

Requirements for the Acceptance and Recognition of Test Laboratories for WRAS Approvals

Abstract: As the test results of the performance of a water fittings product / material provided by Testing Laboratories supply a significant contribution to the WRAS Approval Schemes it is imperative that Water Regulations Approval Scheme Ltd has total confidence in the results provided by the Testing Laboratory. This policy identifies the mechanisms employed to verify and identify “Recognised Laboratories” under the WRAS Approvals Certification Scheme.

This document is the property of WRAS and must not be reproduced, in whole or part, or otherwise disclosed without prior written consent.

The official, controlled copy of this document is the electronic version held within our network server and visible to all authorised users.

All printed copies, and electronic copies and versions, except the ones described above, are considered uncontrolled copies which should be used for reference only. It is the user's responsibility to ensure that any copies used are true duplicates of the current version

Table of Contents

Table of Contents	2
Introduction	3
Process for Testing Laboratories to obtain WRAS Recognition.....	4
Stage 1 – Contract Review of Laboratory Suitability	4
Stage 2 – Initial Inspection.....	4
Stage 3 - Recognition.....	5
Stage 4 – Continued Evaluation & Surveillance	6
Structure of Surveillance Inspections Undertaken by WRAS	7
Appendix A – WRAS Price list for Laboratory Recognition (Effective from September 2019)	9
Appendix B: Example Certificates of recognition.....	10

WRAS Recognition of Test Laboratories Version Control		
Version	Issue Date	Summary of Changes
WRAS.Cust-404 Ver 1.0	20/10/2020	New document to describe the WRAS Laboratory Recognition process
Ver 2.0	1/4/2021	Document re-issued in the name of the new legal entity: Water Regulations Approval Scheme Limited
Ver 3.0	29/06/23	Inclusion of Material Test laboratories Removal of recognition of in-house test laboratories for CE Marking of construction products Update to commitment to provide proficiency trials. Expansion of requirements for Secondary Recognition Example recognition certificate added as Appendix A
Ver 3.1	29/06/23	Correction of footer
Ver 3.2	14/11/23	Removal of duplicate paragraph (#15&36) & Correction of WRAS.Cust-407 to 406 in para #42
Ver4	09/07/2025	Para 29 Addition of certificate for recognised secondary labs and clarification of communication of status Appendix B: Revised format of Recognition Certificates
Ver5	10/07/2025	Para 13 addition reference to price list in Appendix A Para 29 Addition of certificate for recognised secondary labs and clarification of communication of status Para 39 inclusion of follow-up review in Stage 4 Appendix A: Addition of Price list for Recognition inspections.

Introduction

- 1 Under the requirements of ISO17065 (6.2.2.2) Water Regulations Approval Scheme Limited (WRAS) is responsible for ensuring the quality of all activities outsourced to another body. As the mechanical testing results of a product and the testing of materials make up a significant part of the Certification Assessment process, the testing laboratories who provide these results are considered to be an external resource. As such it is imperative that WRAS has full confidence in the processes and output of any laboratory that it approves as a provider of this outsourced activity.
- 2 Fittings may be tested by either recognised manufacturers in-house test laboratories, or by an independent Third-Party Test Laboratory to demonstrate compliance with an appropriate British Standard or a specification approved by the regulator.
- 3 Non-metallic materials which will be in direct contact with wholesome water may be considered for WRAS approval if they have satisfied the requirements of BS 6920:2000/2014 Parts 1 and 2, together with Part 3 for hot water usage. No standard of any other EEA State includes the same suite of tests, although individual tests may be considered as providing evidence for an equivalent level of performance. Test Laboratories for materials testing must be able to report all elements of the British Standard to be recognised.
- 4 All laboratories submitting test reports to support Applications for WRAS Approvals must be Recognised by WRAS prior to any reports being accepted.
- 5 Applicants may choose a third party to facilitate the application process. For example, a Recognised Test Laboratory may manage the application for all product types however the applicant remains responsible for the completion of the application forms including the signature of the declaration. A Test Laboratory may choose whether to offer services to their clients to facilitate an application for WRAS approval.
- 6 Regardless of the approach taken for application, it is critical that the Recognised Test Laboratory provides WRAS with assurance that the testing used to demonstrate compliance to the Regulations has been performed competently and under the appropriate level of quality control.
- 7 The following requirements apply to all Recognised Test Laboratories recognised by WRAS to provide test reports in support of a Product or Material Approval application.

Process for Testing Laboratories to obtain WRAS Recognition.

Stage 1 – Contract Review of Laboratory Suitability

- 8 Prospective Recognised Test Laboratories must be accredited to ISO 17025 for all the tests required for the product or material as specified on the WRAS website. The Accreditation Body performing the accreditation must be a signatory of the ILAC mutual recognition arrangement of Accreditation Bodies.
- 9 To apply for recognition the laboratory must complete an Application form for Laboratory Recognition (WRAS.Cust-405F1, which can be downloaded from the [WRAS website](#)) and provide WRAS with copies (written in English) of the organisation's:
 - ISO/EN 17025 Accreditation certificate and schedule of accredited tests,
 - Quality Manual (including details of laboratory facilities & resources)
 - Evidence of the Legal Status of Organisation (e.g. Certificate of Incorporation)
 - A signed copy of the WRAS Recognised Test Laboratory Agreement (WRAS.Cust-404)
 - A signed copy of the WRAS Requirements & Code of Practice (WRAS.Cust-402)
- 10 A desktop review of these documents will be performed within 2 months of receipt.

Stage 2 – Initial Inspection

- 11 On completion of a satisfactory desktop Contract Review WRAS will schedule an inspection of the relevant laboratory. The inspection will be undertaken by a team consisting of a minimum of a Quality Management System Inspection or and a technical expert. This will be performed as described in WRAS.Cust-406; Conduct of Laboratory Inspections and External Inspections.
- 12 The laboratory shall provide additional information as detailed on the provided visit plan prior to the initial inspection to allow the assessment team preparation. This will include copies of (written in English), but not limited to, the organisation's:
 - Specified procedures and records including:
 - Test operating procedures
 - Training & competency records of personnel performing the tests & details of the number of authorised Report Signatories
- 13 The cost of the inspection, including a daily rate, travel costs, interpreter fees (if required) and assessor expenses, shall be met by the prospective laboratory in accordance with the agreement it has entered into with WRAS. The list of fees and price list for WRAS Laboratory Recognition can be found in Appendix A below.
- 14 The inspection will consist of a review of the Quality System and a review of the technical performance of tests appropriate to WRAS approval. Test samples will be provided which must be tested during the visit and witnessed by the Technical Assessor.
- 15 The report detailing the findings of the inspection will be issued to the Laboratory within one month of the inspection being performed.
- 16 Any observations raised must be addressed by the prospective Recognised Test Laboratory within 3 months of the inspection report date. Evidence of the corrective action taken by the laboratory, along with details of the appropriate mechanisms to prevent reoccurrence, shall be provided by the prospective Recognised Test Laboratory to WRAS.
- 17 Serious non-compliances which could (in the opinion of WRAS, acting reasonably) have a

critical effect on the confidence of results being reported by the prospective Recognised Test Laboratory may be notified by WRAS to appropriate authorities, including (without limitation) the Accreditation Body. Serious non-compliances would include, but not be limited to:

- 18 situations where the non-compliance would require the withdrawal, or a significant modification (e.g. reduction of the level of backflow protection) of, approvals based on the effected test
- a systematic failure
 - fraudulent reporting or
 - falsification of records.

Stage 3 - Recognition

- 19 When any observations have been satisfactorily cleared, the WRAS Quality Assurance Manager will submit a recommendation to the WRAS Approvals Manager or Director to grant the Recognition. Once that decision has been made WRAS shall notify the prospective Recognised Test Laboratory of the result in writing.
- 20 Successfully recognised laboratories will be presented with a Certificate of Recognition (see Appendix B) which will detail the scope of recognised tests.
- 21 If WRAS decides to grant Recognition, the laboratory will be added to the “Recognised Laboratories” section of the Website.
- 22 Recognised Test Laboratories will be categorised into three levels of WRAS recognition:
- Certificate
 - Affiliate
 - Secondary
- 23 Certificated recognition is granted to newly recognised laboratories. This indicates that they have been assessed against WRAS requirements and have demonstrated an acceptable level of competence. During the initial five years of recognition, WRAS will monitor closely the reports submitted as supporting evidence for WRAS applications, and if appropriate will submit test samples for the “Certificate” laboratories to test and report. The Laboratories will meet the costs of this testing.
- 24 “Affiliate” Laboratories have been recognised by WRAS for more than one full cycle of laboratory recognition evaluation (i.e. over 4 years) and will have demonstrated a consistent level of submissions and positive surveillance outcomes as determined at WRAS’ discretion.
- 25 “Secondary” Recognition is a linked recognition of an externally provided service used by a WRAS recognised laboratory. This may be granted to laboratories that are routinely used by a Recognised “Primary” test laboratory to sub-contracted testing that is included as part of an application for WRAS Approval.
- 26 It is the responsibility of each Recognised laboratory to ensure that any laboratory they use (or intend to use) for sub-contracting tests which will be part of an application for a WRAS approval, are recognised by WRAS, either in their own right or as a Secondary Lab, for the appropriate tests.
- 27 The application for a secondary recognised laboratory must be submitted (using application form WRAS.Cust-405F7) by the existing “Primary” Recognised Laboratory, who will be responsible for obtaining the agreement and cooperation of their nominated secondary

- laboratory(s) to proceed with the application. This includes the responsibility to fund any additional technical inspection of the secondary laboratory as may be required by WRAS.
- 28 A reduced technical inspection will be undertaken to establish competence of the sub-contracted lab for the specified tests. Additionally, a desktop review of the applicant's procedure and records for reviewing and approving the externally provided test results to fulfil requirements of BS EN ISO 17025:2017 section 6.6 will be performed. This will also evaluate the contractual arrangements with the "Primary" recognised laboratory and compliance with the WRAS Requirements. The primary laboratory remains responsible for assuring the quality of the externally provided content of the test report submitted to WRAS which includes sub-contracted testing.
- 29 Laboratories who have been granted secondary recognition will be issued with a WRAS Certificate of secondary recognition. This will indicate the relationship with the Primary Laboratory and the limited scope of WRAS acceptance. This will not be published on the WRAS Website. The Primary Laboratory may subsequently opt to indicate on their published scope of recognition which specific tests may be sub-contracted and the locations where these may be performed. This is not required by WRAS and such, a request must be made in writing by the Primary Laboratory for this to be added to their website listing.
- 30 WRAS will only accept sub-contracted results for tests that have been included on the Secondary Laboratory's Scope of Recognition. If other tests are sub-contracted by a "Primary" lab these will need to be added to the scope. This applies even if these are tests additional to those required by the regulator specifications but are required to complete the testing required for Standards that have been recognised by WRAS as being equivalent.
- 31 Once a laboratory has been recognised by WRAS (whether as a Primary or Secondary laboratory), any other WRAS Recognised laboratory may use them for sub-contracting the tests on the scope of recognition. However, a review of the contract review aspects between the laboratories will be required for each subsequent "Secondary" relationship, which will usually be performed by WRAS as a desktop / remote review with the laboratory engaging the Secondary Lab.

Stage 4 – Continued Evaluation & Surveillance

- 32 All laboratories will be subject to ongoing surveillance. The level and type of surveillance will vary in line with experience / perceived risk to WRAS approvals, e.g. newly recognised laboratories would be subjected to more frequent inspection until confidence is established. A vertical audit and follow up visit will be required approximately 6 months after the first reports are submitted.
- 33 Accreditation to ISO 17025 must be maintained throughout the time the laboratory wishes to be Recognised; WRAS must be informed by the laboratory if accreditation is withdrawn for any reason and must be notified of any major non-conformances identified by their Accreditation Body which are related to their scope of WRAS recognition. The laboratory shall disclose to WRAS, significant quality- related issues relating to tests that may be performed to support WRAS Approvals and will share accreditation inspection reports relevant to WRAS Approvals with WRAS on request.
- 34 Where practical, WRAS will issue test samples for the laboratories as a proficiency test to evaluate consistency of reporting between similar laboratories. The Laboratories will meet the costs of this testing. If any of these generate unexpected results, and a subsequent review identifies that the laboratory has submitted an incorrect report, the laboratory WRAS reserve the right to suspend the Laboratory from the "recognised Laboratories" section of

- the WRAS website and consider the impact on previous and current approvals and applications. WRAS will identify any conditions that must be fulfilled in order for reinstatement to be considered.
- 35 Note: Where possible several items from the same manufacturing batch be submitted to all labs at the same time. Both approved products/materials and items that would fail testing may be submitted throughout the period of the approval.
- 36 Laboratories shall expect to be inspected by WRAS on site periodically (at least once during each ISO 17025 accreditation cycle or every 4 years), where the analysis of a blind test sample may be witnessed by a Technical expert.
- 37 A Laboratory may request WRAS to forego a surveillance inspection so long as the Laboratory has maintained accreditation to the latest revision of ISO 17025 being assessed by an International Laboratory Accreditation Corporation (ILAC) signatory. With such requests the Laboratory shall provide WRAS with the ISO 17025 inspection reports provided by the ILAC signatory accreditation body that cover the period since the last WRAS review. The ultimate decision to forego an inspection shall be for WRAS, in its sole discretion and will be made based on a risk assessment which will take into account a range of factors including any non-conformances / non-compliances raised.
- 38 WRAS will notify the Laboratory of the assessment team in advance and the Laboratory may raise objections to any member of that team on reasonable grounds notified in writing within 10 business days of such notification. WRAS will consider any such objections and will use its reasonable endeavours to accommodate them but will retain ultimate discretion as to the choice of an appropriate team to carry out any assessment.
- 39 Any non-conformances observed during surveillance inspections must be addressed within one month of the inspection report date. Evidence of the corrective action taken by the laboratory, along with details of the appropriate mechanisms to prevent reoccurrence, shall be provided to WRAS.
- 40 Serious non-compliances which could have a critical effect on the confidence of reported results may have the effect of the laboratory recognition being suspended, removed or have their scope of recognition amended. When any mandatory findings have been satisfactorily cleared, the WRAS Quality and Compliance Manager will recommend to the WRAS Product and Materials Manager that WRAS recognition is maintained.

Structure of Surveillance Inspections Undertaken by WRAS

- 41 WRAS will take UKAS accreditation to ISO 17025 (or other national Accreditation Body evaluation) into account as part of the monitoring of Recognised Test Laboratories as long as the scope of such accreditation is applicable to the work being undertaken as part of WRAS approvals. The validity and appropriateness of this accreditation will be verified periodically as part of the on-going surveillance inspections as required by BS ISO 17065 section 6.2.2.4 Note 1.
- 42 The Surveillance Inspections will confirm that an appropriate quality assurance system is operated effectively by the Testing Laboratories.
- 43 The inspection undertaken by WRAS will review:
- 44 Laboratory Management structure and control of confidentiality and impartiality
- Management of Resources – including:
 - Personnel training and authorisation, competency, and allocation of responsibilities.

- Maintenance, traceability, and calibration of testing equipment
- Control of facilities & environment
- Subcontracting of external services
- The Laboratory Quality System including:
 - Contract Review & relationship with Clients & WRAS
 - Policies and document control
 - Control of records, data and information management
 - Non-conforming work and corrective actions
 - Quality assurance & internal inspections
 - Management review
 - Complaints & feedback
- Process Requirements including:
 - Review of requests
 - Test selection
 - Proficiency testing
 - Test item handling and technical records
 - Quality control and result validity assurance
 - Test Reports – conformity statements & amendment control.

45 The Process for performing these Inspections is defined in WRAS.Cust-406: Conduct of Laboratory Inspections and External Inspections.

Appendix A – WRAS Price list for Laboratory Recognition (Effective from September 2019)

Administration Charges:	
Evaluation and review of applications and renewal	GBP 1,178 per day (rates will be charged in days, half days or quarter days per person.)

Assessment Charges:	
Initial assessment for new Recognition Day rate	GBP 1,178 per assessor
Standard Assessment Day rate	GBP 919 per assessor
Expenses and Subsistence	GBP 208 per day per assessor
Non-domestic UK flights	Charged at actual cost
Ancillary costs (e.g. translation costs)	Charged at actual costs

- Rates will be calculated in days or half days per person. A 'day' being an eight-hour working day.
- WRAS will not bill assessor time for journeys wholly within the United Kingdom. Total travel time to reach destinations outside the UK will be charged at the appropriate day rate.
- The standard of air travel is normally economy for short haul, premium economy on medium haul and business class on long haul (i.e. flights of more than 7 hours including connecting flights and transfers).
- Trapped weekend days will not be billed as a day rate however assessment team expenses and subsistence will be charged.
- If the applicant laboratory wishes to arrange the travel and accommodation, only the daily rate & assessment team expenses and subsistence will be charged.
- Where the applicant laboratory cancels or postpones the date of a visit after it has been agreed in writing with WRAS, a fee is payable as follows:

Visit postponed / cancelled by Laboratory	Charge
Within 14 days of issue of [estimate]	No Charge
30 days or more before the start date of the visit	25% of the inspection fees
Within 30 days of the start of the visit	100% of the inspection fees
Expenses incurred which can not be recovered or cancelled by WRAS once notified by Laboratory	100% of expenses incurred
Expenses incurred to change timing for re-arranged inspection at request of Laboratory e.g. to change flights	100% of expenses incurred

Appendix B: Example Certificates of recognition
Mechanical Testing Laboratory:



WATER REGULATIONS APPROVAL SCHEME

Water Regulations Approval Scheme Limited (WRAS) hereby recognises:

NAME
ADDRESS
ADDRESS
POSTCODE

As an Affiliated/Certificate 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: 


Ian Hughes
WRAS Approvals Manager



Date of Initial Recognition: dd MMMM YYYY
Certificate issued: dd MMMM YYYY

Testing to be performed at the above address only unless permitted by the Scope of Recognition. Any alteration of 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



WATER REGULATIONS APPROVAL SCHEME

Lab LABREF Issue N.O

SCOPE OF WRAS LABORATORY RECOGNITION

Laboratory Reference: LAB YYMM (date of inspection) Issue no: N

Contact Name: Name Issue Date: 03/12/2024

Contact details: Email address

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	<i>EG: British Standards:</i> BS 1212 (1990 1991 & 2016) Float Operated Valves Part 2 Specification for diaphragm type float operated valves (copper alloy body) (excluding floats) Part 3 Specification for diaphragm type float operated valves (plastics bodied) for cold water services only (excluding floats) Part 4 Specification for compact type float operated valves for WC flushing cisterns (including floats) BS EN 997 (2012 & 2018) WC pans and WC suites with integral trap BS EN 14055 (2018) Testing, reporting & CE marking of WC Flushing Cisterns
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.	<i>Test Code sheets:</i> 1211.15 Endurance 1411.3 Flushing device Chemical endurance 1412.1 Corrosion protection 1511.2 Flush Rate 1512.10 Paper discharge for reduced flush volume 1512.11 Solids discharge and after flush volume for maximum flush 1512.12 Wash of bowl 1611.16 Liquid contaminant, dye retention 2111.1 Effect on water Quality 2212.3 Vacuum /Dimensional AG airgap 2212.20 Backflow prevention 2213.12 Dimensional AB airgap 2213.14 Dimensional AUK1 3212.1 WC flush volume and water seal depth 5011.1 Measurement of linear dimension 5011.7 Warning pipe and overflow provision 6001.1 Marking for identification
* Recognition includes performance of testing at client locations.	

END

WRAS.Cust-405F6 Version 2.0 Issued on: 03/12/2024 Page 2 of 2

If associated Secondary Recognised laboratories are listed:



Water Regulations Approval Scheme Limited (WRAS) hereby recognises:

NAME
ADDRESS,
ADDRESS
POSTCODE

As an Affiliated/Certificate 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: 
Ian Hughes
WRAS Approvals Manager



Date of Initial Recognition: dd MMMM YYYY
Certificate issued: dd MMMM YYYY

Testing to be performed at the above address only unless permitted by the Scope of Recognition. Any alteration of 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



Lab LABREF Issue N.O

SCOPE OF WRAS LABORATORY RECOGNITION

Laboratory Reference: LAB YYMM (date of inspection) Issue no: N
Contact Name: Name Issue Date: 03/12/2024
Contact details: Email address
Testing Location: A - Primary laboratory address
B - Secondary Laboratory address
C - Secondary Laboratory address etc...


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	Recognised Testing Location					
		A	B	C	D	E	F
Water Fittings in contact with wholesome water for the WRAS Approvals Product Scheme	Test Code Sheets:						
	1111.1 Closure	X					
	1111.2 Closure	X					
	1111.3 Closure - Opening and reseating pressure test	X					
	1111.4 Closure - Temperature Conditions	X					
	1111.5 Leaktightness test	X					
	1111.6 Closure at set outlet pressure	X	X				
	1111.7 Closure - Diverter	X					
	1111.8 Closure under high downstream pressure	X					
	1111.9 Pressure tightness under a low reverse pressure differential	X					
	1111.10 Pressure tightness under a high reverse pressure	X					
	1111.11 Closure under low downstream pressure	X					
	1112.1 Porosity	X	X				
	1112.2 Porosity	X					
	1112.7 Porosity	X					
	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.	1112.8 Porosity	X				
1112.11 Porosity		X					
1112.14 Porosity		X					
1112.15 Body strength		X	X				
1113.1 Joint effectiveness		X					
1113.2 Joint effectiveness		X					
1211.2 Endurance		X					
1211.3 Endurance		X					
1211.4 Endurance		X					
1211.5 Endurance test		X					
1211.7 Endurance	X						
1211.14 Endurance	X						
1211.15 Flushing device physical endurance and leakage	X						
1211.16 Endurance	X						

WRAS.Cust-405F6 Version 2.0 Issued on: 03/12/2024 Page 2 of 3

Material Testing Laboratory:



Water Regulations Approval Scheme Limited (WRAS) hereby recognises:


Lab Name
Address
Postcode

As a Certified Material 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*.

This recognition is valid for four years from the date of issue, unless otherwise suspended or withdrawn.

Date of Issue: dd mm yyyy

Authorised by: 

Ian Hughes
WRAS Approvals Manager



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

Lab ref: Issue 1.0

SCOPE OF WRAS LABORATORY RECOGNITION

Laboratory Reference: Initials YYMM (of inspection) Issue no: 1

Contact Name: Name Issue Date: ddmmxx

Contact details: E-Mail Tel: xxxxxxxx

Detail of Recognition:	
<small>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:</small>	
Materials/products Tested	Standard Reference / specification
Non-Metallic materials in contact with wholesome water.	BS 6920 parts:
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	2-1 samples for testing
	2-2 odour and Flavour
	2-3 appearance of water
	2-4 growth of aquatic Microorganism
	2-5 extraction of substances hazardous to health
	2-6 extraction of metals

END

WRAS.Cust-405f6 Version 1.0 Issued on: 1/6/2023 Page 2 of 2

Secondary Test Laboratory:


WATER REGULATIONS APPROVAL SCHEME

Water Regulations Approval Scheme Limited (WRAS) hereby recognises:

Laboratory Name
Address
Postcode

As a Secondary Testing Laboratory in collaboration with [Primary Test LAB Name].

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

This recognition is valid for four years from the date of issue, unless otherwise suspended or withdrawn.

Date of Issue: dd MMM YYYY


Authorised by: 
Ian Hughes
WRAS Approvals Manager



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

Water Regulations Approval Scheme Limited • Units 13 • Millers Road • Phoenix Industrial Estate • Cwmbran • NP23 4GS • Wales • Tel: 01495 344444 • Email: info@wras.gov.uk • Website: www.wras.gov.uk


WATER REGULATIONS APPROVAL SCHEME

Lab # XXXX-S Issue 1.0

SCOPE OF SECONDARY WRAS LABORATORY RECOGNITION


Laboratory Reference: {Primary Recognised lab no} - S Issue no: 1

Primary Laboratory Contact: Name Issue Date: dd/mm/yyyy

Contact details: E-Mail Tel: xxxxxxxx

Secondary Laboratory Contact: Name

Contact details: E-Mail Tel: xxxxxxxx



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	Test Code Sheets (TCS): 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 1211.21 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)

WRAS.Cust-405F6 Version 0.1 Issued on: 1/6/2023 Page 2 of 4