure all sheft, and measure that for the main sheft, and measure the submanes and set is at an approximately control position.</li> <li>(c) the way of the main sheft, and mount the bearing in position.</li> <li>(coller)</li> <li>(c) Incorporate them to have specified dimensions. On the second context them to have such and set is at a mount the bearing in position.</li> <li>(coller)</li> <li>(c) Incorporate them in position.</li> <li>(coller)</li> <li>(c) Incorporate them in position.</li> <li>(coller)</li> <li>(c) Incorporate them and start and mount the bearing in position.</li> <li>(coller)</li> <li>(coller)</li> <li>(c) Incorporate them and transing, and mount the bearing in position.</li> <li>(coller)</li> <li>(coller)</li> <li>(coller)</li> <li>(coller)</li> <li>(coller)</li> <li>(coller)</li> <li>(control position.</li> <li>(coller)</li> <li>(control position.</li> <li>(control position.</li> <li>(coller)</li> <li>(control position.</li> <li>(control pos</li></ul>		•	b) Leakage from bearing box		
<ul> <li>undeces</li> <li>(b) Measure the sherve bearing with a micromoter of level lino</li> <li>a. Assembly and recovery</li> <li>bed lino</li> <li>a. Assembly and recovery</li> <li>bed lino</li> <li>c. Currently check all pers and make sum that foreign interaction of the level make such as tools and rags are not left behind.</li> <li>(c) Carnetity check all pers and make sum that foreign interaction of the wear may at the creater, right and left ends, using a dial indicator or thickness guide.</li> <li>(c) the wear</li> <li>(c) Mount the boering on the main shaft, and measure the clearance with the wear may are not office and a spatron movements, and the clearance with the wear may a the context, right and set it at an synoximately contral position.</li> <li>(c) the wear and correct them to have specified dimensions. (Den mount them in position.</li> <li>(c) Tighten the clearance of the wore thing and sheet, and correct them to have specified dimensions. (Den mount them in position.</li> <li>(c) Tighten the clearance to ensure that torque with a sub out the part of the wear wear with new cores. Use careful press and galacts with new cores. Use careful press and set in an position.</li> <li>(c) Tighten the clearance to ensure that torque will be applied uniformly toward the out alofe from the careful proton.</li> <li>(c) Tighten the clearance to context inside. To much be under the out to be careful proton.</li> </ul>			(5) Inspect the centre.	-	
<ul> <li>end, and lime</li> <li>3. Ameenbly and recovery</li> <li>3. Ameenbly and recovery</li> <li>4. of the subtances and obters such as tools and rags are not introver anteresting anteraneous and obters such as tools and rags are not introver the beening on the main shaft, and measure the clearance with the wear ring at the center, right and indicator or thickness gauge.</li> <li>5. Mount the beening on the main shaft, movement, and indicator or thickness gauge.</li> <li>6. (the wear of the main shaft, measure all shaft, movement, and indicator or thickness gauge.</li> <li>(collar)</li> <li>(coll</li></ul>			a) I sates from casing fit surfaces		
<ul> <li>Asseenbly and recovery</li> <li>Asseenbly and recovery</li> <li>Carefully and recovery</li> <li>Carefully and recovery</li> <li>Carefully check all pars and make such as tools and rags are not last bohind.</li> <li>Carefully check all pars and make such as tools and rags are not last bohind.</li> <li>Mount the boaring on the main shaft, and measure the clearance with the wear fight and indicator or thickness and sizes.</li> <li>Set the main shaft, measure all shaft movements and states.</li> <li>Set the main shaft, measure all shaft movements and states.</li> <li>Set the main shaft, measure all shaft movements and states.</li> <li>Set the main shaft, measure all shaft movements and states.</li> <li>Set the main shaft and mount the bearing in position.</li> <li>Measure the clearance of the wear ring at shew, and corner them to have specified dimensions: the mount them in position.</li> <li>Set and corner them to have specified dimensions: the new orea. Use the set of holds.</li> <li>Set and the state of the state of out the outside from the state of the wear of the wear of the substate and the state of the outside from the carefully result of bohind.</li> </ul>					
<ul> <li>3. Assembly and rocovery</li> <li>3. Assembly and rocovery</li> <li>4. of the article chiral, orbital pars and males sure that foreign interactions and others such as tools and rags are not introduced and been upon the name shaft, and measure the cleanaco with the wear fing at the center, right and field ends, using a dial indicator or thickness gauge.</li> <li>5. Note the main shaft, measure all shaft, movements, and set is a maproximately contral position.</li> <li>(collar)</li> <li>(control and staft and mount the beening in position.</li> <li>(collar)</li> <li>(collar)</li></ul>					[ TERSEL ANTRAS]
<ul> <li>Check the main start, crack of the break at) parts and makes are that (foreign impolation, were and crack of the break on the main shaft, and measure the foreign are and makes and work and parts and makes and makes are not incluent of the break on the main shaft, measure the carter, right and measure the character and contract and parts and makes are not incluent.</li> <li>(3) Mount the over ring and busing are not incluent the break on the main shaft, movement, and start and provintually contract point.</li> <li>(3) Mount the order and makes and makes and makes and measure the character, right and and screen.</li> <li>(3) Mount the order and the main shaft, moreares at a shaft, movement, not and screen.</li> <li>(4) Measure the observation of the were ring and share. Inspect the point pert.</li> <li>(5) For the main shaft, movement, and screen.</li> <li>(5) Rev the main shaft, movement, and screen.</li> <li>(6) Measure the main shaft and mount the bening in position.</li> <li>(7) Taghten the character them in position.</li> <li>(8) Mount the start demages and same or the start demage and correct them in position.</li> <li>(7) Taghten the character them in position.</li> <li>(8) Mount there is no contact correnting in demage.</li> <li>(9) Contact of the shaft demages and same or the outs of the mate and contact.</li> <li>(9) Taghten the character them in position.</li> <li>(9) Ball bening wer, damage and galacter with new one. Use the shaft and mount the bening in the carefully treated bolt.</li> <li>(10) Contact of the Shaft admage and same or the parting in the contact.</li> <li>(11) Taghten the case of the shaft admage and the move of the mate and contact.</li> <li>(12) Taghten the case of the and the outs of the mate of the mate of the shaft admage and same of the shaft admage and contact.</li> <li>(13) Defended and the outs of the mate of the shaft admage and the outs of the shaft admage and the outs</li></ul>			2. After cleaning and adjustment	3. Assembly and recovery	within ± 5/100 mm in circumferential direction
<ul> <li>Broston, werr and crack of the interaction of the benefice and others and a crack of the impoliter.</li> <li>Contact damage and ware and crack of the benefice and others and bushing on the other main shaft, and neceasing and bushing and bushing and bushing.</li> <li>(2) Mount the benefice of the ware fing and bushing and bushing and bushing and bushing.</li> <li>(3) Moant the benefice of the ware fing and bushing and bushing and bushing and bushing and bushing.</li> <li>(3) Moant the benefice of the ware fing and bushing and bushing and bushing and bushing and bushing.</li> <li>(3) Moant the main shaft rearout the postion.</li> <li>(4) Meaure the charamoo of the ware fing and sterier, stating and sterier and mount the postion.</li> <li>(5) Hootanical seal contact, scrutch and therming used correct them to have specified dimensions. (An analyse and contact of the shaft admount.</li> <li>(5) Hootanical seal contact, scrutch and dimenses and admore and contact of the bashit seal, and family reasted bushing in postion.</li> <li>(6) Hootanical seal contact, acrutch and diamage and contact of the bashit seal and nount the bashit and mount the bashit seal and an and tarming, and make such as a contact. Annage and galoas with new once. Use the main shaft and mount the bashit seal and in a shaft and mount the bashit seal, and diamage and contact.</li> <li>(7) Hootanical seal, and diamage and galoas with new once. Use the finance of the bashit seal, and priver parting muse to inside from the contact make.</li> <li>(8) Ball beening wear, damage and tarming there is no contact make.</li> <li>(9) Hootanical seal, and promoting there is no contact make.</li> <li>(9) Hootanical seal, and promoting there is no contact make.</li> <li>(10) Hootanical seal, and promoting there is no contact make.</li> </ul>			(1) Check the main shaft.		within ± 3/100 mm in facial direction
<ul> <li>and crack and the boshing on the main shaft, and measure as a carent of the chemano with the wear ring at the coerter, right and fill indicator or thickness gauge.</li> <li>If the wear</li> <li>Ro the main shaft, measure all shaft movement, and set it at an approximately central position.</li> <li>Dout</li> <li>(a) Measure the cheatenace of the wear ring and shere, and set it at an approximately central position.</li> <li>Dout</li> <li>(b) Measure the cheatenace of the wear ring and shere, and set it at an approximately central position.</li> <li>Dout</li> <li>(c) Incorporate the cheatenace of the wear ring and shere, and state and mount there is position.</li> <li>(c) Incorporate the cheatenace of the wear ring and shere, and action in position.</li> <li>(c) Replace packings and gautous with new ones. Use carefully transed bolts.</li> <li>(c) Tighten the casing fit surface to ensure that torque will be explicied uniformly toward bolts.</li> <li>(c) Tighten the casing fit surface to ensure that torque will be explicied uniformly toward bolts.</li> <li>(c) Tighten the casing fit surface to ensure that torque will be explicied uniformly toward bolts.</li> <li>(c) Tighten the casing fit surface to the outside from the pump is normally opporting there is no contact inside.</li> </ul>			Eroson, wer and	subsences and others auch as tools and rags are not	
<ul> <li>and crack (2) Mount the benefing on the main shaft, and measure ing a clocateneous with the wear ring a the center, right and left ends, using a club indicator or thickness gauge.</li> <li>f the wear</li> <li>(2) For the main shaft, measure all shaft movement, and set it at an approximately central position.</li> <li>bout</li> <li>(4) Measure the clearance of the wear ring and shere, and set it at an approximately central position.</li> <li>bout</li> <li>(5) For the main shaft, measure all shaft movement, and set it at an approximately central position.</li> <li>bout</li> <li>(6) Measure the clearance of the wear ring and shere, and set at an once them to have specified dimensions. then mount there is no context many, and ranks and names that context and the sure that torque there is no context mark, and ranks even that torque will be applied uniformly toward the outside from the pump is normally there is no context mise.</li> </ul>					
Trans Cruch and Cruch and			b) Contact damage and wear and crack		
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Dout fis with the Source Sourc			d) Measure the character of the wear		:
bout this with the () this with the () the set oil () these and oil () these and these and these and the () the first () t	:		ring and bushing.		
Aller Al			e) Measure the main shaft runout		
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Creack, and privet pad context. () Measure the dearance of cacit part of the bearing.			c) Thrust bearing wear, damage and		
(c) Measure the dearance of acth part of the bearing.			crack, and pivot pad contact		
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		Inspection item	(4) Inspect the caung	<ul> <li>A) Blow hole, cronion and crack</li> <li>b) Control for uniform and builts</li> </ul>	(5) Inspect the coupling	a) Wear and crack of goar coupling and	b) Cear couping and Orang	deterioration and bolt damage	bh i	c) Wear and canage of lange coupling, bushing and bolt	e) Measuro the String between	coupling and shall	(1) Measure the main shaft movement	and thrust position.	(2) Insuce the casing, gasket and (3) Tighmess of the casing, gasket and		(4) Bearing fit conditions //> Common and rightness of the shaft seed	(6) Joint installation and goor coupling hubrication	containg.	<li>(3) Conduct test operation (after assembling).</li>						
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