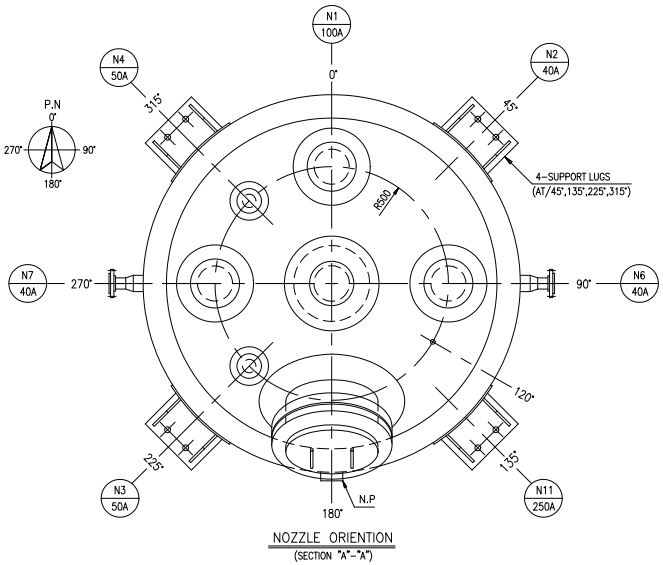
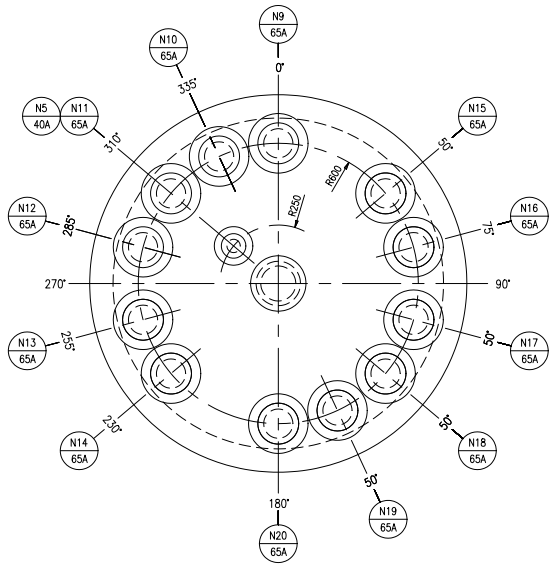
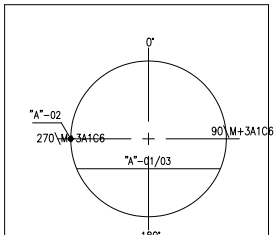


NOZZLE ORIENTION
(SECTION "A"-"A")

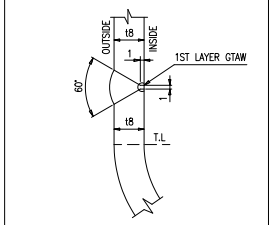


NOZZLE ORIENTION
(SECTION "B"-"B")

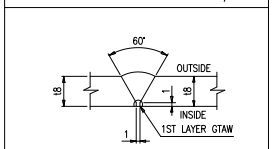


ELEVATION

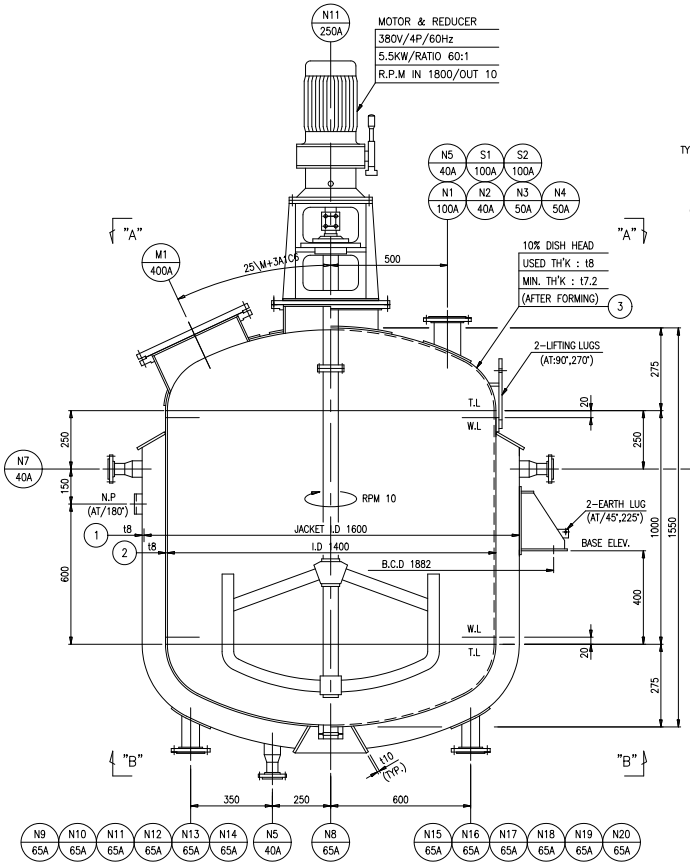
WELDING SEAM PLAN



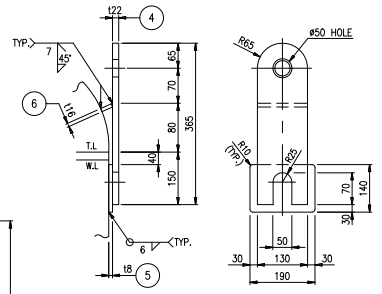
DETAIL OF WELDING SEAM : "B"-01/02



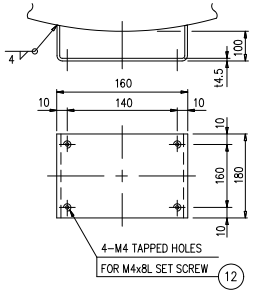
DETAIL OF WELDING SEAM : "A"-01~03



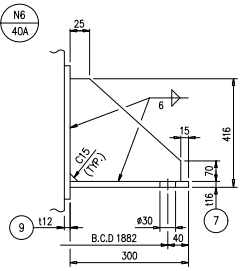
ELEVATION

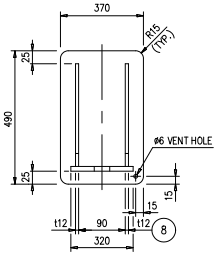


LIFTING LUG
(AT/90°,270°)

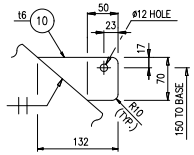


NAME PLATE BRACKER (11)
(AT/180°)





LIFTING LUG
(AT/45°,135°,225°,315°)



EARTH LUG
(AT/45°,225°)

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.
2. ALL BOLT HOLES SHALL STRADDLE NORTH & SOUTH CENTER LINE OR NATURAL HORIZ. & VERT. CENTER LINE OF EQUIPMENT UNLESS OTHERWISE NOTED.
3. NOZZLE PROJECTION ARE FROM CENTER LINE OF VESSEL, OR NEAREST TANGENT LINE TO GASKET FACE OF FLANGE.
4. ALL EXTERNAL FLANGE GASKET CONTACT SURFACE SHALL BE FINISHED WITH 125~250 AARH (MICRO-INCH)
5. TO BE PERFORMED INSIDE ACID CLEANING WORK.

DESIGN DATA

CODE		ASME SECT. VIII DIV. 1	TYPE		VER.
NO. OF REQ'D		ONE(1)	TYPE OF HEAD		–
KIND OF FLUID		–	REGULATION		–
PRESS. (KG/CM²G)	DESIGN	ATM	CODE STAMP		NO
	OPERATING	ATM	WEIGHT (KG)	EMPTY	–
TEMP. (°C)	DESIGN	–		ERECTION	–
	OPERATING	–		OPERATING	–
HYDRO. TEST PRESS. (KG/CM²G)		F.W		FULL OF WATER	–
PNEUM. TEST PRESS. (KG/CM²G)		–	CAPACITY (M³)		–
M.A.W.P (KG/CM²G)		–	SPECIFIC GRAVITY		–
MIN. DESIGN METAL TEMP. (°C)		–	FIRE PROOFING (MM)		–
CORROSION ALLOWANCE (MM)		–	STRESS RELEIF.		–
POST WELD HEAT TREATMENT		NO	WIND VELOCITY (M/SEC.)		–
RADIOGRAPHY EXAM.		20%	SESMIC ZONE		–
JOINT EFFICIENCY (%)		0.85	PAINTING		–
INSULATION (MM)		YES			

NOZZLE LIST

MARK NOZZLE	NO. REQ'D	SIZE NOM	SCH	RATING	TYPE	FACING	SERVICE	PROJECTION TO C.L	REMARK
N1	1	100A	40	JIS 10K	S.O	R.F	SPARE	–	
N2	1	40A	80	JIS 10K	S.O	R.F		–	
N3	1	50A	40	JIS 10K	S.O	R.F		–	
N4	1	50A	40	JIS 10K	S.O	R.F	FEED HAED	–	
N5	1	40A	80	JIS 10K	S.O	R.F	DISCHARGE HOLE	–	
N6	1	40A	80	JIS 10K	S.O	R.F	OIL IMPORT	–	
N7	1	40A	80	JIS 10K	S.O	R.F	OIL OUTLET	–	
N8	1	40A	80	JIS 10K	S.O	R.F	WASTE MATERIAL MOUTH	–	
N9	1	40A	80	JIS 10K	S.O	R.F	PART EXPORNATION	–	
N10	1	40A	80	JIS 10K	S.O	R.F	PART EXPORNATION	–	
N11	1	250A	40	JIS 10K	S.O	R.F	PART EXPORNATION	–	
N12	1	40A	80	JIS 10K	S.O	R.F	PART EXPORNATION	–	
N13	1	40A	80	JIS 10K	S.O	R.F	PART EXPORNATION	–	
N14	1	40A	80	JIS 10K	S.O	R.F	PART EXPORNATION	–	
N15	1	40A	80	JIS 10K	S.O	R.F	PART EXPORNATION	–	
N16	1	40A	80	JIS 10K	S.O	R.F	PART EXPORNATION	–	
N17	1	40A	80	JIS 10K	S.O	R.F	PART EXPORNATION	–	
N18	1	40A	80	JIS 10K	S.O	R.F	PART EXPORNATION	–	
N19	1	40A	80	JIS 10K	S.O	R.F	PART EXPORNATION	–	
N20	1	40A	80	JIS 10K	S.O	R.F	PART EXPORNATION	–	
M1	1	400A	–	–	–	–	MANHOLE	–	
S1/2	1	100A	40	JIS 10K	S.O	R.F	MOUTH	–	

NO.	DESCRIPTION	MATERIAL	Q'TY	SIZE	REMARK
12	SET SCREW	SS400	4	M4x8L	
11	NAME PLATE BRACKET	SUS304	1	t4	
10	EARTH LUG	SUS304	2	t6	
9	REINF.PAD	SUS304	4	t12	
8	SUPPORT PLATE	SS400	4	t12	
7	BASE PLATE	SS400	4	t16	
6	SUPPORT PLATE	SS400	2	t16	
5	REINF.PAD	SUS304	2	t12	
4	LIFTING LUG	SS400	2	t12	
3	HEAD	SUS304	2	t8 (10% DISH)	
2	SHELL PLATE	SUS304	1	t8	
1	SHELL PLATE	SUS304	1	t8	

MATERIAL LIST FOR ONE SET

Shaanxi Yi Tao Tan Trading Co .,Ltd.

CONTRACTOR :

REV.	DATE	DESCRIPTION	DRAWN	CHK'D	APP'D
4					
3					
2					
1					
0	'2005.12.28	FOR APPROVAL	KEM		

VP-KE-03	NOZZLE DETAIL
VP-KE-02	MANHOLE DETAIL
DWG NO.	TITLE

REFERENCE DWG.

JOB NO.	–
APPROVED	
REVIEWED BY	
DRAWING	KEM
SCALE	1 / 15

TITLE
KETTLE TANK
GENERAL ASSEMBLY

DWG. NO. VP-KE-01

REV. NO. 0

A1 (841mm x 594mm)

T514-01