



Water Regulations Approval Scheme Limited (WRAS) hereby recognises:

*Guangzhou IAPMO Laboratory Co., Ltd
No. 201 Building A,
Yushu Industrial Park,
Science City,
Huangpu District,
Guangzhou City, Guangdong, China*

As a Certified Testing Laboratory.

Reports prepared by the laboratory in accordance with the policies and procedures agreed to by the laboratory in the Laboratory Agreement, for the tests detailed in the attached Scope of Recognition, will be accepted by WRAS as evidence to demonstrate compliance with the requirements of the Water Supply (Water Fittings) Regulations*.

The most recent issue of the scope of recognition is available from the WRAS website: https://www.wrasapprovals.co.uk/approvals/contact_details_of_laboratories/.

This recognition is subject to continuing conformity with the WRAS Laboratory Recognition requirements.

Authorised by:

A handwritten signature in blue ink, appearing to read 'Ian Hughes'.

Ian Hughes
WRAS Approvals Manager



Date of Initial Recognition: 4th June 2024
Certificate issued: 17th November 2025

Testing to be performed at the above address only unless permitted by the Scope of Recognition. Any alteration or falsification of this certification may constitute grounds for delisting of the Laboratory. Reproduction of this certification, in whole or in part, for advertising purposes without the expressed written permission of WRAS is strictly prohibited.

*Water Supply (Water Fittings) Regulations 1999 (England & Wales), the Water Supply (Water Fittings) (Scotland) Byelaws 2014 and the Water Supply (Water Fittings) Regulations (Northern Ireland) 2009

SCOPE OF WRAS LABORATORY RECOGNITION

Laboratory Reference: GIAP2309

Issue no: 3

Contact Name: **Lijing Zhang**Issue Date: 17th November 2025Contact details: lijing.zhang@iapmortl.org

Detail of Recognition:

The Laboratory has satisfactorily demonstrated its compliance to ISO/IEC 17025:2017 as referenced in clause 6.2 of ISO/IEC 17065:2012 and has been verified as capable of performing tests in the following categories:

Products tested	Standard Reference / specification & Test Type
Water Fittings in contact with wholesome water for the WRAS Approvals Product Scheme To demonstrate compliance with the requirements of the Water Supply (Water Fittings) Regulations 1999, the Water Supply (water fittings) (Scotland) Byelaws 2014, and the Water Supply (Water Fittings) Regulation (Northern Ireland) 2009. * Recognition includes performance of testing at client locations.	Test Code Sheets: 1111.1 Closure* 1111.2 Closure 1111.3 Closure - Opening and reseating pressure test 1111.4 Closure - Temperature Conditions* 1111.5 Leaktightness test 1111.6 Closure at set outlet pressure* 1111.7 Closure - Diverter 1111.8 Closure under high downstream pressure* 1111.11 Closure under low downstream pressure* 1112.1 Porosity* 1112.4 Porosity 1112.5 Porosity 1112.6 Porosity 1112.7 Porosity 1113.1 Joint effectiveness* 1113.2 Joint effectiveness 1113.5 Joint effectiveness 1211.1 Endurance 1211.2 Endurance 1211.3 Endurance 1211.4 Endurance 1211.5 Endurance test 1211.7 Endurance 1211.14 Endurance 1211.15 Flushing device physical endurance and leakage 1211.21 Endurance - remote/non-touch method of actuating the water supply 1212.3 Accelerated ageing 1212.4 Accelerated ageing 1311.2 Deflection 1311.4 Deflection 1312.2 Deformation 1312.5 Deformation (Boss distortion)

	1312.6 Deformation 1312.9 Deformation 1313.1 Impact 1313.2 Impact 1314.1 Tension - (Resistance to pull-out of assembled joints - single pull) 1314.4 Tension - cold embrittlement 1314.5 Compression - front thrust test 1314.7 Tension - (Resistance to pull-out of assembled joints - single pull) 1314.8 Tension - (Resistance to pull-out of assembled joints - multiple pull) 1314.9 Tension - (Resistance to pull-out of assembled joints – single pull) 1314.10 Tension - (Resistance to pull-out of assembled joints - single pull) 1314.11 Tension - (Resistance to pull-out of assembled joints - single pull) 1314.12 Tension - (Resistance to pull-out of assembled joints - single pull) 1314.13 Tension - (Resistance to pull-out of assembled joints - single pull) 1314.14 Tension - (Resistance to pull-out of assembled joints - single pull) 1314.15 Tension - (Resistance to pull-out of assembled joints - single pull) 1315.1 Torque - operating mechanism 1315.2 Torque - Connection and Disconnection 1315.4 Torque - backnuts 1315.6 Torque - backnuts 1321.1 For deleterious films in copper tube 1411.1 Dezincification resistance 1411.2 Corrosion protection 1411.3 Flushing device: chemical endurance 1412.1 Corrosion protection* 1511.2 Flush Rate 1511.4 Flow rate 1511.5 Flow rate 1512.11 Solids discharge and after flush volume for maximum flush 1512.12 Wash of bowl 1611.5 Means for connection and disconnection 1611.8 Visual inspection - seal to be readily renewable 1611.9 Visual inspection - fixing of washer plate 1611.10 Visual inspection - means of operation 1611.11 Visual inspection - means of renewing seat and washer, or seal and washer, if so required 1611.14 Visual inspection - manually operated easing gear 1611.16 Liquid contaminant, dye retention 1711.2 Operating efficiency 2111.1 Effect upon water quality 2111.2 Effect upon water quality 2111.3 Effect upon water quality 2114.2 Opacity 2211.2 Contamination - vacuum when submerged 2211.3 Contamination - mixing of primary and secondary 2212.4 Contamination - antisiphonage test 2212.6 Vacuum test 2212.20 Backflow prevention. Regulator's specification for WC suites
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	2213.14 Dimensional 2213.18 Dimensional 2213.19 Dimensional 3212.1 WC flush volume and water seal depth 4001.10 Leak tightness of waste outlet with push down pop-up waste mechanism (non-adjustable click type) 5011.1 Measurement of linear dimensions* 5011.6 Water Seal depth 5031.1 Dimension - capacity 5031.3 Dimension - lifting effort 6001.1 Marking for identification* British Standards: BS/EN 248 Sanitary tapware - General specification for electrodeposited coatings of Ni-Cr BS EN DIN ISO 9227 neutral salt spray (as part of EN248) BS14506 Devices to prevent pollution by backflow of potable water. Automatic diverter. Family H, type C
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