CERTIFICATE

UK APPROVAL
Certificate Number: 1802719

Date Issued: 15 February 2018
Date Expired: 15 February 2023

Description: Essence New' range of floor mounted shower systems (brass with various finishes), incorporating a ceramic cartridge headwork controlling both temperature and flow using a single lever operating member. Flow is directed between an overhead shower and handset outlet using a diverter valve. The shower hose connection incorporates a single check valve cartridge (suitable for backflow prevention against fluid category 2). Both shower outlets incorporate plastic flow regulators. 'Rough-in-set' models are intended for use with shower system models only. Maximum working pressure 5.0 bar. Maximum operating temperature 60°C

Product Designation: 23.741.001 – Essence New Shower System (Chrome).
23.741.DC1 – Essence New Shower System (Supersteel).
45.984.001 – 'Rough-in-set' for freestanding installation
29.038.001 – 'Rough-in-set' for freestanding installation
29.086 – 'Rough-in-set' for freestanding installation

This is to certify that the above range of products manufactured / supplied by

Company Name: Grohe AG

has been tested and found to comply with the requirements of the Water Supply (Water Fittings) Regulations 1999 for England and Wales, the Water Byelaws 2000, Scotland and the Water Regulations Northern Ireland.

This certificate must be read in conjunction with the acceptance letter for this product.

This approval is intended for compliance with the above Regulations and must not be considered equivalent to the product certification provided by Kiwa N.V.

To comply with the Regulations and Byelaws all products require the correct installation. Details of the installation requirements (IRN's) can be obtained from the acceptance letter supplied with this certificate.

Applicable IRN's for this certificate – R001, R010, R040

Authorised Signature

Kiwa Watertec
(A Trading Division of
Kiwa Ltd)
Unit 26A
Rassau Industrial Estate
Ebbw Vale, Gwent,
NP23 5SD
UNITED KINGDOM
Tel: 0044 (0) 1495 308185
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Certificate Issued to –

Grohe AG
Industripark Edelburg
58675 Hemer
Germany

kiwa approved product
UK WATER SUPPLY REGULATIONS

Kiwa Watertec

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Date: 15 February 2018

Our Ref: 1802719
Sample No: S170179

Grohe AG
Industripark Edelburg
58675 Hemer
Germany

Dear Sir,

1. Samples of fittings or units described below have been subjected to relevant tests and examinations contained in the "UK Regulators Specification", and after considering the test reports, KIWA Ltd finds that the fittings or units so described, comply with, when correctly installed, the requirements of the UK Water Supply (Water Fittings) Regulations 1999, Water Byelaws 2004 Scotland and the Water Supply (Water Fittings) Regulations (Northern Ireland) 2009.

DIRECTORY INDEX CATEGORY 2000

VALVES
Blending, manually operated.

IRN: R001, R010, R040

Essence New' range of floor mounted shower systems (brass with various finishes), incorporating a ceramic cartridge headwork controlling both temperature and flow using a single lever operating member. Flow is directed between an overhead shower and handset outlet using a diverter valve. The shower hose connection incorporates a single check valve cartridge (suitable for backflow prevention against fluid category 2). Both shower outlets incorporate plastic flow regulators. 'Rough-in-set' models are intended for use with shower system models only. Maximum working pressure 5.0 bar. Maximum operating temperature 60°C

Size: ½" BSP (F)

Model: 23.741.001 – Essence New Shower System (Chrome).
23.741.DC1 – Essence New Shower System (Supersteel).
45.984.001 – 'Rough-in-set' for freestanding installation
29.038.001 – 'Rough-in-set' for freestanding installation
29.086 – 'Rough-in-set' for freestanding installation

Marking: Grohe on shower outlets

Manufacturer: Grohe AG

2. Installation Requirements & Notes are set out at the end of this approval letter.

3. Fittings or units (and any non-metallic components within them) are re-assessed and, where necessary, retested every 5 years. You will be advised when your product is due for re-assessment. The extent of any retesting required for a product will be at the discretion of the Technical Manager.

4. Acceptance for listing entitles the applicant to identify your product with the Scheme's (KIWA Water Regulations Approval Scheme) mark. The use of the Mark will make the identification easier of the approved products by the Water Undertakers. Copies of the Mark are available on request for the purposes of producing artwork.

5. Manufactures or applicants may only quote in their sales literature, items used in this letter when indicating the decision of the Scheme in respect to their fittings or units, namely that the use of these fittings or units, when correctly installed, will not contravene the requirements of the Water Supply (Water Fittings) Regulations 1999, Water Byelaws 2004 Scotland or Water Regulations (Northern Ireland) 2009 and that a reference to the fittings or units will be included in the Scheme's web site.

6. Since the incorrect installation of water fittings could result in contravention of the Regulations or Byelaws requirements, the attention of your customers should be drawn to any Installation Requirements for Regulations or Byelaws compliance set out on Page 3.

7. Would you please supply the Scheme with a copy of any of your company literature, which may or will make reference to the Scheme's decisions about the products and/or quotes any of the installation requirements.

8. A condition of listing is that no modifications to these fittings or units described above shall be made without first notifying the Scheme and submitting to the Scheme details of the modifications and, if so required, samples of the fittings or units as so modified for consideration by the Scheme. Failure to comply with this condition may result in the removal from the Scheme's listing for the entry relating to the fittings or units in question.

9. Your products are requested to be replicas of the samples described above, and the right is reserved to carry out quality surveillance inspections of your production arrangements, reasonable written notice of which will be given.

10. Please note that the use of the items described in any particular area of supply is at the discretion of the Local Water Undertaking.

11. Manufactures or factors having appliances or units referred to in the Scheme's listing which incorporated individually approved components and materials are asked to ensure that such components and materials continue to be approved and/or listed in the relevant approved listings, during the current period of approval of their appliance. This may require modifications to approved appliances to ensure their retention in the Scheme's listings. The Scheme must be informed of any modifications (See Paragraph 8).

12. You are asked to verify the details of your products as set out in Paragraph 1 and advise us of any discrepancies.

Yours faithfully



David Jay
Business Manager

Installations Requirements & Notes.
IRN

IRN001
See text of entry for Installation Requirements or Notes.

IRN010 Schedule 2-15 (1)
Water supplies shall be at reasonably balanced pressures from a common source (e.g. hot and cold supplies both from the same storage or both from a supply pipe). Where the fitting is supplied from unbalanced supplies (e.g. hot and cold supplies from separate sources) a **'Listed' single check valve** or some other no less effective backflow prevention device shall be fitted immediately upstream of both hot and cold water inlets.

IRN040 Schedule 2-15 (1)
The fitting shall be installed so that its outlet discharges above the spill-over level of any fixed appliance as indicated below: -

For backflow protection in domestic premises or installations up to, and including, Fluid Category 3.

1. Size of tap or combination fitting.	2. Vertical distance of outlet above spill-over level.
1. not exceeding ½in 2. exceeding ½in but not exceeding ¾in 3. exceeding ¾in	20mm 25mm 70mm

If the fitting cannot be installed as indicated in the table it shall be installed: -

a) with an approved double check valve assembly or some other no less effective backflow prevention device immediately upstream of the inlet; or
b) so that it draws water by gravity only from a cistern, or cylinder having a permanently open vent pipe, and the distributing pipe supplies no other fittings (other than a draining tap) at a lower level.

For backflow protection in premises or installations up to, and including Fluid Category 5.
The vertical distance of the outlet above the spill-over level shall be not less than 20 mm or twice the diameter of the inlet pipe to the fitting, whichever is the greater.
If the fitting cannot be installed as indicated it shall be installed with a backflow prevention arrangement suitable for the Fluid Category.