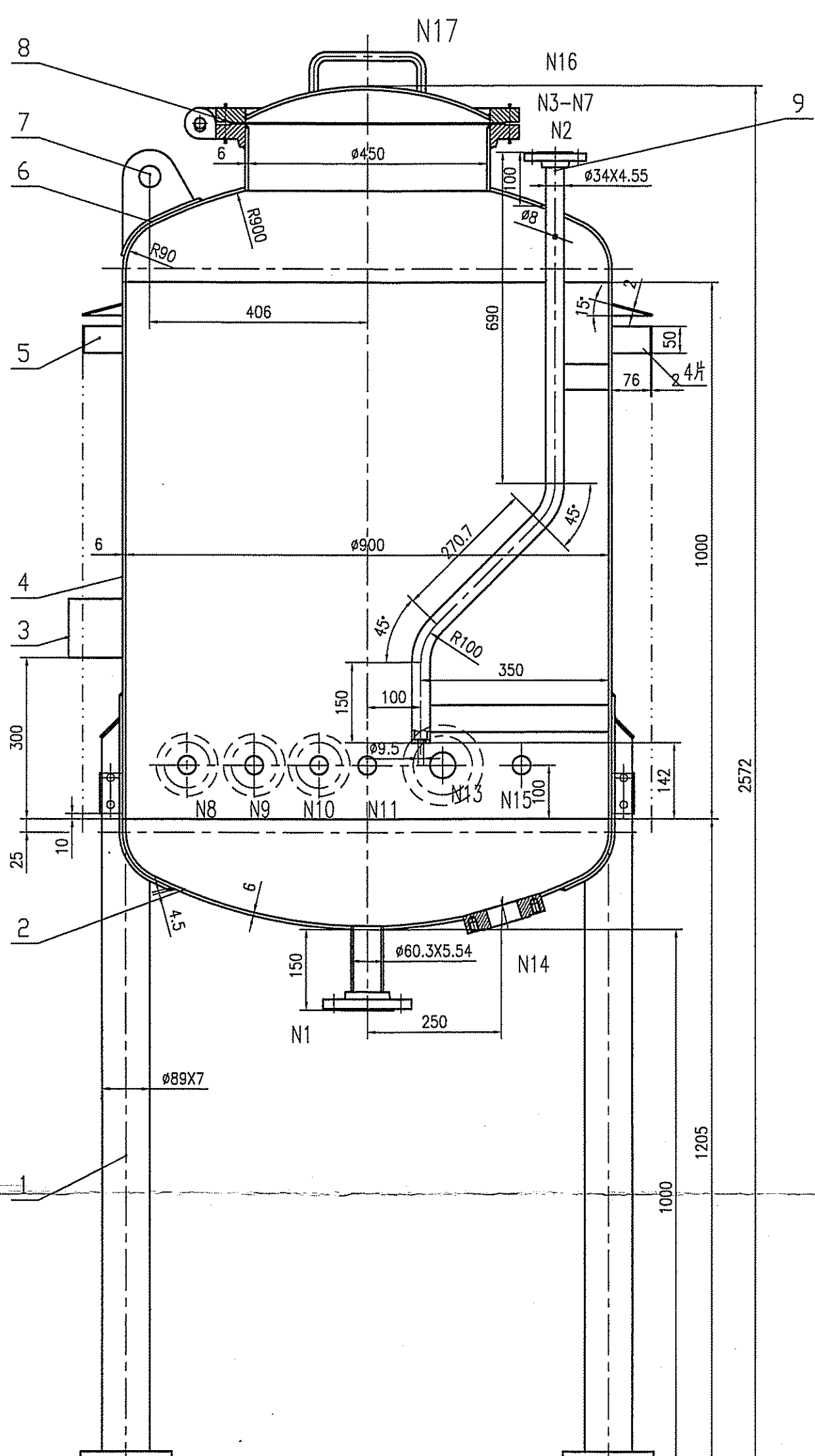


TECHNICAL SPECIFICATION & DATA			
CODE	ASME BPVC Section III Division 1 2007 ED +2008AD	设计压力 MPa	0.35
操作压力 MPa	0.31	设计温度 °C	150
操作温度 °C	100	设计温度 °C	150
介质名称	water max 15 wt% ammonia	介质特性	No lethal
腐蚀裕量 mm	1	水压试验压力 MPa	0.46
焊接接头系数 E	0.85	水压试验介质名称	水 Water
全容积 m³	0.75	水压试验温度 °C	5-45
最低设计金属温度 °C	0 at 0.35MPa	换热面积 m²	NA
MDMT	0 at 0.35MPa	冲击试验	Not Required
MAWP	0.35MPa at 150°C	主要承压元件材料	SA/GB6654 16MnR
重量 Kg	/	焊接方法	GTAW, GMAW
Full Water	/	焊后处理	Not Required
RT Requirement	Shell UW11(b)+ Spot RT	UT Requirement	UW-52
Painting Requirement	防锈底漆50-60um, 银灰色面漆50-60um.	Insulation	76

NOZZLE SCHEDULE							
符号	公称规格	连接法兰标准	密封面	用途或名称	管子尺寸	角度	到中心距离
ITEM	SIZE	STANDARD	JOINT TYPE	NAME	PIPE	Angle	Distance to center
N1	2"	ASME16.5-2003	SO RF	Tank outlet	ø60.3X5.54		
N2	1"	ASME16.5-2003	SO RF	Recirculation return	ø34X4.55		
N3	1"	ASME16.5-2003	SO RF	Ammonia hotwell inlet	ø34X4.55		
N4	1"	ASME16.5-2003	SO RF	Jet hotwell inlet	ø34X4.55		
N5	1.5"	ASME16.5-2003	SO RF	Pressure relief valve	ø48X5.08		
N6	1"	ASME16.5-2003	SO RF	Tank vent	ø34X4.55		
N7	1"	ASME16.5-2003	SO RF	Process water inlet	ø34X4.55		
N8	1"	ASME16.5-2003	SO RF	Instrument nozzle #1	ø34X4.55		
N9	1"	ASME16.5-2003	SO RF	Instrument nozzle #2	ø34X4.55		
N10	1"	ASME16.5-2003	SO RF	Instrument nozzle #3	ø34X4.55		
N11	1/4"	/	Welded	Sample Nozzle	/		
N12	2"	ASME16.5-2003	SO RF	Spare nozzle	ø60.3X5.54		
N13	1.5"	ASME16.5-2003	SO RF	Spare nozzle	ø48.3X5.08		
N14	2"	/	Pad flange	level transmitter nozzle	/		
N15	M18X1.5	/	Threaded	Temperature probe	/		
N16	2"	/	Pad flange	level sensor nozzle	/		
N17	18"	/	RF	manway	ø462X6		

U stamp

National Board N.O.:

CERTIFIED BY

JIANGYIN BOILER & VESSEL FACTORY

W 0.35 MPa at 150 °C

Max. Allowable Working Pressure

RT3 0 °C at 0.35 MPa

Min. Design Metal Temperature

WEILONG Manufacturer Serial Number 2009 Year Built

No	Code	Name	Description	Qty	Material	Single Weight	Total Weight	Remark
28		鞍座	L=5	2	304			
27		保温层		1	Q235-A			按各管口详图
26	WL0904-03	鞍座		1	SA-106 GrB			
25	WL0904-02	温度传感器	Temperature	1	SA-106 GrB			
24	WL0904-04	凸缘	NPS2 Pad flange	2	SA-105			
23		垫片	ø71/ø50 t=3 Gasket	1	EPDM			
22	ASME B16.5-2003	垫圈	NPS1.5 Class150 So-RF Blind Flange	4	B7/SA-193M			
21	ASME B16.5-2003	垫圈	NPS1.5 Class150 So-RF Blind Flange	4	B7/SA-193M			
20	ASME B16.5-2003	垫圈	NPS1.5 Class150 So-RF Blind Flange	1	SA-105			
19		垫片	ø90/ø62 t=3 gasket	1	EPDM			
18	ASME B16.5-2003	垫圈	NPS1.5 Class150 So-RF Blind Flange	4	B7/SA-193M			
17	ASME B16.5-2003	垫圈	NPS1.5 Class150 So-RF Blind Flange	4	B7/SA-193M			
16	ASME B16.5-2003	垫圈	NPS1.5 Class150 So-RF Blind Flange	1	SA-105			
15		垫圈	ø48.3X5.08	2	SA-106 GrB			
14	ASME B16.5-2003	垫圈	NPS1.5 Class150 So-RF Flange	2	SA-105			
13		垫圈	ø34X4.55	7	SA-106 GrB			
12	ASME B16.5-2003	垫圈	NPS1 Class150 So-RF Flange	7	SA-105			
11		垫圈	ø60.3X5.54 L=150	1	SA-106 GrB			
10	ASME B16.5-2003	垫圈	NPS2 Class150 So-RF Flange	1	SA-105			
9	WL0904.02	管口	N2	1	Subassembly			
8	WL0904.01	人孔	DN450 Manway	1	Subassembly			
7		吊耳	Lift lug					
6		吊耳垫板	200X100X6 Plate	2	SA/GB6654 16MnR			
5		保温层	insulation support	1	Q235-B			
4		垫圈	DN900X6 L=1000	1	SA/GB6654 16MnR			
3		NPL		2	304			
2	WL0904-01	鞍座	DN900X6 L=90 R=900 Dish head	2	SA/GB6654 16MnR			
1	JB/T4713-92	鞍座	Lug Support 支腿	4	Subassembly			

Rev

Comment

Signature

Date

Drawn

Checked

Reviewed

Approved

Scale

Weight

Job NO:

Drawing NO: WL0904.01 Rev.00

江阴市锅炉容器厂

Jiangyin Boiler & Vessel Factory

0.75m³ Fresh Ammonia Tank

Tag: V1301

108927