



# 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 H

<b>Certificate Number</b>	HPiVS-IP1002-062-Q-10-00	<b>Date of Expiry</b>	25-Jan-2026
<b>Date of Issue</b>	21-Dec-2022	<b>Surveillance due:</b>	25-Jan-2024
<b>Manufacturer</b>	<b>Zhejiang Cangnan Instrument Group Co., Ltd.</b> Lingxi Town Industrial Demonstration Area, Cangnan County, Zhejiang Province, China		

<b>Description of Pressure Equipment</b>	RM Rotary Gas Meters: DN25-150, PN16 and 20, GB/T 1173-2013 Grade ZL101. TM Turbine Gas Meters: DN50-200, PN16, GB/T 1173-2013 Grade ZL101 DN50-200, PN20, 25, 40, ASTM A216-2017 Grade WCB DN250-300, PN16, 20, 25 and 40, GB/T 8163-2018 Grade 20
<b>Equipment Identification</b>	CE plate on each Category I, II and III items
<b>Type of material</b>	See description
<b>Other Certification</b>	ISO 9001:2015 Quality Management System certificate no. AN21Q3052R7M by Ceprei Certification Body
<b>Standards Applied</b>	GB 150-2011, EN 12480-2018, EN 12261-2018
<b>Report Reference</b>	HPiVS-IP1002-062-10

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

This Report has been issued by **HPi Verification Services (Ireland) Ltd.** which is a body notified to the European Commission according to the provisions of the Pressure Equipment Directive (Notified Body number 2810).

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 '2810', being HPi Verification Services (Ireland) Ltd. Notified Body number should also be placed on the equipment dataplate.

Check this certificate is genuine



Quality Director

Technical Director

An INAB accredited Certification Body 6022.



EU Notified Body No. 2810  
Company registered in Ireland #577786


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	REFERENCE:	PRE - F - 25	ISSUE:	04
	TITLE:	PED ASSESSMENT REPORT		

NAME AND ADDRESS OF MANUFACTURER		LOCATION OF INSPECTION		REPORT NO
Zhejiang Cangnan Instrument Group Co., Ltd. Lingxi Town Industrial Demonstration Area, Cangnan County, Zhejiang Province, China		At the works of Zhejiang Cangnan Instrument Group Co., Ltd.		HPiVS-iP1002-062-10
DESCRIPTION				
Rotary Gas Meters: DN25-150, PN16 and 20, GB/T 1173-2013 Grade ZL101. TM Turbine Gas Meters:   DN50-200, PN16, GB/T 1173-2013 Grade ZL101 DN50-200, PN20, 25, 40, ASTM A216-2017 Grade WCB DN250-300, PN16, 20, 25 and 40, GB/T 8163-2018 Grade 20.				
Manufacturer	Zhejiang Cangnan Instrument Group Co., Ltd	Risk Category	≤III	
Design Code	GB 150-2011, EN 12480-2018, EN 12261-2018	PED Module Applied	H	
Pressure Range	See PN rating	Test Pressure	As per design code	
Temperature Range	-25°C to 55°C	Test Date	08-09 December 2022	
REPORT				
Introduction				
The range of gas meters as described above manufactured by Zhejiang Cangnan Instrument Group Co., Ltd. fall within the scope of the Pressure Equipment Directive, and as such must be subject to appropriate conformity assessment procedures during design, manufacture and test prior to them being placed on the market or put into service in the European Economic Area. At up to Category III as defined in the Pressure Equipment Directive, Module H is an appropriate conformity assessment module, and HPiVS (Ireland) has been appointed by Zhejiang Cangnan Instrument Group Co., Ltd. as the Notified Body for the conformity assessment of the range of gas meters. Appointed Auditor: Maggie Zhou (ID no. 102).				
Scope				
Undertake a Module H re-assessment audit of the Quality System used by Zhejiang Cangnan Instrument Group Co., Ltd. in the design, manufacture and test of the described gas meters. There is no change to the scope since the previous audit.				
Contents / Results				
The Quality Management System as used by Zhejiang Cangnan Instrument Group Co., Ltd. in				

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the design, manufacture and test of the range of gas meters 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. Records and samples were checked and found in order.

ISO 9001:2015 Quality Management System certificate no. AN21Q3052R7M by Ceprei Certification Body with an expiry date 20 June 2024 was reviewed and forms part of this assessment.

Raw material supplier: Zhejiang Cangnan Instrument Group Co., Ltd, has Annex I para. 4.3 certification issued by HPiVS.

PMA for GB/T 8163 grade 20, ASTM A582 grade 303F, ASTM A351 grade CF8, GB/T 1173 grade ZL101A endorsed in 2020.

The auditor witnessed pressure tests on sample meter type RM-50-G65 batch no. 033304W and type TM-50-G65 batch no. 053242A during the audit. Material certificates and inspection records were checked by the auditor for these heats.

Pressure gauges are calibrated by P.R China's Legal Metrological Verification Institution accredited laboratory Cangnan County Quality and Technical Supervision and Testing Institute.

#### Recommendations

All non-conformities having been satisfactorily resolved, Module H Quality Assurance certificate no. HPiVS/iP1002-062-Q-10 has been issued, and Zhejiang Cangnan Instrument Group Co., Ltd. is hereby authorised to continue to place the HPiVS (Ireland) Notified Body number (2810) adjacent to the CE mark on the dataplate of the described Category I, II and III gas meters.

This certificate is issued subject to annual surveillance. Such surveillance may be unannounced.

*NOTE: For QA Modules the auditing results are based on sampling process of the information made available on site.*

*Control of the certification documents and CE Mark is explained in the Certification Agreement Section 11.2.*

#### Signature



Name F. Spina



Assessment / Inspection Engineer, HPi Verification Services

Date of Report 21 December 2022