



23<sup>rd</sup> September 2019

IDC Plumbing & Heating Technology (Beijing) Ltd  
3rd Floor, Unit 2, Building 2, Section A,  
Zhaowei Science & Technology Park,  
No. 14, Jiuxianqiao Road,  
Chaoyang District,  
Beijing 100016, China

Water Regulations Advisory Scheme Ltd.  
Unit 13, Willow Road,  
Pen y Fan Industrial Estate,  
Crumlin,  
Gwent,  
NP11 4EG

**Approval Number: 1909078**

Dear Sir/Madam

1. Production samples of the products described in Approval Information ("Products") have been subjected to relevant mechanical and water quality tests contained in the "Regulators' Specifications" for the purposes of your application for WRAS Approval.
2. After considering the test reports and examining the Product/s, The Water Regulations Advisory Scheme Ltd. ("WRAS Ltd" / "WRAS") finds that their use, when correctly installed (see paragraph 3) complies with the requirements of The Water Supply (Water Fittings) Regulations 1999, The Water Supply (Water Fittings) (Scotland) Byelaws 2014, The Water Supply (Water Fittings) Regulations (Northern Ireland) 2009 and all other applicable WRAS requirements from time to time.

The non-metallic materials of construction, in contact with the water, are suitable for contact with wholesome water intended for domestic purposes having met the requirements of BS 6920-1: 2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water.

WRAS Approvals are granted subject to and in accordance with the Standard Terms and Conditions of WRAS Fittings Approval as amended from time to time ("**Standard Terms of Approval**"). You have confirmed your acceptance of the Standard Terms of Approval by submitting your application for WRAS Approval. A copy of the current Standard Terms of Approval are attached to this letter as Appendix B and are also available from the WRAS website: [www.wras.co.uk](http://www.wras.co.uk).

Terms defined in the Standard Terms of Approval shall have the same meaning in this letter unless the context otherwise requires.

3. Installation Requirements & Notes (IRNs) are set out in Appendix A. WRAS Product Approvals may include one or more IRNs, which must be followed by the installer to ensure that the product is installed correctly to comply with The Regulations and Byelaws. Since the incorrect installation of products could result in contravention of the Regulations or Byelaws requirements, **the attention of your customers should be drawn to any IRNs.**
4. Please note that the use of the Products described in any particular area of supply is at the discretion of the Water Undertaker in that area.
5. Approval Holders may quote in their sales literature that **WRAS finds that the use of these products, when correctly installed, will not contravene the requirements of** The Water Supply (Water Fittings) Regulations 1999, The Water Supply (Water Fittings) (Scotland) Byelaws 2014, The Water Supply (Water Fittings) Regulations (Northern Ireland) 2009.
6. The "WRAS Approved Product" logos are certification marks registered under the Trade Marks Acts 1994 ("**Certification Marks**"). Approval Holders may use the Certification Marks in accordance with the Standard Terms of Approval.
7. Please verify the details of your Product as set out in the approval information and advise us of any discrepancies by no later than **23<sup>rd</sup> October 2019**

Yours Faithfully

A handwritten signature in dark ink, appearing to read 'J Furnival', written in a cursive style.

Jason Furnival  
Secretary, Product Approval Group

**APPROVAL INFORMATION**

Validity dates:	This approval is valid for fittings (as listed below in model) manufactured AND installed between September 2019 & September 2024
Section Number:	<b>2260</b>
Section title:	<b>VALVES - SPHERICAL, METAL.</b>
Installation requirement notes:	<b>R001</b> (IRN's are set out in Appendix A)
Product description:	Range of in-line, angled or 'T' type spherical valves with chromium plated brass, nickel plated brass, brass or DZR brass bodies and brass ball, EPDM 'O'-rings/Washers and PTFE Seats, models are screwdriver or lever operated. Maximum working pressures: M30220000P model: 40.0 bar. M30150000DZRP, M30220000DZRP, M30150000LVP, M30150000, M30150000P, & M30220000 models: 25.0 bar. All other models are 10.0 bar. Maximum working temperature 99°C.
Size:	see model
Identification Marking:	IDC logo: E mark (~E~ within a circle) and size on valve body. Size on compression nut. The DZR models are marked 'CR'. All valve bodies have flow arrows except models: M28150300AP, M28150400AP, M28150000A, M28150000AP, M30150000DZRP, M30220000DZRP, M30150000LVP, M30150000, M30150000P, M30220000 & M30220000P.
Manufacturer:	IDC FLUID CONTROL CO., LTD
Factor:	IDC Plumbing & Heating Technology (Beijing) Ltd

Model:	Maximum working pressure 10.0 bar: ISO050 Straight isolation valve 14.7mm compression. ISO050P Straight isolation valve 14.7mm compression CP. M28150000 Straight isolation valve 15mm compression. M28150000P Straight isolation valve 15mm compression CP. M28220000 Straight isolation valve 22mm compression. M28220000P Straight isolation valve 22mm compression CP. M28150000DZRP Straight isolation valve 15mm compression DZR. M28220000DZRP Straight isolation valve 22mm compression DZR CP. ISO050LV Straight isolation valve 14.7mm compression with level handle. ISO050LVP Straight isolation valve 14.7mm compression with level handle CP. M28150000LV Straight isolation valve 15mm compression with level handle. M28150000LVP Straight isolation valve 15mm compression with level handle CP. M28220000LV Straight isolation valve 22mm compression with level handle. M28220000LVP Straight isolation valve 22mm compression with level handle CP. M28150000LVDZRP Straight isolation valve 15mm compression DZR with level handle CP. M28220000LVDZRP Straight isolation valve 22mm compression DZR with level handle CP. M32150300P Straight isolation valve 15mm compression x 3/8"M CP. M32150000 Straight Isolation valve 15mm compression heavy pattern. M32150000P Straight Isolation valve 15mm compression heavy pattern CP. M28150300AP Angle isolation valve 15mm compression x 3/8"M CP. M28150400AP Angle isolation valve 15mm compression x 1/2"M CP. M28150000A Angle isolation valve 15mm compression. M28150000AP Angle isolation valve 15mm compression CP. SM722050 Straight service valve 14.7mm compression x swivel 1/2"F CP. M40150400P Straight service valve 15mm compression x swivel 1/2"F CP. M40220600P Straight service valve 22mm compression x swivel 3/4"F CP. SM721050 Angle service valve 14.7mm compression x swivel 1/2"F CP. M41150400P Angle service valve 15mm compression x swivel 1/2"F CP. M32150400P Straight service valve 15mm compression x 1/2"M CP. M32220600P Straight service valve 22mm compression x 3/4"M CP. WMV050S Straight washing machine valve 14.7mm compression x 3/4"M CP. MWM1506 Straight washing machine valve 15mm compression x 3/4"M CP. MWMA1506 Angle washing machine valve 15mm compression x 3/4"M CP. MWMT1506 Tee washing machine valve 15mm compression x 3/4"M CP. 1BVA3 15mm compression tee washing machine valve CP.
	Maximum working pressure 25.0 bar: M30150000DZRP Straight isolation valve full bore 15mm compression DZR CP. M30220000DZRP Straight isolation valve full bore 22mm compression DZR CP. M30150000LVP Straight isolation valve full bore 15mm compression with level handle CP. M30150000 Straight isolation valve full bore 15mm compression. M30150000P Straight isolation valve full bore 15mm compression CP. M30220000 Straight isolation valve full bore 22mm compression.
	Maximum working pressure 40.0 bar: M30220000P Straight isolation valve full bore 22mm compression CP.



*This certifies that*

**IDC PLUMBING & HEATING TECHNOLOGY (BEIJING) LTD**

*has had the undermentioned product examined, tested and found,  
when correctly installed, to comply with the requirements of the  
United Kingdom Water Supply (Water Fittings) Regulations and  
Scottish Water Byelaws.*

**ISO050, ISO050P, M28150000, M28150000P, M28220000, M28220000P  
M28150000DZRP, M28220000DZRP, ISO050LV, ISO050LVP, M28150000LV  
M28150000LVP, M28220000LV, M28220000LVP, M28150000LVDZRP, M28220000LVDZRP  
M32150300P, M32150000, M32150000P, M28150300AP, M28150400AP, M28150000A  
M28150000AP, SM722050, M40150400P, M40220600P, SM721050, M41150400P  
M32150400P, M32220600P, WMV050S, MWM1506, MWMA1506, MWMT1506, 1BVA3  
M30150000DZRP, M30220000DZRP, M30150000LVP, M30150000, M30150000P  
M30220000, M30220000P SPHERICAL VALVES**

*The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current  
status of an approval must be obtained from the WRAS Directory ([www.wras.co.uk/directory](http://www.wras.co.uk/directory))*

*The product so mentioned will be valid until the end of:*

**September 2024**

**1909078**

*Certificate No.*

A handwritten signature in black ink, appearing to read "J. Furnival".

*Secretary*

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*Chairman, Product Assessment Group*