

I、Design Specific and Standard		I. The design of this product is bas Regulations" NB/T47052-2016 "Simple Pressure		6 "Stationary Pressure	Vessel Safety Technical Supervision
Design pressure	MPa	0.84	Container c	ategories	Class I (simple container)
Work pressure	MPa	0.8	full volume m³		0. 3
Pressure test pressure	MPa	1. 26	Corrosion allowance mm		0. 5
Set tempreture	r	150	Welded joint factor ф		1
Operating temperature	ъ	<150	Design m	ethod	Computational Method Design
Medium		Air or nitrogen	Product model code		JHa-0. 84
Media properties		Non-toxic, non-flammable		Empty weight	77 kg
Design life		10 years	Quality kg Stainless steel Water filling weight		/
Main material		Q235-B			1

The measured thickness of the cylinder body after forming is not less than 2.82mm; the measured thickness of the head after forming is not less than 2.81mm

II: MANUFACTURING, INSPECTION AND ACCEPTANCE CRITERIA	TSG 21-2016 "Stationary Pressure Vessel Safety Technical Supervision Regulations" NB/T47052-2016 "Simple Pressure Vessel"					
Safety valve opening pressure MPa	0.84		Calculated thickness of barrel mm	1		
test medium	Weter	Welding		Automatic welding		
ttot intoleni	Water	1.0003	X-ray inspection location	For the intersection of Class A weld, the detection length is greater than or equal to 200mm		
Product batch number Tower	≤500 Tower	Welded joint	X-ray film quality	Not lower than AB class		
		NDT	Eligibility criteria	NB/T 47013. 2-2015 III class		

Technical requirements: 1. The orientation of the nozzle and support of this equipment is as shown in the top view. Recommended safety valve model: A28H-10.

- A28H-10.

 2. Container radiographic inspection in accordance with NB/T 47052-2016 8.3.2.3.

 3. Type B weld seam manufacturing units can choose the type of necking or backing plate according to the actual manufacturing process.

 4. The painting, packaging and transportation of this equipment comply with NB/T 10558-2021 "Pressure Vessel Coating and Transportation Packaging".

 5. The equipment is strictly used for overpressure and overtemperature; regularly check the safety accessories; regularly clean the sewage and carbon deposits in the tanks and pipes.

 6. This equipment can only be used in conventional environments, and it is forbidden to use it in corrosive environments such as acid, alkali, and salt.

 7. The user unit needs to test and record the wall thickness of the container regularly (the cycle does not exceed 3 months).

 If the amount of thinning exceeds the corrosion allowance, it must be stopped immediately.

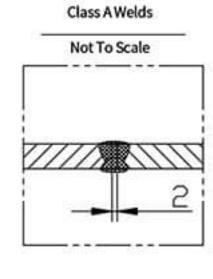
 8. The nameplate is in accordance with the provisions of Annex G of the solid volume regulation, and the thickness of the cylinder, head and connecting pipe is allowed to be replaced by thick.

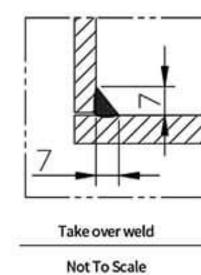
- pipe is allowed to be replaced by thick.

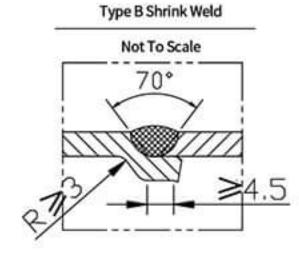
 9. It is forbidden to use if there are more than 0.3mm dents or scratches on the surface of the shell.

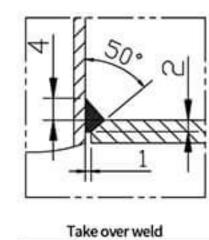
Ⅲ、Welding Table			
Material	Q235-B	20	
Q235-B	H08A/HJ431	J422	
Q235-B	ER50-6	ER50-6	
	<i>V</i>	Nozzle Table	

Symbol	Nominal Size	Link Size Or Standard	Form of sealing surface	Use	Remark
N1	15	GB/T 7306. 1-2000, Rp1/2	Internal thread	Safety valve	
N2	15	GB/T 7306. 1-2000, R1/2	External thread	Sewage outlet	
N3	25	GB/T 7306.1-2000, Rp1	Internal thread	Air intake	
N4	25	GB/T 7306. 1-2000, Rp1	Internal thread	Air outlet	
N5		M14×1.5	Internal thread	Pressure gauge port	









Not To Scale

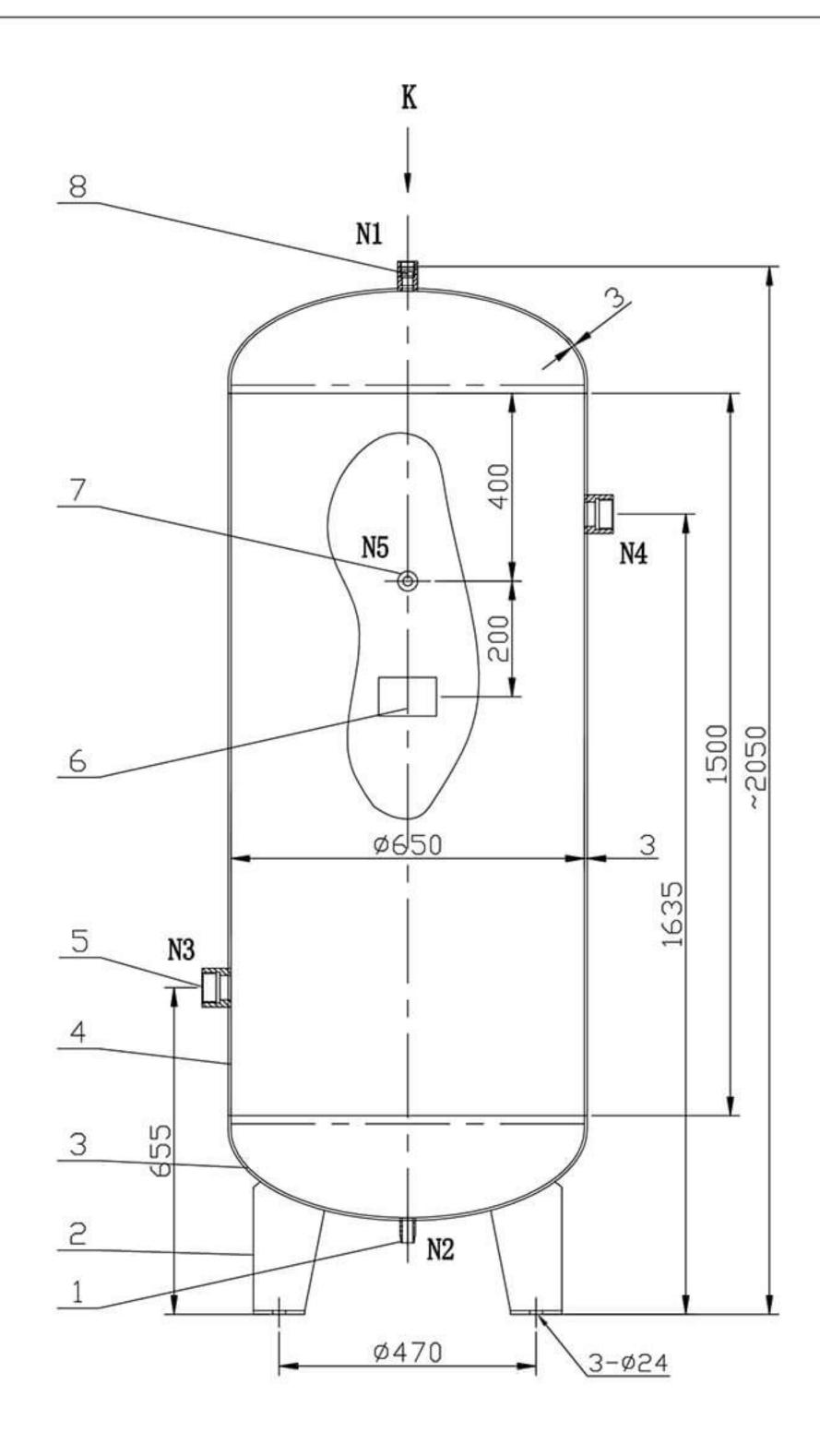
Regular product size error rate:

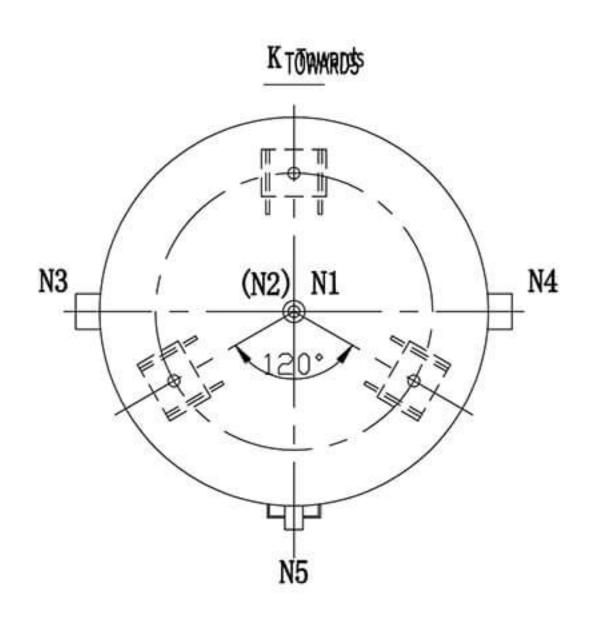
Total height ≤ 50mm, connection height ≤ 50mm, center distance and relative position of support bolt holes ≤ 100mm, Take over the verticality ≤ 10 degrees. This error rate serves as a product acceptance criterion.

If you have higher requirements for dimensional accuracy, please contact the business manager to increase the price for customization.

The manufacturer reserves the right to optimize and improve on the basis of this drawing without prior notice.

serial Iumber	CODE	NAME	QUANTI	Y	MATE	ERIAL	APIECE TOTAL QUALITY	REMARK		
MIMUO	JIANGSU MINNUO MACHINE	RY MANUFACTURING CO., LTD.								
CERTIFICAT NUMBER		257-2025	DESIGN		CHKD	APPR	AUTH' D	DATE		
PROJECT			DRAWING NAME		ME	GA	S TANK			
WORK ARE	4				1	ASSEMB	LY DRAV	VING		
PROPORTIO	N	1 of 1	DRAWING		DRAWING NO.		10.	CQ-C	. 3/0. 8.	0





I、Design Specifica and Standard		I. The design of this product is base Regulations" NB/T47052-2016 "Simple Pressure		"Stationary Pressure V	essel Safety Technical Supervision
Design pressure	MPa	0.84	Container c	ategories	Class I (simple container)
Work pressure	MPa	0.8	Full volume m ³		0.6
Pressure test pressure	MPa	1. 26	Corrosion allowance mm		0. 5
Set tempreture	rc	150	Welded joint factor ф		1
Operating temperature	rc	<150	Design m	nethod	Computational Method Design
Medium		Air or nitrogen	Product mo	odel code	JHa-0. 84
Media properties		Non-toxic, non-flammable	Empty weight		125 kg
Design life		10 years	Quality kg Stainless steel Water filling weight		1
Main material		Q345R			1

The measured thickness of the cylinder body after forming is not less than 2.29mm; the measured thickness of the head after forming is not less than 2.29mm

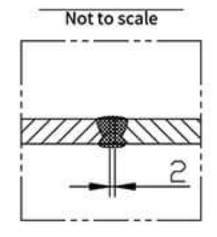
II: MANUFACTURING, INSPECTION AND ACCEPTANCE CRITERIA	NB/T47052-2016 "Stationary Pressure Vessel Safety Technical Supervision Regulations" NB/T47052-2016 "Simple Pressure Vessel"					
Safety valve opening pressure MPa	0.84		Calculated thickness of cylinder	1		
Test medium	Water	welding	A and B welding head requirements	Automatic welding		
resementali	water	_	X-ray inspection location	For the intersection of Class A weld, the detection length is greater than or equal to 200mmAutomatic welding		
Product batch number Tower	≤500 Tower	Welded joints	X-ray film quality	Not lower than AB class		
Welding Specifications	NB/T47015-2011	- 'NDT	Eligibility criteria	NB/T 47013, 2-2015 IIIClass		

Technical requirements: 1. The orientation of the nozzle and support of this equipment is as shown in the top view. Recommended safety valve model: A28H-10.

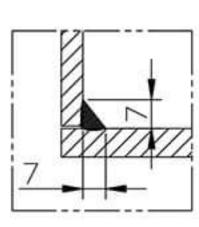
- Container radiographic inspection in accordance with NB/T 47052-2016 8.3.2.3.
- 3. Type B weld seam manufacturing units can choose the type of necking or backing plate according to the actual manufacturing process.
- The painting, packaging and transportation of this equipment comply with NB/T 10558-2021 "Pressure Vessel Coating and Transportation Packaging".
 The equipment is strictly used for overpressure and overtemperature; regularly check the safety accessories; regularly clean the sewage and carbon deposits in the tanks and pipes.
- 6. This equipment can only be used in conventional environments, and it is forbidden to use it in corrosive environments such as acid, alkali, and salt.
- 7. The user unit needs to test and record the wall thickness of the container regularly (the cycle does not exceed 3 months). If the amount of thinning exceeds the corrosion allowance, it must be stopped immediately.
- 8. The nameplate is in accordance with the provisions of Annex G of the solid volume regulation, and the thickness of the cylinder, head and connecting pipe is allowed to be replaced by thick.

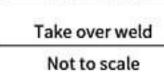
9. It is forbidden to use if there are more than 0.3mm dents or scratches on the surface of the shell.

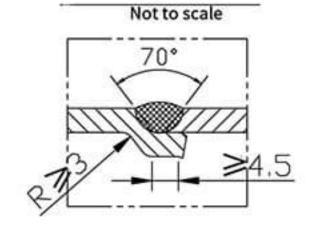
A-01-5'-00	19010000	00.450	7	. 1		
	Material	Q345R		20		
	Q345R	J507+H10Mn2/HJ431	J	507		
	Q345R	ER50-6	ER	50-6		
			Nozzle	table		
Symbol	Nominal Size	Link size or standard		Form of sealing surface	Use	Remark
N1	20	GB/T 7306. 1-2000, F	₹p3/4	Internal thread	Safety valve	
N2	15	GB/T 7306.1-2000,	R1/2	External thread	Sewage outlet	
N3	40	GB/T 7306. 1-2000, Rp	01-1/2	Internal thread	Air intake	
N4	40	GB/T 7306. 1-2000, Rp	01-1/2	Internal thread	Air outlet	
N5		M20×1.5		Internal thread	Pressure gauge port	



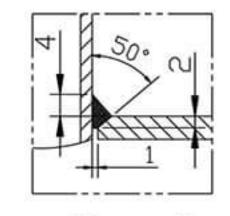
Class A welds







Type B shrink weld



Take over weld Not to scale

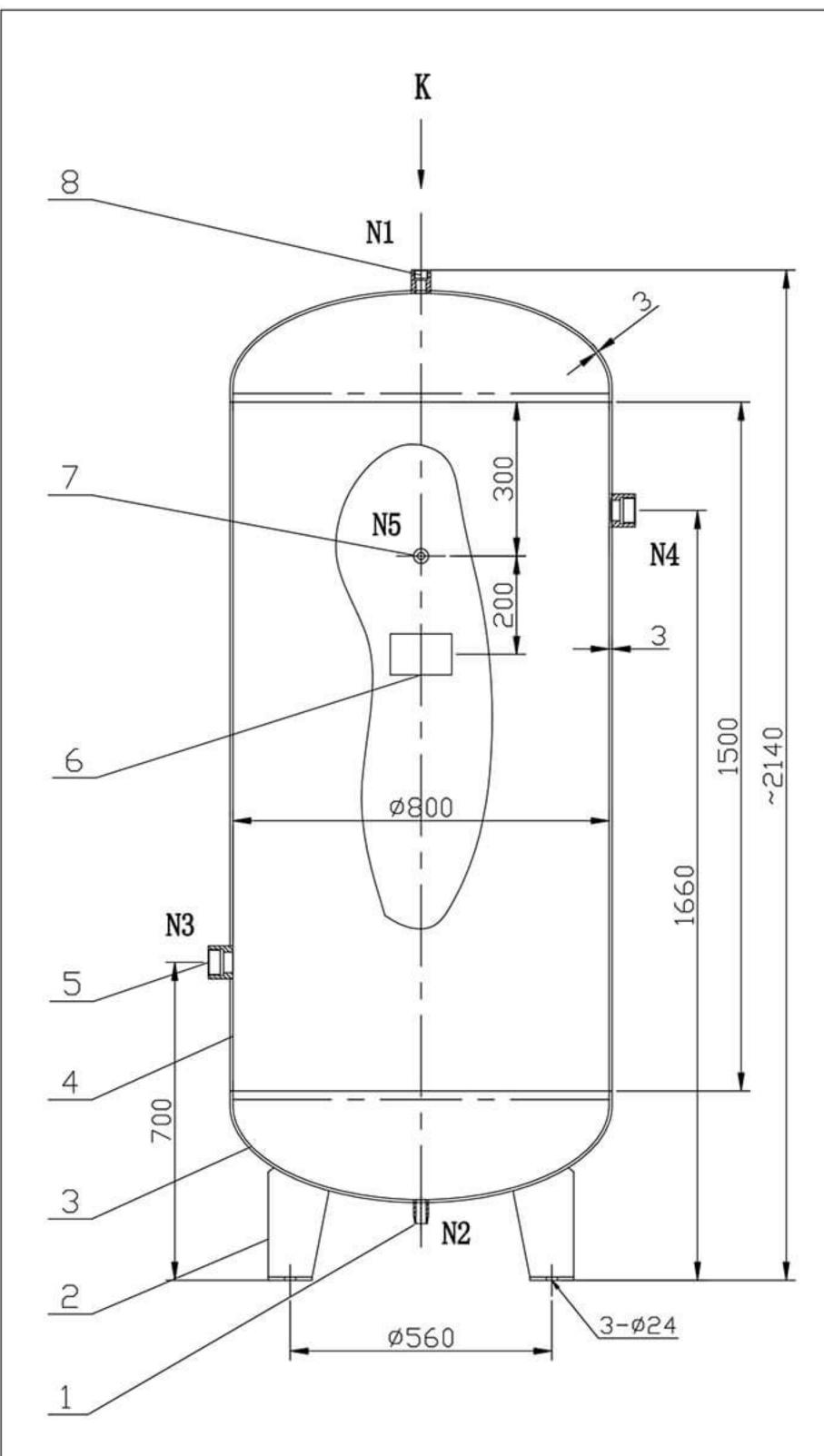
Regular product size error rate:

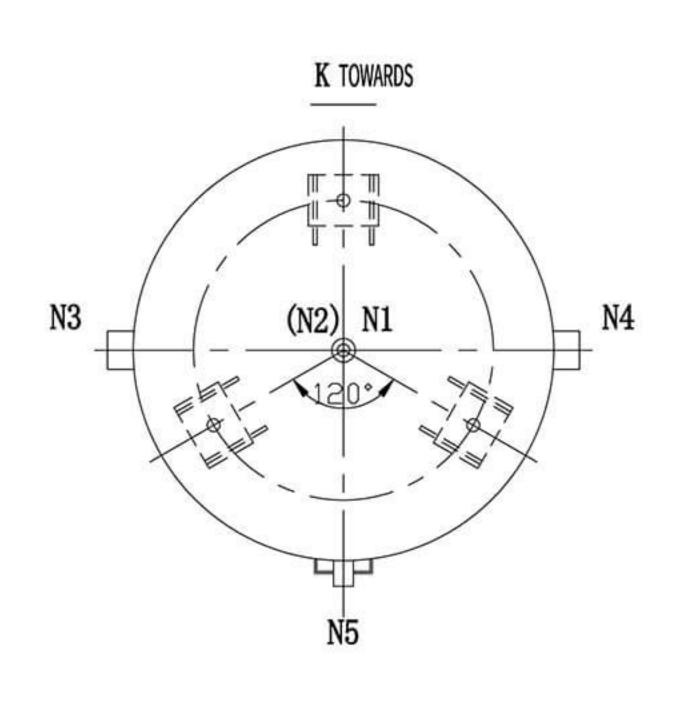
Total height ≤ 50mm, connection height ≤ 50mm, center distance and relative position of support bolt holes ≤ 100mm,

Take over the verticality ≤ 10 degrees. This error rate serves as a product acceptance criterion. If you have higher requirements for dimensional accuracy, please contact the business manager to increase the price for customization.

The manufacturer reserves the right to optimize and improve on the basis of this drawing without prior notice.

SERIAL NUMBER	CODE	CODE NAME		CODE NAME QUANTITY MAT		TER	AL	A PIECE TOTAL QUALITY		REMARK
MINI	JIANGSU MINNUO MACHIN	ERY MANUFACTURING CO., LTD.								
CERTIFIC NUMBE	TS224	1257-2025	DESI	GN	СНК	D	APPR	AUT	H' D	DATE
PROJEC	ст		DRAWING NAME		NAME	GAS TANK ASSEMBLY DRAWING				
WORK A	REA					AS	SEMB	LYD	KAV	VING
PROPORT	TION	1 of 1	DRAWING NO.		NO.		CQ-0	. 6/0). 8. (0





I、Design Specifications This product is designed according to TSG 21-2016 "Stationary Pressure Vessel Safety **Technology Supervision Regulations**" and Standards NB/T47052-2016 "Simple Pressure Vessel" Class I (simple container) 0.84 Design pressure MPa Container categories 0.8 MPa Full volume Work pressure Pressure test pressure MPa 1.26 0.5 Corrosion allowance mm 150 Set tempreture Welded joint factor Operating temperature ${\bf \hat{C}}$ <150 Computational Method Design Design method airornitrogen JHa-0.84 Product model code Medium 152 kg Non-toxic, non-flammable **Emptyweight** Media properties Quality Stainless steel 10 years Design life Q345R Waterfillingweight Main material

The measured thickness of the cylinder body after forming is not less than 2.7mm; the measured thickness of the head after forming is not less than 2.7mm

II: MANUFACTURING, INSPECTION AND ACCEPTANCE CRITERIA	TSG 21-2016 "Stationary Pressure V NB/T47052-2016 "Simple Pressure		Technical Supervis	ion Regulations"
Safetyvalve opening pressure MPa	0.84		Calculated thickness of cylinder	/
Test medium Water		welding	ClassABweldinghead requirements	Submerged are automatic welding
20 15 DE 1812 ME \$20120		WELDED	Xrayinspectionlocation	For the intersection of Class Aweld, the detection length is greater than or equal to 200 mm
Product batch number Station	≤500 Station	JOINT	X-rayfilmquality	Not lower than AB class
Welding Specifications	NB/T47015-2011	NDT	Eligibilityoriteria	NB/T 47013. 2-2015 IIIclass

Technical requirements: 1. The orientation of the nozzle and support of this equipment is as shown in the top view. Recommended safety valve model: A28H-10.

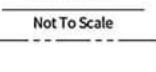
2. For each welder product of Class A weld, at least one product shall be selected for radiographic inspection.

- 3. Type B weld seam manufacturing units can choose the type of necking or backing plate according to the actual manufacturing process. 4. The painting, packaging and transportation of this equipment comply with NB/T 10558-2021 "Pressure Vessel Coating and Transportation Packaging".
- 5. The equipment is strictly used for overpressure and overtemperature; regularly check the safety accessories; regularly clean the sewage and carbon deposits in the tanks and pipes.
- 7. The user shall regularly (period not more than 3 months) test and record the wall thickness of the container. If the thinning amount exceeds the corrosion allowance, it must stop using it immediately.
- 8. The nameplate is in accordance with the provisions of Annex G of the solid volume regulation, and the thickness of the cylinder, head and connecting pipe is allowed to be replaced by thick.
- 9. It is forbidden to use if there are more than 0.3mm dents or scratches on the surface of the shell.

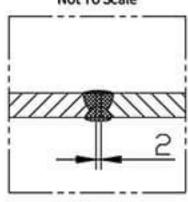
 Material	Q345R	20	
Q345R	J507+H10Mn2/HJ431	J507	
Q345R	ER50-6	ER50-6	
		Maritime Control Marie Control Marit Marie Control	11/4

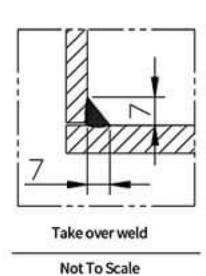
Nozzle table

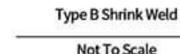
Symbol	Nominal sizeSymbol	Link size or standard	Form of sealing surface	Use	Remark
N1	20	GB/T 7306.1-2000, Rp3/4	Internal thread	Safety valve	
N2	15	GB/T 7306. 1-2000, R1/2	External thread	ternal thread Sewage outlet	
N3	40	GB/T 7306. 1-2000, Rp1-1/2	Internal thread	Airintake	
N4	40	GB/T 7306. 1-2000, Rp1-1/2	Internal thread	Air outlet	
N5		M20×1.5	Internal thread	Pressure gauge port	

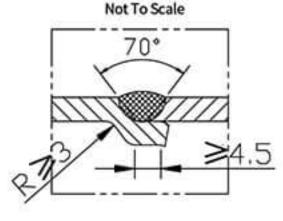


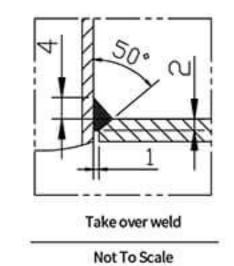
Class A Welds











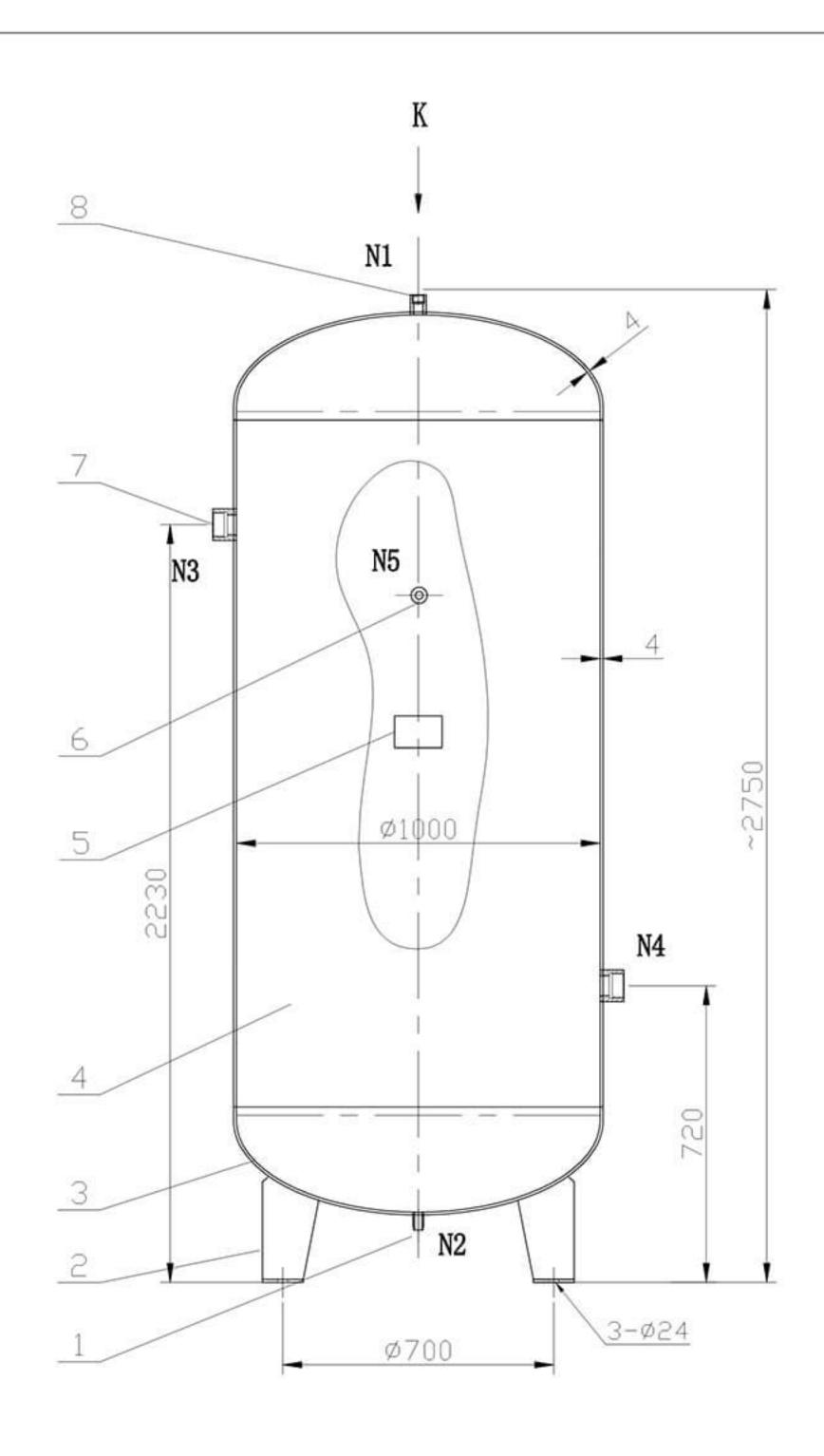
CQ-1. 0/0. 8. 0

serial Number	CODE	NAME		QUANTITY MA		IATERIAL		APIECE TOTAL QUALITY	REMARK
MINUO	JIANGSU MINNUO MACHINE	RY MANUFACTURING CO., LTD.							
CERTIFICATE NUMBER	TS2241257-2025		DES	IGN	SN CHK		APPR	AUTH' D	DATE
PROJECT			DRAW	ING N	IAME		G/	S TANK	
WORK AREA			DRAWING NAME			ASSEMBLY DRAW			VING

DRAWING NO.

1 of 1

PROPORTION



Design specifications and standards GB/T 150.1~4-2011 "Pressure Vessel", TSG 21-2016 "Stationary Pressure Vessel Safety Technical Supervision Regulations"

Design pressure	MPa	0.84	Container categories		Class I
Work pressure	MPa	0.8	Full volume	m 3	2
Pressure test pressure	MPa	1. 05	Corrosion allowance MM		1
Set tempreture	°C	110	Welded joint factor Φ		0.85/0.8
Operating temperature	°C	<100	Insulation	Material	/
Medium		Air or nitrogen	insulation	Thickness	1
Media properties		Non-toxic, non-flammable		Empty weight	310 kg
Design life Main material		10 years	Quality Kg	Stainless steel	/
		Q345R		Water filling weight	/

II: Manufacturing, inspection and acceptance standards GB/T 150.1-4-2011 "Pressure Vessel", TSG 21-2016 "Stationary Pressure Vessel Safety Technical Supervision Regulations"

post weld heat treatment	/	Wel	Welded Structure			HG/T20583-2011			
paint	JB/T 4711-2003	NDT	Types of welded joints		Detection rate	Test standard	Passing grade		
Safety valve opening pressure MPa	0.84		A	Container	≥20%	NB/T47013. 2-2015	RT-III		
test medium	Water		C						
Air tightness pressure test MPa	/		D	Container	/	1	/		
Welding procedure	NB/T47015-2011	For	ging S	tandard	1	NB/T47008-2017			

Technical requirements: 1. The orientation of the nozzle and support of this equipment is as shown in the top view.

GB/T 7306.1-2000, Rp2

GB/T 7306.1-2000, Rp2

 $M20 \times 1.5$

- 2. The calculated thickness of the cylinder should be regularly inspected according to the requirements of the capacity gauge.
- 3. The paint, packaging and transportation of this equipment are in accordance with JB/T4711-2003 "Pressure Vessel Coating and Transportation Packaging".
- 4. The equipment is strictly used for overpressure, overtemperature and overrange; regularly check the safety accessories; regularly clean the sewage and carbon deposits in the tanks and pipes.
- Class B Weld manufacturing unit can choose the type of necking or backing plate according to the actual manufacturing process.

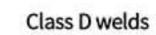
6. The nameplate is in accordance with the provisions of Annex G of the solid volume regulation, and the thickness of the cylinder, head and connecting pipe is allowed

ш.	Welding rod table						
	Material Q345R			20			
	Q345R	J507+H10Mn2/HJ431	99	J507			
	Q345R	J507	82	J507			
		11	Noz	zle table			
Symbol	Nominal size	Link size or standard		Sealing surface	Purpose or name	Tube size	Remark
N1	25	GB/T 7306.1-2000,	Rp1	Internal thread	safetyvalve		
N2	15	GB/T 7306. 1-2000,	R1/2	External thread	sewage outlet		

Internal thread

Internal thread

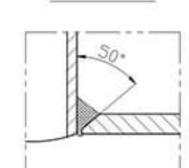
Internal thread



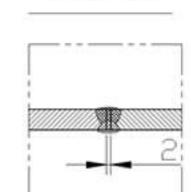
50

N4

N5



Class A welds

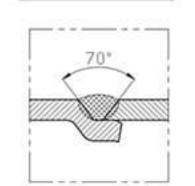


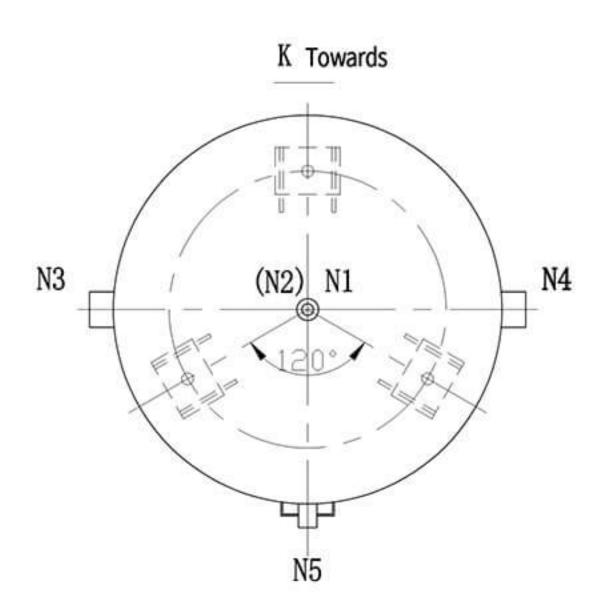
Type B shrink weld

air outlet

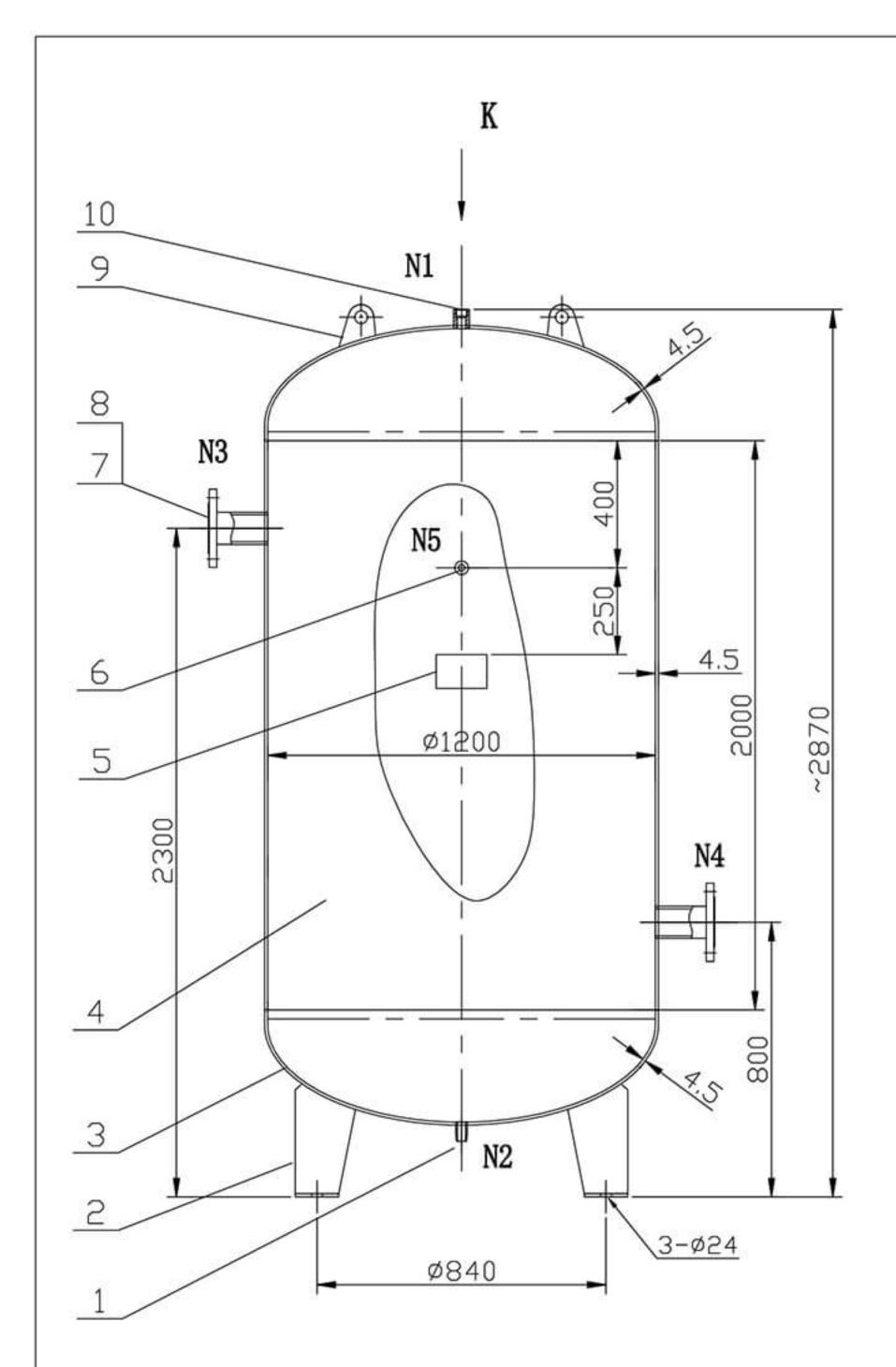
air intake

pressure gauge port





MINNO,	Jiangsu Minnuo Machinery Manufacturing Co., Ltd.							
Certificate Number	TS2241257-2025	DESIGN	СНИ	(D	APPR	AUTH' D	DATE	
project		DRAWING NAME		GAS TANK				
Workarea		DRAWING	AME	AS	SSEME	BLY DRAI	WING	



I. Design specifications and standards GB/T 150.1~4-2011 "Pressure Vessel", SG 21-2016 "Stationary Pressure Vessel Safety Technical Supervision Regulations"

Design pressure MPa	0.84	Container	categories	Class I
Work pressure MPa	0.8	full volume	m 3	3
Pressure test pressure MPa	1. 05	Corrosion a	allowance mm	1
Set tempreture $ $	110	Welded joint factor ф		0.85/0.8
Operating temperature ℃	<100	ttt	Material	/
Medium	Air or nitrogen	Insulation	Thickness	/
Media properties	Non-toxic, non-flammable		Empty weight	510 kg
Design life	10 years	Quality Kg	Stainless steel	/
Main material	Q345R		Water filling weight	/

II: Manufacturing, inspection and acceptance standards GB/T 150.1-4-2011 "Pressure Vessel", TSG 21-2016 "Stationary Pressure Vessel Safety Technical Supervision Regulations"

Post weld heat treatment	/		lded	structure	HG/T20583-2011			
Paint	NB/T 10558-2021		Types of welded joints		Detection rate	Test standard	Passing grade	
Safety valve opening pressure MPa	0.84	NDT	A B	Container	≥20%	NB/T47013. 2-2015	RT-III	
Test medium	Water	1000000	C					
Air tightness pressure test MPa	/		D	Container	/		/	
Welding Specifications	NB/T47015-2011		Forging Standard		NB/T47008-2017			

Technical requirements: 1. The orientation of the nozzle and support of this equipment is as shown in the top view.

2. The technical level of X-ray inspection quality is not lower than AB level

Type B weld seam manufacturing units can choose the type of necking or backing plate according to the actual manufacturing process.
 The user unit needs to test and record the wall thickness of the container on a regular basis (the cycle does not exceed 3 months).

If the amount of thinning exceeds the corrosion allowance, it must be stopped immediately.

5. The painting, packaging and transportation of this equipment comply with NB/T 10558-2021 "Pressure Vessel Coating and Transportation Packaging".

6. The equipment is strictly used for overpressure and overtemperature; regularly check the safety accessories; regularly clean the sewage and carbon deposits in the tanks and pipes. 7. This equipment can only be used in conventional environments, and it is forbidden to use it in corrosive environments such as acid,

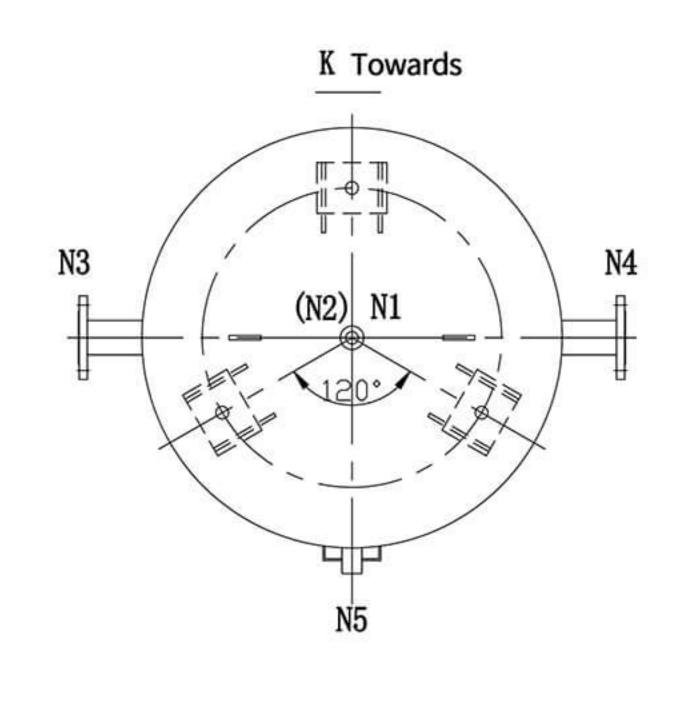
8. The nameplate is in accordance with the provisions of Annex G of the solid volume regulation, and the thickness of the cylinder, head and connecting pipe is allowed to be replaced by thick.

III. Welding rod table

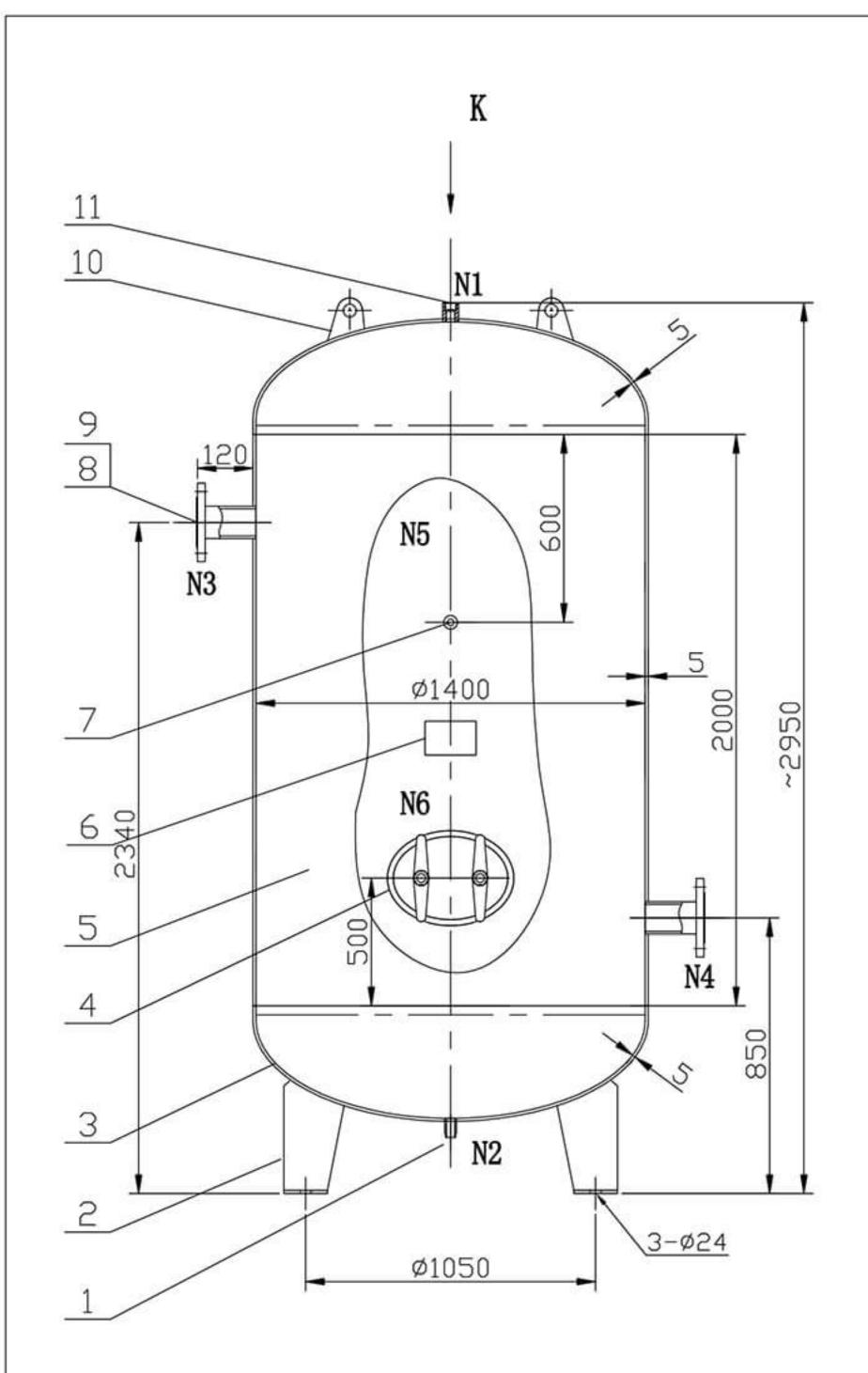
Material	Q345R	20	
Q345R	J507+H10Mn2/HJ431	J507	
Q345R	ER50-6	ER50-6	

Nozzle table

Symbol	Nominal size	Link size or standard	Sealing surface	Purpose or name	Tube size	Remark
N1	32	GB/T 7306.1-2000, Rp1-1/4	Internal thread	Safety valve		
N2	20	GB/T 7306. 1-2000, R3/4	External thread	Sewage outlet		
N3	80	HG/T 20592-2009 PL80 (B)-16	RF	Air outlet	Ø89×6	
N4	80	HG/T 20592-2009 PL80 (B)-16	RF	Air intake	Ø89×6	
N5		M20×1.5	Internal thread	Pressure gauge port		



SERIAL	CODE	NAME	ALIE ALIE	INTITY	٠.,		TERIAL		TOTAL	
NUMBER	CODE	NAME	QUANTIT	WIII!	M	MATERIAL		QUALITY		REMARK
WINNO,	JIANGSU MINNUO MACHINERY	MANUFACTURING CO., LTD.								
CERTIFICATE NUMBER	TS224125	7-2025	DESI	IGN	СН	KD	APPR	AL	JTH' D	DATE
PROJECT		-	DRAWII	NG N	ΔMF		G	AS T	ANK	
WORK AREA	102		Diction	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		AS	SSEM	BLY	DRA	NING
PROPORTION		1 of 1	DRAW	/ING	NO.		CQ-	3. 0/	0. 8. 0)



Design pressure N	(Pa	0.84	Container	ategories	Class I
Work pressure	(Pa	0.8	Full volume m 3		4
Pressure test pressure MPa		1. 05	Corrosion a	llowance mm	1
Set tempreture 9	c	110	Welded joir	nt factor φ	Vertical 0.85/Ring 0.8
Operating temperature ℃		<100	Inculation	Material	/
Medium		Air or nitrogen	Insulation	Thickness	/
Media properties		Non-toxic, non-flammable		Empty weight	630 kg
Design life Main material		10 years	QualityKg	Stainless steel	/
		Q345R	201.2250	Water filling weight	/

Supervision Regulations'

Post weld heat treatment	heat treatment / Welded structure		structure	HG/T20583-2011			
Paint	NB/T 10558-2021	N	Types of welded joints		Detection rate	Test standard	Passing grade
Safety valve opening pressure MPa	0.84 Water		A	Container	>20N	NB/T47013. 2-2015	RT-Ⅲ
Test medium		T	B				
Air tightness pressure test MPa	1	1 '	D	Container			
Welding Specifications	NB/T47015-2011	For	Forging Standard		NB/T47008-2017		

Technical requirements: 1. The orientation of the nozzle and support of this equipment is as shown in the top view. Recommended safety valve model

2. The technical level of X-ray inspection quality is not lower than AB level

- 3. Type B weld seam manufacturing units can choose the type of necking or backing plate according to the actual manufacturing process.
- 4. The user unit needs to test and record the wall thickness of the container on a regular basis (the cycle does not exceed 3 months). If the amount of thinning exceeds the corrosion allowance, it must be stopped immediately.
- 5. The painting, packaging and transportation of this equipment comply with NB/T 10558-2021 "Pressure Vessel Coating and Transportation
- 6. The equipment is strictly used for overpressure and overtemperature; regularly check the safety accessories; regularly clean the sewage and carbon
- deposits in the tanks and pipes.
- 7. This equipment can only be used in conventional environments, and it is forbidden to use it in corrosive environments such as acid, alkali, and salt.

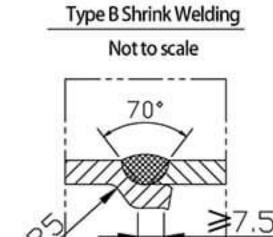
 8. The nameplate is in accordance with the provisions of Annex G of the solid volume regulation, and the thickness of the cylinder, head and connecting pipe is allowed to be replaced by thick.

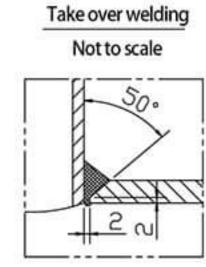
III. Welding table

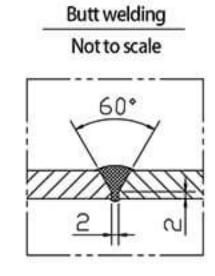
Γ			(64) (64) E 615	
	Q345R	ER50-6	ER50-6	
	Q345R	J507+H10Mn2/HJ431	J507	
	Material	Q345R	20	

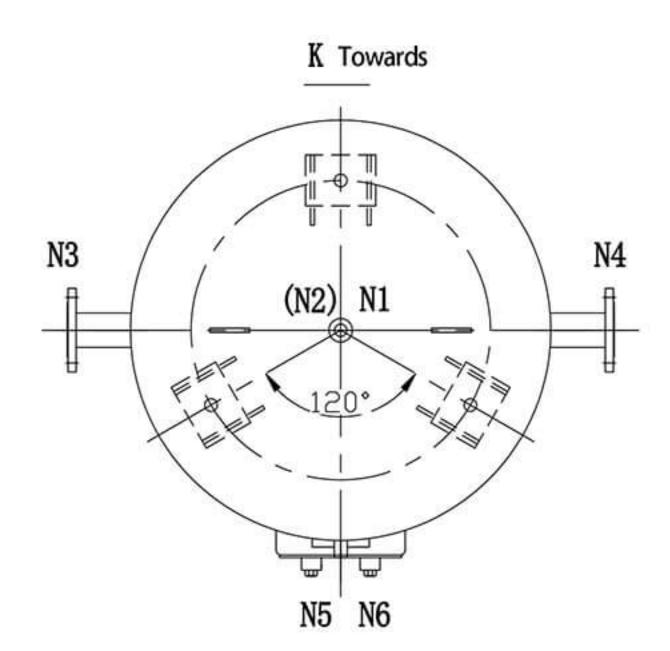
Nozzle table

Symbol	Nominal size	Link size or standard	Sealing surface	Purpose or name	Tube size	Remark
N1	32	GB/T 7306.1-2000, Rp1-1/4	Internal thread	Safety valve		
N2	20	GB/T 7306. 1-2000, R3/4	External thread	Sewage outlet		
N3	100	HG/T 20592-2009 PL100(B)-16	RF	Airoutlet	Ø108×6	
N4	100	HG/T 20592-2009 PL100 (B)-16	RF	Air intake	Ø108×6	
N5		M20×1.5	Internal thread	Pressure gauge port		
N6	300×400	NB/T 47040-2013	Flat	Manhole		









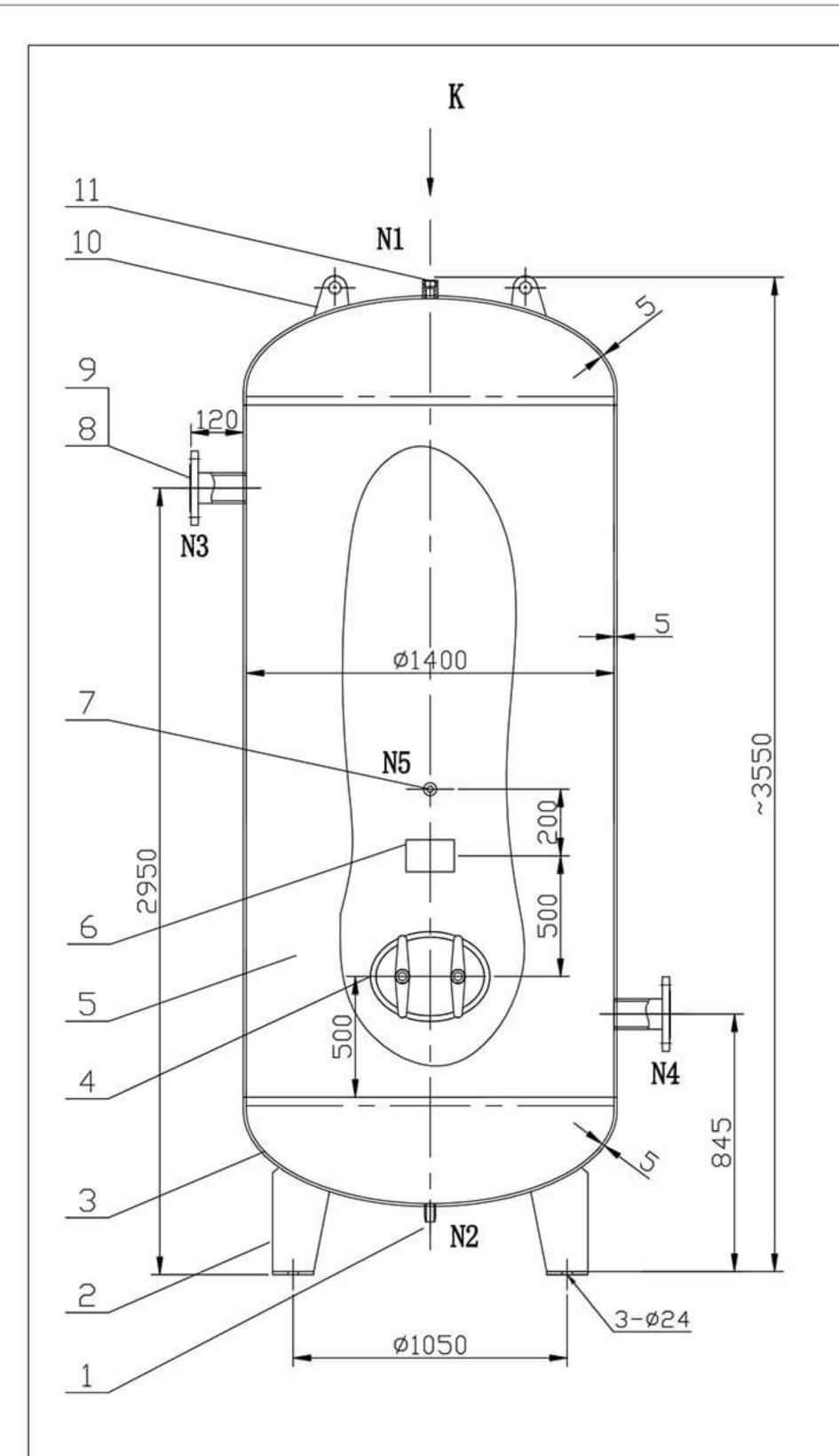
Regular product size error rate:

 $Total \ height \leq 50 mm, connection \ height \leq 50 mm, center \ distance \ and \ relative \ position \ of \ support \ bolt \ holes \leq 100 mm,$

Take over the verticality ≤ 10 degrees. This error rate serves as a product acceptance criterion.

If you have higher requirements for dimensional accuracy, please contact the business manager to increase the price for customization. The manufacturer reserves the right to optimize and improve on the basis of this drawing without prior notice.

SERIAL	CODE	NAME		QUANTITY	٨.	MATE	API		TOTAL	DEMARK
NUMBER	CODE	NAME		(Anniii)	ıv	IATERIAL		QUALITY		REMARK
WINNO.	JIANGSU MINNUO MACHINE	RY MANUFACTURING CO., LTD.								
CERTIFICATE NUMBER	TS22412	257-2025	DE	SIGN	Cŀ	HKD	APPF	R A	JTH, D	DATE
PROJECT			DRAI	NING I	JAME		G	AS 1	ANK	
WORK AREA			DRAWING NA		VAIVIL	Α	SSEM	BLY	DRA	WING
PROPORTION		1 of 1	DRA	WING	NO.		CQ-	-4. 0	/0.8.	0



I. DESIGN SPECIFICATIONS AND STANDARDS GB/T 150.1~4-2011 "PRESSURE VESSEL", TSG 21-2016 "STATIONARY PRESSURE VESSEL SAFETY TECHNICAL SUPERVISION REGULATIONS"

Design pressure	MPa	0.84	Container ca	tegories	I类
Work pressure]	MPa	0.8	full volume	m 3	5
Pressure test pressure	MPa	1. 05	Corrosion allowance mm		1
Set tempreture	c	110	Welded joint	factor ф	0.85/0.8
Operating temperature	c	<100		Material	/
Medium		Air or nitrogen	Insulation	Thickness	/
Media properties		Non-toxic, non-flammable		Empty weight	729 kg
Design life Main material		10 years	Quality Kg	Stainless steel	/
		Q345R		Water filling weight	

Post weld heat treatment	/		Welded structure			HG/T20583-2011		
Paint	JB/T 4711-2003		Types of welded joints		Detection rate	Test standard	Passing grade	
Safety valve opening pressure MPa	0.84		A B	Container	≥20%	NB/T47013. 2-2015	RT-III	
Test medium	Water	т Т		C Container	/	/	/	
Air tightness pressure test MPa	/		D					
Welding Specifications	NB/T47015-2011	Forging Standard		rd NB/T47008-2017				

Technical requirements: 1. The orientation of the nozzle and support of this equipment is as shown in the top view.

2. The technical level of X-ray inspection and inspection quality is not lower than AB level.

- 3. Type B welding seam manufacturing unit can choose the type of necking or backing plate according to the actual manufacturing process.

 4. The user should check and record the wall thickness of the container on a regular basis (the cycle does not exceed 3 months). If the thinning amount exceeds the corrosion allowance, it must stop using it immediately.

 5. The paint, packaging and transportation of this equipment are in accordance with JB/T4711-2003 "Pressure Vessel Coating and

- Transportation Packaging".

 6. The equipment is strictly used for overpressure, overtemperature, and overrange; regularly check the safety accessories; regularly clean the sewage and carbon deposits in the tanks and pipes.

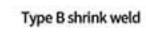
 7. This equipment can only be used in conventional environments, and it is forbidden to use it in corrosive environments such as acid,
- 8. The nameplate is in accordance with the provisions of Annex G of the solid volume regulation, and the thickness of the cylinder, head and connecting pipe is allowed to be replaced by thick.

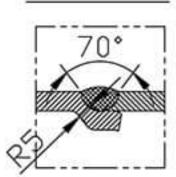
Ⅲ、Welding rod table

Material	Q345R	20	
Q345R	J507+H10Mn2/HJ431	J507 (ER50-6)	
Q345R	J507	J507 (ER50-6)	

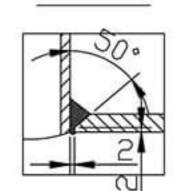
Nozzle table

Symbol	Nominal size	Link size or standard	Sealing surface	Purpose or name	Tube size	Remark
N1	32	GB/T 7306. 1-2000, Rp1-1/4	Internal thread	Safety valve		
N2	20	GB/T 7306. 1-2000, R3/4	External thread	Sewage outlet		
N3	100	HG/T 20592-2009 PL100(B)-16	RF	Air outlet	Ø108×6	
N4	100	HG/T 20592-2009 PL100(B)-16	RF	Air intake	Ø108×6	
N5	-	M20×1.5	Internal thread	Pressure gauge port		
N6	300×400	NB/T 47040-2013	Flat	Manhole		

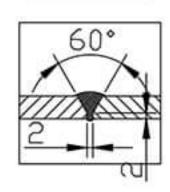


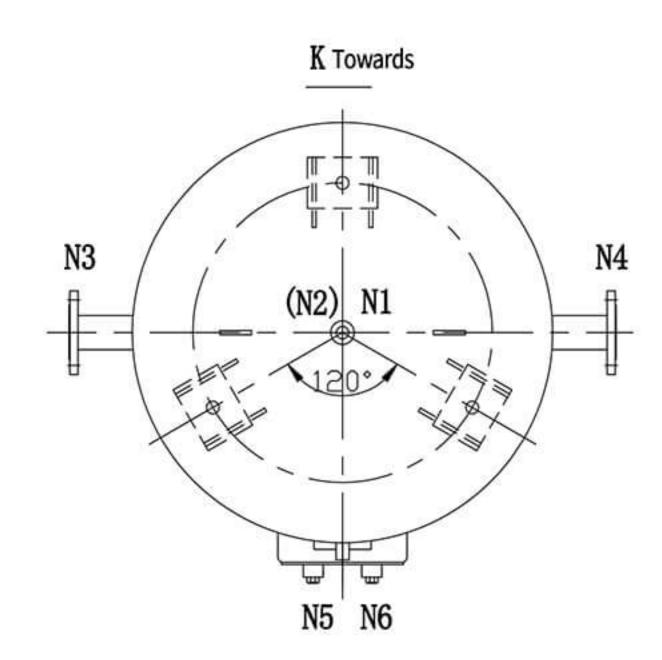


Take over weld



Butt weld





MIMUO.	Jiangsu Minnuo Machinery Manufacturing Co., Ltd.						
Certificate Number	TS2241257-2025	DESIGN	CHKD		APPR	AUTH' D	DATE
project		DRAWING NAME			GA	STANK	
Work area				AS	SSEMB	LY DRAV	VING
Proportion	1 of 1	DRAWING NO.			CQ-5	5. 0/0. 8.	0