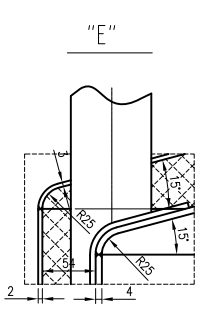
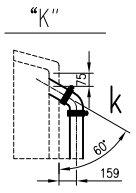
DESIGN DATA SHEET

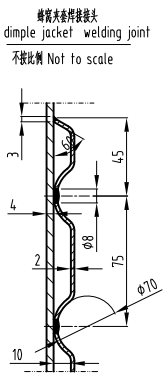
CODE				
	SHELL	JACKET	NON-CODE	
FLUID		STEAM / WATER	WELDING ROD TYPE	As per WPS
FLUID PERFORMANCE	NON LETHAL	NON LETHAL	WELDING REGULATION	NOTE 1
WORKING TEMPERATURE	185	185	WELD STRUCTURE	Compression structure adopts full penetration
WORKING PRESSURE PSI	ATM	14.9	THICKNESS OF FILLET WELD EXCEPT NOTED	As per the thickness of thinner plate
DESIGN TEMPERATURE °F	203	203	PRESSURE TEST TEMPERATURE °F	NO
MDMT °F	32	32°F AT 75PSI	N.D.E. WELDING JOINT CATEGORY	METHOD-EXRATE / ACC. STD.
DESIGN PRESSURE PSI	ORDINARY PRESSURE	75PSI AT 203°F	N.D.E. A,B	SPOT RT UW-11(b) / UW-52
MAWP PSI	ORDINARY PRESSURE	14.9PSI AT 203°F	N.D.E. C,D	
CORROSION ALLOWANCE in	0		TOTAL CAPACITY GAL	6113
JOINT EFFICIENCY SHELL/ HEAD	0.85		IMPACT TEST	Exempted per UHA-51
~~HYDRO. TEST PRESSURE PSI~~	N/A		POSTWELD HEAT TREATMENT	Exempted per UHA-32
GAS LEAKAGE TEST PRESSURE PSI	NO		MASS NET MASS FOR EQUIP.	~~2500~~ Kg
NOZZLE ORIENTATION	AS PER THIS DAWNING		MASS OPERATING MASS	Kg
~~MATERIAL FOR MAIN PRESSURE PARTS~~	~~SA-240M-316L~~ SA-312M TP304	~~SA-240M 304~~	MASS FULL WATER MASS	Kg
~~FULL COEFFICIENT~~	~~0.98~~		INSULATION THICKNESS IN	2

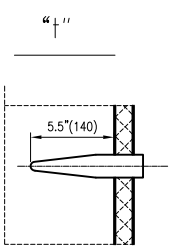
Nozzle Schedule

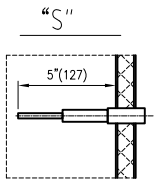
MARK	SIZE	CONNECTING SIZE AND STANDARD	SERVICE	REMARKS
a	2"	TC	CIP	
a1~a2	1-1/2"	TC	CIP	BCF-SB90-30SB-51-102
b	3"	TC	OUTLET PORT	
h	3"	TC	INLET PORT	
k	3"	TC	BREATHABLE OVERFLOW VENT	BCF-76340-3mm
t	1-1/4"	FNPT	TEMPERATURE SENSOR SHEATH WELL	BCF-41247A
s	1/2"	FNPT	THERMOMETER SHEATH WELL	BCF-TW-1/2"-SW-9-1/4"
L	2"	NPT	LIQUID LEVEL SENSOR SHELL	BCF-1777
p1	2"	NPT	JACKET OUT	
p2	2"	NPT	JACKET IN	

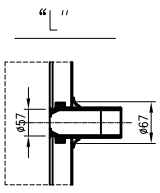


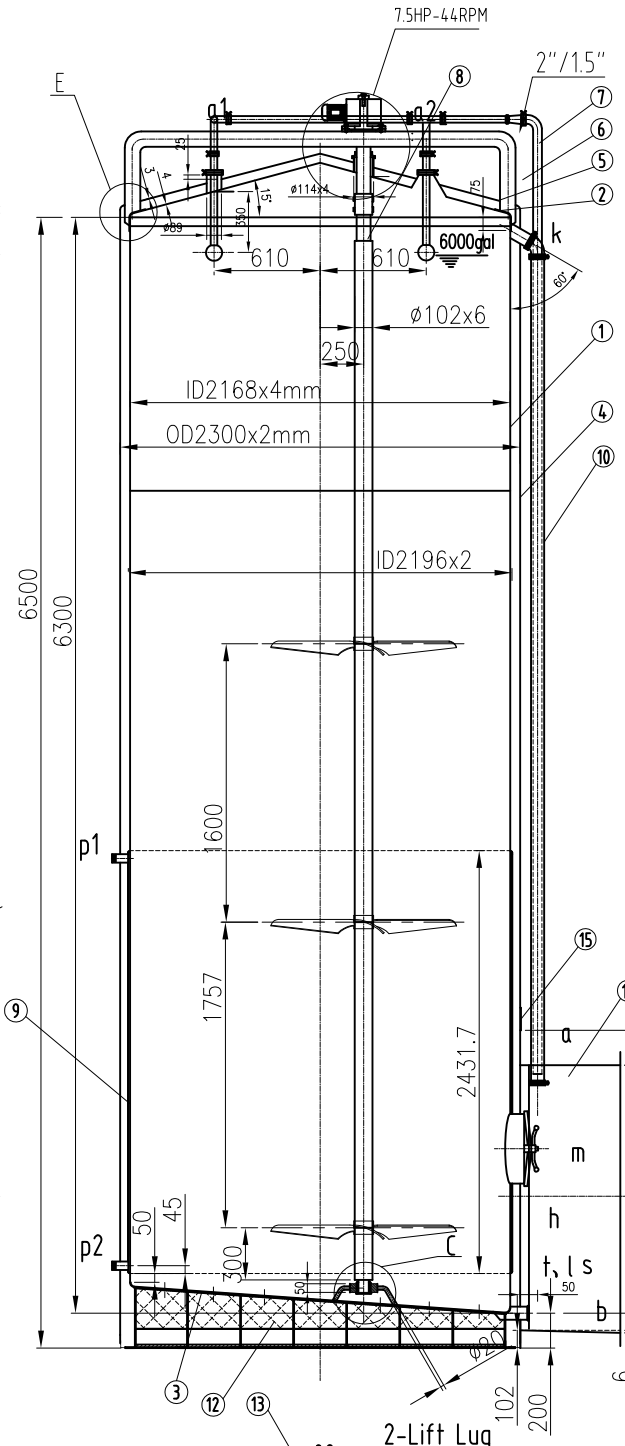


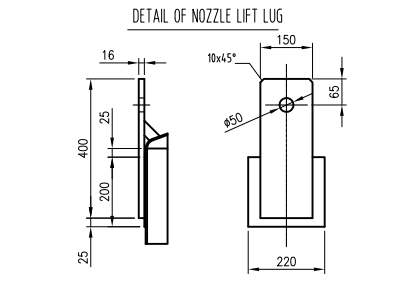


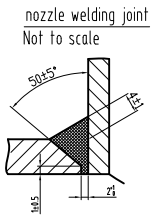


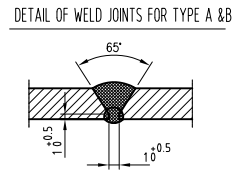


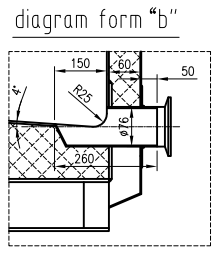


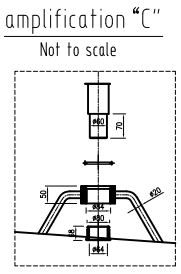


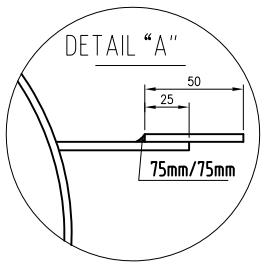


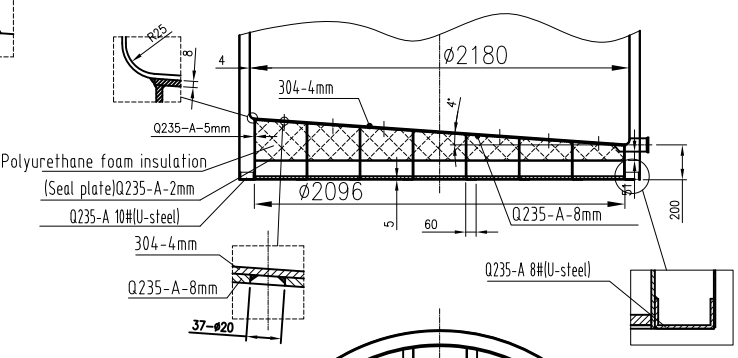


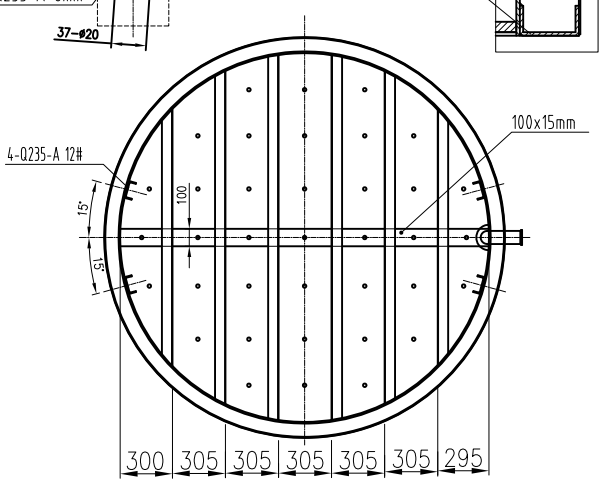


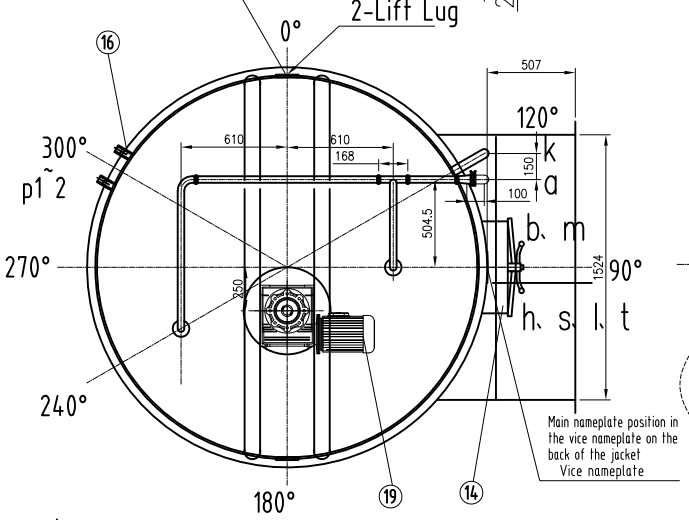


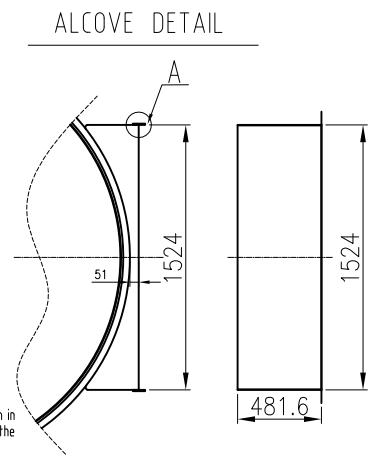


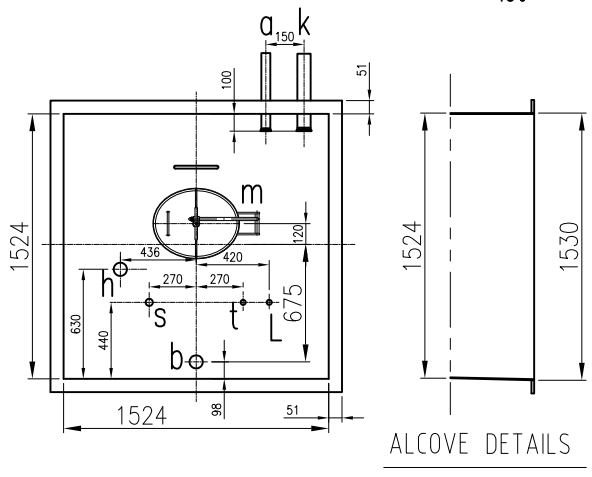


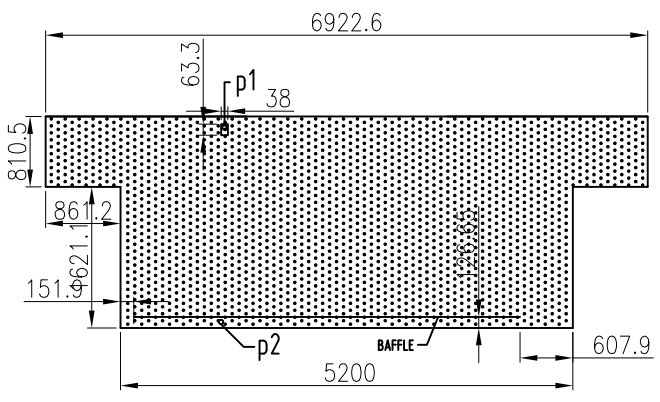












ITEM NO.	DWG.NO STD. NO .	PARTS NAME	QTY	MAT'S	SINGLE MASS	TOTAL MASS	REMARKS
18		Protecting cover	6	SA-240M 304			
17		Stiffening plate	6	SA-240M 304			
16		Take over	6	SA-312M TP304			
15		Nameplate t=2mm	2	SA-240M 304			
14	BCF-SMW2016	manway	1				
13		lifting lugs	2	combination of materials			
12		Base	1	combination of materials			
11		aisle t=4mm	1	SA-240M 304			
10		overflow tube	1	SA-312M TP304			
9		jacket t=2mm	3	SA-240M 304			
8		Mixing System	1	combination of materials			
7		spray system	1	combination of materials			
6		Lintel ø76X6	2	SA-240M 304			
5		Outsourcing the cone t=2mm	1	SA-240M 304			
4		Outsourcing of shell OD2300X2/L=6550	1	SA-240M 304			
3		inner bottom plating t=4mm	1	SA-240M 304			
2		Cone t=4mm	1	SA-240M 304			
1		Shell ID2168x4/L=6271	1	SA-240M 304			

NO	DATE	DESCRIPTION OF REVISION

Technical Requirement

1.Unless otherwise specified,All the welding joints for pressure parts are of full penetration type, continuous, and shall be welded as per the WPS designated by JIC;

2.Unless otherwise specified, the unspecified tolerance of dimension comply with HG20584-2011 or non machining parts,GB/T1804-2000 Class C for machining parts.

3:All internal welding
burnish is flat and level, the outside weld grinding smooth, fillet weld arc transition, jacketed inside weld keep original shape.

4.Interior finish : RA25,The lateral keep original 2 B board face.

5.The main plate spot welding; The vice Nameplates for all welding, Weld seam polishing: RA25

6.The user shall be in charge for installing safety devices in outer pipe system connected to this tank,and to ensure the pressure in the tank not exceeding its MAWP pressure;

7.This equipment's packing and transportation shall conform to the regulation of 《Pressure Vessel Coating and Transportation Packing》,JB/T4711-2003. In the process of transportation, equipment inside and outside should add stents to prevent deformation.

8.Lifting lug lifting up the empty equipment role.

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BCAST STOCK 6000

6000USG MIXER TANK

SCALE: NONE | DATE: 02/26/2016 | BY: MING/SUN | PROJNO. 1 | FILE NAME: MIXER TANK | 6000USG MIXER TANK | 1 REV.