



水務署
Water Supplies Department

總部 Headquarters

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本署檔號 : (14) in WSD 3321/19 T/J(494/2019)
Our ref.
來函檔號 :
Your ref.

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Fax.

4 October 2019

**Approval of “CALEFFI” Thermostatic Mixing Valves
(General Acceptance No. B20190057)**

Your letter ref. L-05612-19 dated 23 May 2019 and subsequent submission received by this department on 23 September 2019 refer.

It is noted that the fittings described below have been accepted by the United Kingdom Water Regulations Advisory Scheme (WRAS) to have complied with the requirements of the United Kingdom Water Supply (Water Fitting) Regulations / Scottish Water Byelaws when correctly installed. This Authority accepts that the fittings described below based on the WRAS certificate and test report ref. BC-SUMMARY-2019-16 issued on 21 September 2019 by Castco Testing Centre Limited comply with, and their use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

Name of Manufacturer: Caleffi SpA

Country of Origin: Italy

Brand: Caleffi

Details of Fittings: Range of T-type thermostatic blending valves with chromium plated brass bodies. Temperature is controlled via a thermostatic cartridge. The inlets incorporate single check valve cartridges (verified by test - suitable for

backflow protection against Fluid Category 2) and stainless-steel strainers. Maximum working pressure 10.0 bar. Maximum operating temperature 85°C.

Model and Size: 521303 – 3/4" BSP (M)
521315 – 15mm compression
521322 – 22mm compression

Body Markings: Caleffi, Date of Manufacture (Format: WW/YY) & CR on Body

WRAS Approval Number: 1812077

Installation Requirements: R001, R040

Expiry Date: 31 December 2023

In view of the acceptance by WRAS, this Authority has no objection to the use of the said fittings in fresh water plumbing systems subject to full adherence to Waterworks installation requirements. In particular, you are required to draw your customers' attention to the following installation requirements –

“Installation shall comply with the ‘Installation Requirements & Notes’ of the WRAS’s approval letter concerned.” AND

“The cold water supply to the fittings shall be drawn from the same source that supplies the hot water apparatus so as to provide a balanced pressure and to obviate the risk of scalding in the event of a restriction or failure in the water supply.”

A condition of this acceptance is that the fittings to be installed should be replicas of the samples certified by WRAS and no modification should be made to the fittings. This acceptance may be withdrawn at any time if the standard of the fittings installed fails to meet that of the approved samples or if the fittings are found to be unsuitable for use in fresh water plumbing systems.

This acceptance is only applicable to the main body of the fittings, unless otherwise specified.

For the use of the fittings in any project, the General Acceptance Number of this letter must be quoted as a means of identification of acceptance of the fittings by this Authority.

Should you have any enquiries, please contact our Engineer Mr. Terry KUNG at tel. no. 3583 4086.

Yours faithfully,

A handwritten signature in black ink, appearing to be 'Chan Chung-kun', written in a cursive style.

(CHAN Chung-kun)

for Director of Water Supplies

Encl.

c.c. WSD 3321/1/82] - without catalogue
 ME/MC] - with soft copy only



521303



521315 / 521322