

# Certificate

## Quality-Assurance System

acc. to Directive 2014/68/EU

Certificate no.:

01 202 TWN/Q-12 0246

Name and address of the manufacturer:

**TankPAC Industries Co., Ltd.**  
**Global Water Solutions Ltd.**  
**PA-E Machinery Industrial Co., Ltd.**  
**No. 553, Zhongshan Road, Qingshui District,**  
**Taichung 43643,**  
**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**

Tested acc. to  
Directive 2014/68/EU:

**QA-System (Module H)**  
(the QA-Modules E1, E, D and D1 are covered by Module H)

Audit report no.:

TWN/Q-12 0246

Area of validity:

Design and Manufacture of Water Storage Tanks and Expansion Tanks, see annex to certificate

Manufacturing plant:

TankPAC Industries Co., Ltd.  
Global Water Solutions Ltd.  
PA-E Machinery Industrial Co., Ltd.  
No. 553, Zhongshan Road, Qingshui District,  
Taichung 43643,  
Taiwan, R.O.C.

Valid until:

April 30, 2021

Cologne, May 30, 2018

  
i.V. Dipl.-Ing. Oliver Theisen



TÜV Rheinland Industrie Service GmbH  
Notifizierte Stelle für Druckgeräte, Kennnummer: 0035  
Am Grauen Stein, D-51105 Köln

E-008-D-Rev22

# Zertifikat

## Qualitätssicherungs-System nach Richtlinie 2014/68/EU

Zertifikat Nr.: 01 202 TWN/Q-12 0246

Name und Anschrift des  
Herstellers:

**TankPAC Industries Co., Ltd.**  
**Global Water Solutions Ltd.**  
**PA-E Machinery Industrial Co., Ltd.**  
**No. 553, Zhongshan Road, Qingshui District,**  
**Taichung 43643,**  
**Taiwan, R.O.C.**

Hiermit wird bescheinigt, dass der Hersteller ein QS-System gemäß der Richtlinie 2014/68/EU eingeführt hat und anwendet. Der Hersteller ist berechtigt, die von ihm im Rahmen des Geltungsbereichs dieses QS-Systems beschriebenen und hergestellten Druckgeräte mit dem abgebildeten Zeichen zu kennzeichnen:

CE 0035

Geprüft nach Richtlinie  
2014/68/EU:

**QS-System (Modul H)**  
(die QS-Module E1, E, D und D1 sind durch Modul H abgedeckt)

Auditbericht Nr.:

TWN/Q-12 0246

Geltungsbereich:

Entwicklung und Herstellung von Wasservorratsbehältern  
und Ausgleichsbehältern, siehe Anlage zum Zertifikat

Fertigungsstätte/Lieferer:

**TankPAC Industries Co., Ltd.**  
**Global Water Solutions Ltd.**  
**PA-E Machinery Industrial Co., Ltd.**  
**No. 553, Zhongshan Road, Qingshui District,**  
**Taichung 43643,**  
**Taiwan, R.O.C.**

Gültig bis:

30 April 2021

Köln, 30. Mai 2018

  
i.V. Dipl.-Ing. Oliver Theisen



TÜV Rheinland Industrie Service GmbH  
Notifizierte Stelle für Druckgeräte, Kennnummer: 0035  
Am Grauen Stein, D-51105 Köln

E-008-D-Rev22

**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-12 0246**

Manufacturer			Manufacturing Plant		Nationality	Date	Page No.	TÜV Rheinland Industrie Service GmbH
Company Name: TankPAC Industries Co.,Ltd. / PA-E Machinery Co., Ltd. / Global Water Solutions Ltd.			No. 553, Zhongshan Road, Qingshui, Taichung 43643, Taiwan, R.O.C.		Taiwan R.O.C.	2018/03/22	1	
Location: No. 553, Zhongshan Road, Qingshui, Taichung 43643, Taiwan, R.O.C.						Rev.: 0	von: 2	
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		
01	MTPA series / MTPB series / MTHH series	EN 13831: 2007	Carbon steel (material group 1.1)	<b>Pressure: 10 bar</b> <b>Capacity: 6 ~ 160 L</b>	NA for Module H	---		
02	MTPE series / MTPG series	EN 13831: 2007	Carbon steel (material group 1.1)	Pressure: 10 bar Capacity: 6~ 24 L	NA for Module H	---		
03	MTPY series / MTPZ series	EN 13831: 2007	Carbon steel (material group 1.1)	Pressure: 10 bar Capacity: 6 ~ 24 L	NA for Module H	---		
04	MTMA series / MTMB series	EN 13831:2007	Carbon steel (material group 1.1)	Pressure: 16 bar Capacity: 6 ~ 160 L	NA for Module H	---		
05	PTPA series / PTPB series	EN 13831: 2007	Carbon steel (material group 1.1)	Pressure: 10 bar Capacity: 5 ~24 L	NA for Module H	---		
06	PTRA series / PTRB series	EN 13831: 2007	Carbon steel (material group 1.1)	Pressure: 7 bar Capacity: 8 ~ 24 L	NA for Module H	---		
07	MTUA series / MTUB series	EN 13831:2007	Carbon steel (material group 1.1)	Pressure: 25 bar Capacity: 2 ~ 100 L	NA for Module H	---		
08	STRA series / STRB series	EN 13831: 2007	Stainless steel (material group 8.1)	Pressure: 7 bar Capacity: 8 ~ 18 L	NA for Module H	---		
09	STPA series / STPB series	EN 13831: 2007	Stainless steel (material group 8.1)	Pressure: 10 bar Capacity: 8 ~ 24 L	NA for Module H	---		



*Yao-Chun Tsai*

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



Manufacturer		Manufacturing Plant		Nationality	Date	Page No.	TÜV Rheinland Industrie Service GmbH
Company Name: TankPAC Industries Co.,Ltd./ PA-E Machinery Co., Ltd. / Global Water Solutions Ltd. Location: No. 553, Zhongshan Road, Qingshui, Taichung 43643, Taiwan, R.O.C.		No. 553, Zhongshan Road, Qingshui, Taichung 43643, Taiwan, R.O.C.		Taiwan R.O.C.	2018/03/22	2	
					Rev.: 0	von: 2	
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	
10	STMA series / STMB series	EN 13831:2007	Stainless steel (material group 8.1)	Pressure: 16 bar Capacity: 8 ~ 24 L	NA for Module H	---	
11	STUA-8-25 / STUB-8-25	EN 13831:2007	Stainless steel (material group 8.1)	Pressure: 25 bar Capacity: 8 L	NA for Module H	---	
12	MTRA series / MTRB series	EN 13831:2007	Carbon steel (material group 1.1)	Pressure: 7 bar Capacity: 8 ~ 160 L	NA for Module H	---	
13	MTHT series	EN 13831:2007	Carbon steel (material group 1.1)	Pressure: 6 bar Capacity: 12 ~ 160 L	NA for Module H	---	
14	Grundfos GT-H 10 bar series	EN 13831:2007	Carbon steel (material group 1.1)	Pressure: 10 bar Capacity: 8 ~ 160 L	NA for Module H	---	
15	Grundfos GT-H 16 bar series	EN 13831:2007	Carbon steel (material group 1.1)	Pressure: 16 bar Capacity: 6 ~ 160 L	NA for Module H	---	
16	Grundfos GT-H 10 bar stainless steel series	EN 13831:2007	Stainless steel (material group 8.1)	Pressure: 10 bar Capacity: 8 ~ 30 L	NA for Module H	---	



*Yao-Chun Tsai*