



HPI Verification Services

Certificate of Quality System Approval

This is to certify that the product listed below conforms to the requirements of the
Pressure Equipment Directive 2014/68/EU
Annex III Module D1

Certificate Number	HPiVS/P1001-116-Q-05	Date of Expiry	10/01/2020
Date of Issue	17-Jan-2018		Surv. due 10/01/2019

Manufacturer **Zhejiang Forwon Brazed Plate Heat Exchanger Co., Ltd.**
 #107, Qichao Road, ChangAn Town
 Haining City, Zhejiang Province, China
 Factory: No 75 Rongfa Road, Ganxiang
 Luxiang Town, Jinshan District, Shanghai

Description of Pressure Equipment Plate Heat exchangers.
 (Group II fluids).
 Models FHC012, 014, 018, 022, 028, 030, 052, 060, 090,
 095, 110, 115, 136 and 210 all for 45 bar.
 Models FHC090, 095, 110, 115, 136, 210 and 310 all for 30 bar.

Equipment Identification Nameplate on each item

Other Certification Standards Applied WIT Assessment ISO 9001 Certificate No 15/15Q6315R20
 EN 14276-1

Report Reference HPiVS/P1001-116-5

This Certificate is valid in any European Economic Area Member State.

This Report has been issued by HPI Verification Services Ltd which is a body notified to the European Commission according to the provisions of the Pressure Equipment Directive (Notified Body number 1521).

This Report is issued following the assessment of the documentation and implementation of the Quality System in accordance with the provisions of the quoted Conformity Assessment Module of the above directive. The CE Mark may be affixed to the Pressure Equipment within the scope of approval as described above once the EU 'declaration of conformity' has been signed by the responsible person. The number '1521', being HPI Verification Services Notified Body number should also be placed on the equipment dataplate.

Check this certificate is genuine



Managing Director

Technical Manager




EU Notified Body No. 1521
Company registered in England #7217086

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Tel +44 1491 822818
Fax +44 700 600 6831
Email enquiries@eucertification.com
www.eucertification.com

HPI Verification Services Ltd.
The Manor House
Howbery Park, Wallingford
OX10 8BA, United Kingdom

 HPiVS <small>HPI Verification Services</small>	REFERENCE:	PRE - F - 25	ISSUE:	01
	TITLE:	PED ASSESSMENT REPORT		

NAME AND ADDRESS OF MANUFACTURER Zhejiang Forwon Brazed Plate Heat Exchanger Co., Ltd #107, Qichao Road, ChangAn Town Haining City, Zhejiang Province, China	LOCATION OF INSPECTION At the works of Zhejiang Forwon Brazed Plate Heat Exchanger Co., Ltd	REPORT NO HPiVS/P1001-116-5
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DESCRIPTION

Plate Heat Exchangers

(Group II fluids only)

Models FHC012, 014, 018, 022, 028, 030, 052, 060, 090, 095, 110, 115, 136, 210 and 310 all for 45 bar

Models FHC090, 095, 110, 115, 136, 210 and 310 all for 30 bar

Maker	Zhejiang Forwon Brazed Plate Heat Exchanger Co., Ltd	Risk Category	≤I
Design Code	EN 14276-1	PED Module Applied	D1
Pressure Range	See description	Test Pressure	As per design code
Temperature Range	-196°C ~ +226°C	Audit Date	30 Nov 17

REPORT

Introduction

The range of heat exchangers as described above manufactured by Zhejiang Forwon Brazed Plate Heat Exchanger Co., Ltd fall within the scope of the Pressure Equipment Directive, and as such must be subject to appropriate conformity assessment procedures during manufacture and test prior to them being placed on the market or put into service in the European Economic Area.

At up to Category I as defined in the Pressure Equipment Directive, Module D1 is an appropriate conformity assessment module, and HPI Verification Services has been appointed by Zhejiang Forwon Brazed Plate Heat Exchanger Co., Ltd as the Notified Body for the conformity assessment of their range of heat exchangers.

Appointed Auditor: Mike Li, ID no. 013


Scope

Undertake a Module D1 surveillance of the Quality System used by Zhejiang Forwon Brazed Plate Heat Exchanger Co., Ltd in the manufacture and test of the described heat exchangers.

No changes to the described pressure equipment since last year's audit.

Contents / Results

The Quality Management System as used by Zhejiang Forwon Brazed Plate Heat Exchanger Co., Ltd in the manufacture and test of the range of heat exchangers as described above was assessed against the requirements of the Pressure Equipment Directive and found to be complete and acceptable, with adequate records being kept of the entire process.

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Records and samples were checked and found in order.

ISO 9001 Quality Management certificate No 15/15Q6315R20 issued by WIT Assessment with an expiry date of Sept 2018 was reviewed and forms part of this assessment.

Raw Material Suppliers: Ningbo Baosteel Stainless Processing Co., Ltd, with EN10204 3.1 certificates, and ISO 9001 certification issued by BSI.

Hydraulic pressure tests on sample heat exchangers were witnessed during the audit.

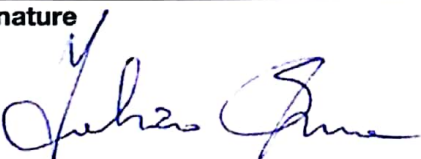
Recommendations

All non-conformities having been satisfactorily resolved, Module D1 Quality Assurance certificate no. HPiVS/P1001-116-Q-05 has been issued, Zhejiang Forwon Brazed Plate Heat Exchanger Co., Ltd is hereby authorised to continue to place the HPiVS Notified Body number (1521) adjacent to the CE mark on the dataplate of the described heat exchangers that are Category I.

This certificate is issued subject to annual surveillance being carried out as required by Article 14 and Annex III of the Pressure Equipment Directive and may be subject to unannounced audits.

This certification is also subject to Zhejiang Forwon Brazed Plate Heat Exchanger Co., Ltd continuing to be in possession of a valid quality management certificate on the expiry of their above mentioned ISO 9001 certificate.

Signature



Name Fabrizio Spina **Date of Report** 17 January 2018

Assessment / Inspection Engineer HPi Verification