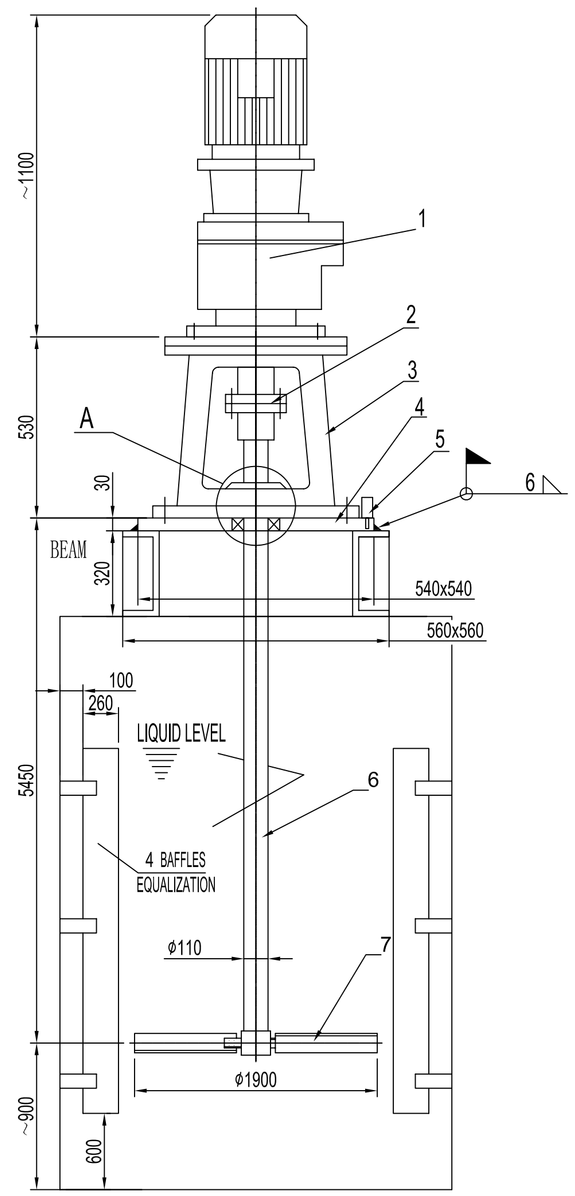
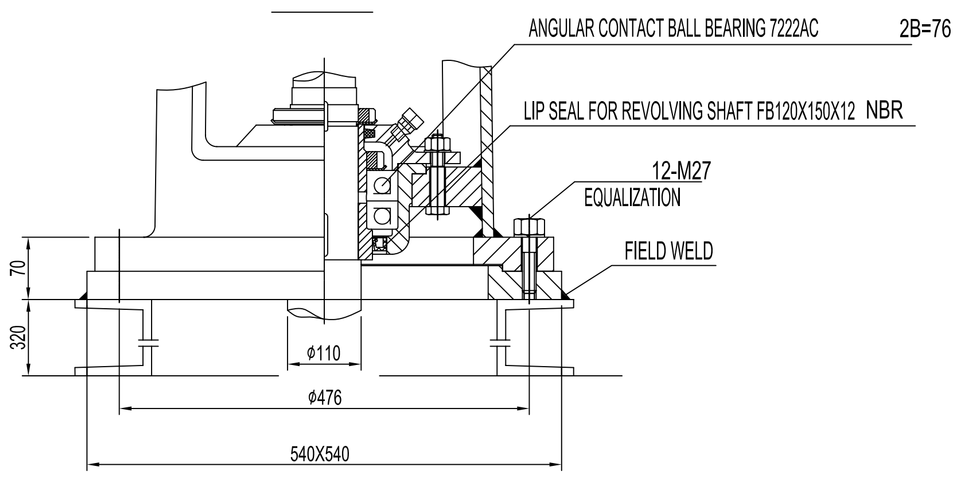
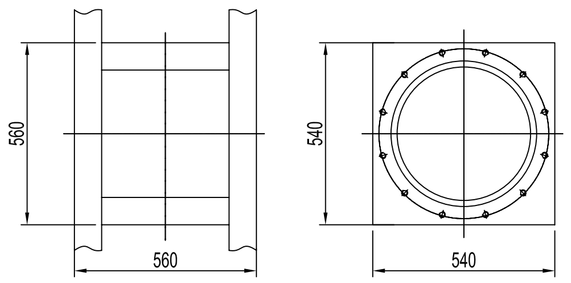
TB2-SDC.VP101-00100-M-M10-DGA-7004



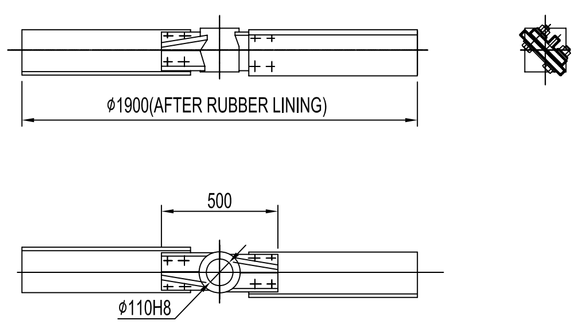
DETAIL A



BEAM AND MOUNTING BASE



IMPELLER XCJ1900-110T1/LR



WELDING TECHNICAL REQUIREMENT:
FIRST，FIX THE VESSEL VERTICALLY BY USING PLUMB LINE, SECOND, WELD THE LANGE MOUNTING BASE HORIZONTALLY BY GRADIENTER.THE HORIZONTAL TOLERANCE IS NO MORE THAN 0.15 MM.

1

INITIAL OPERATION NOTES

1. AFTER COMPLETING INSTALLATION OF THE AGITATOR ASSEMBLY, FILL THE TANK WITH WATER TO A LEVEL OF 5500mm.
2. BUMP THE MOTOR TO VERIFY PROPER ROTATION AS INDICATED ON THE MOTOR.
3. OPERATE THE AGITATOR FOR A MINIMUM OF FOUR (4) HOURS.
4. VISIBLY VERIFY THAT THE AGITATOR IS ROTATING SMOOTHLY WITHOUT ANY WOBBLE OR VIBRATION.
5. IF THERE ARE ANY INDICATIONS OF SIGNIFICANT WOBBLE/VIBRATION, BEARING NOISE OR MOTOR NOISE, SHUT DOWN THE AGITATOR ImmEDIATELY AND CONTACT THE MANUFACTURER.

NOTE:

1.IMPELLER BLADE TO SHAFT HUB FASTENER MATERIAL IS DUPLEX 2507.
2.SHAFT AND IMPELLER IS NATURAL RUBBER LINED A MINIMUM OF 6mm THINKNESS.
3.FOR INSTALLATION INSTRUCTIONS, REFERENCE INSTRUCTION MANUAL REFER TO TB2-SDC.VP101-00100-M-M10-MAN-7001.
4.THE PAINT MANUFACTURE IS JOTUN COATING CO., LTD.
5.THE TANK PENETRATION FOR THE AGITATOR SHAFT TO BE 150mm;MANHOLE TO BE 600mm.
6. ALL UNITS OF ELEVATION AND DIMENSION IN THIS DRAWING ARE IN MILLIMETER.
7.FINISHED GRADE ELEVATION EL.±0.000m = EL.+4.5m ABOVE MEAN SEA LEVEL.
8.1SET / PER.TANK.

TECHNICAL PARAMETER LIST

EQUIPMENT	AGITATOR OF RECLAIM WATER TANK A/B
KKS.	04HTL70AM001/002
OPERATING PRESSURE Mpa	ATM
OPERATING TEMPERATURE ℃	50
FLUID DENSITY Kg/m^3	1020～1060
FLUID VISCOSITY cP	9
NO. OF BAFFLES	4
MIXING TASK	SOLID SUSPENSION
FLUID NAME	SLURRY
TOTAL VOLUME m^3/SIZE mm	117.8/φ5000X6000
EXPLOSION-PROOF CLASS	NON EX-PROOF
PROTECTION CLASS	IP55/F/B
MOTOR RPM, KW, NUMBER OF PHASES, AND HZ	Y5.5KW-4P/400V/50HZ/IE2(RPM:1440)
OUTPUT ROTATION SPEED RPM	39
TIP SPEED m/s	3.88
DIRECTION OF FLOW	DOWN
SHAFT POWER KW	3.96
STATICAL LOAD kg	1150
DYNAMICAL LOAD — VERTICAL AXIAL FORCE kg	2300
DYNAMICAL LOAD — TORSIONAL MOMENT Nm	2693
DYNAMICAL LOAD — BENDING MOMENT Nm	1648

NO.	DESCRIPTION	MATERIAL	QTY	WEIGHT(kg)	NOTE
7	IMPELLER XCJ1900-110T1/LR	CS./RUBBER LINING	1	100	
6	SHAFT SA110-5450T4/LR	CS./RUBBER LINING	1	420	
5	VIBROSWITCH	ASSEMBLY	1	3	
4	MOUNTING BASE R540X540-30T1(OIL SEAL)	CS.	1	45	
3	MOTOR SUPPORT FRAME JXD90B	ASSEMBLY	1	235	
2	COUPLING GT70/90	ASSEMBLY	1	45	
1	REDUCER CF102U-5.5/39	ASSEMBLY	1	220	

DOCUMENT SUBMISSION STATUS: FF

NOTE:

REV	DATE	DESCRIPTION	DRWN	CHKD	APRD
1	6 MAY. 2015	FOR FINAL	WULIANG	FUMEIHUA	ZOUCHENG
0	9 JAN. 2015	FOR FINAL	WULIANG	FUMEIHUA	ZOUCHENG
B	10 SEP. 2014	FOR APPROVAL	WULIANG	FUMEIHUA	ZOUCHENG
A	02 JUN. 2014	FOR APPROVAL	WULIANG	FUMEIHUA	ZOUCHENG

DAELIM INDUSTRIAL CO., LTD.	
JOB NO.	110180
	A-APPROVED
	B-APPROVED WITH COMMENTS
	C-RETURNED FOR CORRECTION
	D-REJECTED
	N-NOT APPLICABLE(REFERENCE ONLY)

SIGNED BY: DATE:

DIC'S PERMISSION TO PROCEED OR REVIEW TAKEN ON VENDOR PRINTS SHALL NOT RELIEVE VENDOR FORM ITS RESPONSIBILITIES OR LIABILITIES UNDER THE PURCHASE ORDER.

BIP SUB-SUPPLIER: ZHEJIANG GREATWALL REDUCER CO. , LTD.

OWNER: VIETNAM OIL AND GAS GROUP (PVN)

OWNER'S CONSULTANT: FICHTNER GmbH & Co. KG (FICHTNER); PV POWER PCC

EPC CONTRACTOR: PETROVIETNAM CONSTRUCTION JOINT STOCK CORPORATION (PVC)

EPC CONSTRACTOR'S CONSULTANT: WORLEYPARSONS

POWER ISLAND PACKAGE SUPPLIER: SOJITZ CORPORATION; DAELIM INDUSTRIAL CO., LTD.

PROJECT TITLE: THAI BINH2 THERMAL POWER PLANT 2 x 600MW

DRAWING TITLE: M10 FGD PLANT RECLAIM WATER TANK AGITATOR OUTLINE

BIP SUPPLIER: BABCOCK & WILCOX BEIJING CO., LTD.

FUNCTION	NAME	SIGN	DATE
DRWN	WULIANG		6 MAY. 2015
CHKD	FUMEIHUA		6 MAY. 2015
APPD	ZOUCHENG		6 MAY. 2015

BIP SUB-SUPPLIER: WUHAN KAIDI ELECTRIC POWER ENVIRONMENTAL CO.,LTD.

DRAWING NO. TB2-SDC.VP101-00100-M-M10-DGA-7004 | JOB NO. 110180 | SCALE 1/100 | REV.NO. 1

FILE NAME TB2-SDC.VP101-00100-M-M10-DGA-7004 Rev.1

A2 (420mm x594mm)