

Certificate

Quality Assurance System acc. to Directive 2014/68/EU

Certificate no.: 01 202 TWN/Q-19 0364

Name and address of the
certificate holder:

**STURDY INDUSTRIAL CO., LTD.
NO. 168, SEC. 1, ZHONGXING RD., WUGU DISTRICT,
NEW TAIPEI CITY 24872
Taiwan, R.O.C.**

Herewith we certify that the above -mentioned manufacturer operates a quality system according to the European Directive 2014/68/EU. The manufacturer has the permission to affix the following CE marking to pressure equipment described and manufactured in accordance to the scope covered by this Quality-Assurance System:

CE 0035

Test basis:

Directive 2014/68/EU: QA-System (Module H)
(the QS-Modules E1, E, D1, D are covered by Module H)

Audit report no.:

01 202 TWN/Q-19 0364

Scope:

**Design and Manufacturing of Pressure Vessel for Autoclaves,
see annex (Rev.: 02, 2022-12-12) to certificate**


Manufacturing plant:

see certificate holder

Validity:

This certificate is valid until 2026-01-15.

Cologne, 2022-12-21


Dipl.-Ing. (FH) Vera Ruff



TÜV Rheinland Industrie Service GmbH
Notified Body for Pressure Equipment, ID-No. 0035
Am Grauen Stein, D-51105 Cologne

MS-0037317 E-008-Rev01

**Details of the Validity of the Approval as Manufacturer of Pressure Equipment
with certified QA-System acc. PED 2014/68/EU**



Annex to Certificate No.: 01 202 TWN/Q-19 0364

Manufacturer			Manufacturing Plant		Nationality	Date	Page No.	TÜV Rheinland Industrie Service GmbH
Company Name: STURDY INDUSTRIAL CO., LTD.			No. 168, Sec. 1, Zhongxing Rd., Wugu Dist.,		TAIWAN	2022.12.12	1	
Location: No. 168, Sec. 1, Zhongxing Rd., Wugu Dist., New Taipei City 24872, Taiwan			New Taipei City 24872, Taiwan			Rev.: 02	of: 3	
Item No.	Product description	Until now applied codes	Material	Limitations / Restrictions	List of Module B (E)/ B (B) Certificates (by QS-Module D/E)		Remark	
1	2	3	4	5	6		7	
	Pressure Vessel for Autoclaves							
01	C200	ASME Sec. VIII Div. 1	ASTM A240 Type 304/316L JIS G4305 SUS304/316L	PS=2.6 & 2.8 bar, V=10 L	NA. Module H		Cat. I	
02	C201			PS=1.8 bar, V=10 L	NA. Module H		Cat. I	
03	C230			PS=2.6 & 2.8 bar, V=16 L	NA. Module H		Cat. I	
04	C230-1			PS=3.0 bar, V=16 L	NA. Module H		Cat. I	
05	C231			PS=1.8 bar, V=16 L	NA. Module H		Cat. I	
06	C260			PS=2.6 & 2.8 bar, V=24 L	NA. Module H		Cat. II	
07	C260-1			PS=3.0 bar, V=24 L	NA. Module H		Cat. II	
08	C280			PS=3.1 bar, V=26L	NA Module H		Cat II	
09	C300			PS=2.6 & 2.8 bar, V=40 L	NA. Module H		Cat. II	
10	C300-1			PS=3.0 bar, V=40 L	NA. Module H		Cat. II	
11	C301			PS=2.8 bar, V=30 L	NA. Module H		Cat. II	
12	C301-1			PS=3.0 bar, V=30 L	NA. Module H		Cat. II	
13	C302			PS=2.6 & 2.8 bar, V=50L	NA Module H		Cat. II	
14	C302-1			PS=3.0 bar, V=50 L	NA. Module H		Cat. II	



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						Rev.: 02	of: 3	
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1	2	3	4	5	6	7		
	Pressure Vessel for Autoclaves							
15	C380	ASME Sec. VIII Div. 1	ASTM A240 Type 304/316L JIS G4305 SUS304/316L	PS=2.8 bar, V=60 L	NA. Module H	Cat. II		
16	C380-1			PS=3.0 bar, V=56 L	NA. Module H	Cat. II		
17	C381			PS=2.8 bar, V=82 L	NA. Module H	Cat. III		
18	C381-1			PS=3.0 bar, V=82 L	NA. Module H	Cat. III		
19	C400	ASME Sec.VIII Div.1	ASTM A240 Type 304/316L JIS G4305 SUS304/316L JIS G4304 SUS304	PS=2.6 & 2.8 bar, V=100 L	NA. Module H	Cat. III		
20	R410			PS=2.6 & 2.8 bar, V=110 L	NA. Module H	Cat. III		
21	C450			PS=2.6 & 2.8 bar, V=143 L	NA. Module H	Cat. III		
22	C500			PS=2.6 & 2.8 bar, V=196 L	NA. Module H	Cat. III		
23	R510			PS=2.6 & 2.8 bar, V=260 L	NA. Module H	Cat. III		
24	C610			PS=2.6 & 2.8 bar, V=350 L	NA. Module H	Cat. III		
25	R610			PS=2.6 & 2.8 bar, V=454 L	NA. Module H	Cat. III		
26	R915			PS=2.6 & 2.8 bar, V=680 L	NA. Module H	Cat. III		
27	R915-1			PS=2.6 & 2.8 bar, V=848 L	NA. Module H	Cat. III		
28	C700			PS=2.6 & 2.8 bar, V=578 L	NA. Module H	Cat. III		
29	C900			PS=2.6 & 2.8 bar, V=980 L	NA. Module H	Cat. III		



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						Rev.: 02	of: 3	
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1	2	3	4	5	6		7	
	Pressure Vessel for Autoclaves							
30	SG250	ASME Sec.VIII Div.1	ASTM A240 Type 304/316L JIS G4305 SUS304/316L JIS G4304 SUS304	PS=2.8 bar, V=29.8 L	NA. Module H		Cat. II	
31	SG251			PS=2.8 bar, V=32.2 L	NA. Module H		Cat. II	
32	SG253			PS=2.8 bar, V=31.4 L	NA. Module H		Cat. II	
33	SG254			PS=2.8 bar, V=33.9 L	NA. Module H		Cat. II	
34	SG300			PS2.8 bar, V=45 L	NA. Module H		Cat. II	
35	SG400			PS=2.8 bar, V=91.8 L	NA. Module H		Cat. III	
36	SG400-1			PS=2.8 bar, V=117 L	NA. Module H		Cat. III	
37	SG401			PS=2.8 bar, V=97.5 L	NA. Module H		Cat. III	
38	SG401-1			PS=2.8 bar, V=118.8 L	NA. Module H		Cat. III	
39	SG301			PS=2.8 bar, V=54.1 L	NA. Module H		Cat. II	
40	SG302			PS=2.8 bar, V=46.6 L	NA. Module H		Cat. II	
41	SG303			PS=2.8 bar, V=55.8 L	NA. Module H		Cat. II	

