

ATTESTATION DE CONFORMITE SANITAIRE Certificate of sanitary conformity

Conformément à l'arrêté du 29 mai 1997 modifié et à la circulaire du Ministère de la Santé
Direction Générale de la Santé DGS/SD7A N° 571 du 25 Novembre 2002

**Coordonnées du demandeur d'ACS /
Contact details of the ACS owner :**

CHINA

Nom de l'accessoire représentatif / Reference of the representative accessory :

Réservoir 6x13 - 2.5" - 8NPSM

N° de dossier attribué par le laboratoire habilité / File reference : **18 ACC NY 224**

Date de réalisation des essais d'inertie selon la norme XP P41-280 : du 02 au 17 juillet 2018
Tests date (according to the standard XP P 41-280) : from July 2 to 17, 2018

Commentaires / Comments :

Les essais d'inertie réalisés n'ont fait apparaître aucune anomalie. Les résultats sont conformes aux exigences de la circulaire DGS/SD7A 2002 n° 571 du 25 novembre 2002.
The migration test do not bring out any anomaly. The results are in accordance with the requirements of the circular DGS/SD7A 2002 n° 571 of 25th november 2002.

Famille d'accessoires couverte par l'ACS / Accessories' family covered by this certificate :

RESERVOIRS

Références / References :

Références couvertes : voir annexe / Covered references : see annex

Cette ACS comporte une annexe de 1 page et couvre 71 références.
This ACS includes an annex of 1 sheet and covers 71 references.

Attestation délivrée par / Certificate issue by :

Clémence Tafforeau
Chef de Service / Materials Department Manager

Signature :

Date de délivrance / Date of issue : 24 juillet 2018
Date d'expiration / Expiry date : 24 juillet 2023

Commentaires / Comments : /



CERTIFICATE OF CONFORMITY

EU - Restriction of the use of certain hazardous substances (RoHS) -
No. CTB190413018CX-ZS

Applicant :
Address :
Manufacturer :
Address :
Product : FRP TANKS
Trade Name : /
Model(s) : /
Test Report No. : CTB190413018CX
Test Standards : IEC 62321-5:2013, IEC 62321-4:2013+A1:2017,
IEC 62321-6:2015, IEC 62321-7-2:2017,
IEC 62321-8:2017

The test results based on the above specified products comply with the EU RoHS Directive 2011/65 / EU Appendix II Amendment Directive (EU) 2015/863 limit requirements.

The test results apply only to the particular sample tested and to the specific tests carried out. Specifically to the sample investigated in our test reference number only.

Other relevant Directives have to be observed.



Shenzhen CTB Testing Technology Co., Ltd

Add: Floor 1&2, Building E, No. 26 of Xinhe Road, Xinqiao Community, Xinqiao Street, Baoan District, Shenzhen, Guangdong, China

Web: <http://www.ctb-lab.com> Tel: 4008-258-120 Email: ctb@ctb-lab.com

Declaration of Conformity with PED

Pressure vessels for the European market fall under the "PED", Pressure Equipment Directive (DIRECTIVE 97/23/EC and DIRECTIVE 2014/68/EU).

The PED directive is accepted by all 25 member countries of the European Community (before 1999 each country had its own rules for design and acceptance of pressure equipment).

All [redacted] vessels where the product of pressure and volume is below 10000 fall under the SEP manufacturing principles (Sound Engineering Practices)
8 Vessels fall under category I requirements as the product of pressure and volume exceeds 10000 (36x72 / 42x63 / 42x66 / 42x72 / 48x72 / 60x86 / 63x67 and 63x86). The 8 vessels that fall under category I need to follow Module A requirements for Internal production control.

This letter declares that the pressure equipment satisfies the requirements of the regulations which apply to it.

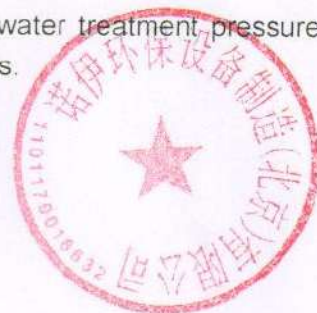
The vessels are designed and manufactured according to sound engineering practices and Module A requirements for Internal production control.

This letter serves as a Certificate of Compliance that the water treatment pressure vessels manufactured by [redacted] meet the above requirements.

Sincerely,

Nancy Wang

Nancy Wang
ISO Representative
January 12th, 2017



Test Certificate

based on KTW Guideline

“Guideline for Hygienic Assessment of Organic Materials in Contact with Drinking Water” (Issue 2016-03-07)

Manufacturer:

Product(s): FRP tanks

Material: PE (HD5502XA) and PPO 530

Test: products in direct contact with drinking water

The tested sockets fulfil according to OFI test report 1702971/1H dated 2018-06-05 as well as 1801212/1H and 1801212 / 2H dated 2018-11-28 the requirements given by the KTW guideline (Issue 2016-03-07) for the following temperature and application areas.

Application - category	Cold water (23 ± 2) °C	Warm water (60 ± 2) °C	Hot water (85 ± 2) °C
Pipes with DN < 80 mm (domestic installation)	---	---	---
Pipes with 80mm ≤ DN ≤ 300mm (supply pipes)	---	---	---
Pipes with DN ≥ 300mm (main pipes)	---	---	---
Fittings (domestic installation)	---	---	---
Fittings (supply pipes)	---	---	---
Fittings (main pipes)	---	---	---
Seals (domestic installation)	---	---	---
Seals (supply pipes)	---	---	---
Seals (main pipes)	---	---	---
Tanks in domestic installations including repair systems	fulfilled	---	---
Tanks outside domestic installations including repair systems	fulfilled	---	---

The **validity of this test certificate** ends with **2023-06-05** – this under the presumption that no changes in the production or manufacturing process or the basic material are made, with the exception of routine adjustments; in case of changes in the relevant legislations and/or normative regulations, which require a new test on the product, this test certificate loses its validity.

Vienna, 2018-12-20

Christoph Wirrer
 Director in charge
 Material in contact with drinking water

NSF International

RECOGNIZES

China

AS COMPLYING WITH NSF/ANSI 44 AND ALL APPLICABLE REQUIREMENTS.
PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE
AUTHORIZED TO BEAR THE NSF MARK.



ANSI Accredited Program
PRODUCT CERTIFICATION
NSF
Certification Program
Accredited by the
American National
Standards Institute



SCS Accredited
Certification Program
Accredited by the
Standards Council
of Canada

This certificate is the property of NSF International and must be returned upon request. For the most current and complete information, please access NSF's website (www.nsf.org).

June 27, 2013
Certificate# C0130648 - 01

A handwritten signature in black ink, appearing to read "David Purkiss".

David Purkiss
General Manager, Water Systems

NSF International

RECOGNIZES

Facility: Beijing City, China

AS COMPLYING WITH NSF/ANSI 44 AND ALL APPLICABLE REQUIREMENTS.
PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE
AUTHORIZED TO BEAR THE NSF MARK.



Certification Program
Accredited by the
Standards Council
of Canada

This certificate is the property of NSF International and must be returned upon request. For the most current and complete information, please access NSF's website (www.nsf.org).

June 27, 2013
Certificate# C0130649 - 01

A handwritten signature in black ink, appearing to read "David Purkiss".

David Purkiss
General Manager, Water Systems



NSF International

789 N. Dixboro Rd. Ann Arbor, MI 48105, USA
1-800.NSF.MARK | +1-734.769.8010 | www.nsf.org

TEST REPORT

Send To: C0130648

Facility: C0130649

China

China

Result	PASS	Report Date	06-NOV-2019
Customer Name			
Tested To	NSF/ANSI 44		
Description	36x72, 6"x6" FLG Softener Tank		
Trade Designation	36x72, 6"x6" FLG Softener Tank		
Test Type	5 Year Testing		
Job Number	J-00337241		
Project Number	W0553289		
Project Manager	Mandy Chai		

Thank you for having your product tested by NSF International.

Please contact your Project Manager if you have any questions or concerns pertaining to this report.

Report Authorization

Date

06-NOV-2019

Paul Anderson - Director, Engineering Laboratory



General Information

Standard: NSF/ANSI 44
DCC Number: PW06729
Maximum Rated Op. Pressure: 150 PSI
Physical Description of Sample: Component
Standard Version: NSF/ANSI 44-2018: Residential Cation Exchange Water Softeners
Test Description: 2018 - STD.44 Structural Integrity (cyclic/hydrostatic) - 36x72, 6" x 6" FLG Softener Tank - 5Y
Trade Designation/Model Number: 36x72, 6"x6" FLG Softener Tank

Sample Id: **S-0001648496**
Description: 36x72, 6"x6" FLG Softener Tank
Sampled Date: 10/02/2019
Received Date: 10/02/2019

Testing Parameter	Result	Units
Engineering Lab		
15 Minute Hydrostatic Test, Non-Metallic Units		
Required Test Temperature	55 to 75 Degrees F	
Actual Test Temperature	68	Degrees F
Required Test Duration	15	minutes
Actual Test Duration	15	minutes
Required Test Pressure	360	psi
Actual Test Pressure	360	psi
Required Leakage	None	
Actual Leakage	None	
15 Minute Hydrostatic Test	Pass	
100,000 Cyclic Pressure Test		
Required Number of Cycles Completed	100000	cycles
Actual Number of Cycles Completed	100000	cycles
Required Test Pressure	150	psi
Actual Test Pressure	150	psi
Required Visible Damage or Leakage	None	
Actual Visible Damage or Leakage	None	
On Cycle Time	4.0	seconds
Off Cycle Time	3.5	seconds
Cyclic Test	Pass	

Job Attachments:



Sample



Testing Laboratories:

	Id	Address
All work performed at: (Unless otherwise specified)	----- NSF_AA	----- NSF International 789 N. Dixboro Road Ann Arbor MI 48105

References to Testing Procedures:

NSF Reference	Parameter / Test Description
P9001	15 Minute Hydrostatic Test, Non-Metallic Units
P9003	100,000 Cyclic Pressure Test

Test descriptions preceded by an asterisk "*" indicate that testing has been performed per NSF International requirements but is not within its scope of accreditation.

Unless otherwise indicated, method uncertainties are not applied in any determinations of conformity. Testing utilizes the requested sections of any referenced standards, which may not be the entire standard.