水務署
Water Supplies Department

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檔號 Reference (4) in WSD 3321/17 Pt.1 T/J(1100)

8 September 2017

Approval of "ARMITAGE SHANKS" Combination Tap Assemblies

Your letters ref. L17-234 and L17-234R1 dated 15 August 2017 and 21 August 2017 respectively 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 Fittings) Regulations / Scottish Water Byelaws when correctly installed.

Name of Manufacturer: Ideal Standard Produktions - GmbH

Country of Origin: UK

Brand: Armitage Shanks

Details of Fittings: 'Sensorflow Wave' range of deck mounted, single hole, single outlet (fixed) electronically controlled tap assemblies (chromium plated brass). Flow is controlled with a solenoid valve activated via infra-red sensor and the temperature is controlled independently via single lever operating member on the side of the body (Models A6162AA & A6163AA only). The spout outlets incorporate a plastic aerator. The product is supplied with an in-line 'Y'-patterned strainer

	incorporating an isolation valve, single check valve cartridge (suitable for backflow protection against Fluid Category 2) and a plastic flow regulator for installation on the inlet(s). Maximum working pressure 10.0 bar. Maximum operating temperature 60°C.
Model:	A6160AA, A6161AA, A6162AA & A6163AA
Size:	15mm male compression
Marking:	Armitage Shanks on body
WRAS Approval Number:	1707015
Installation Requirements:	R001, R006, R009
Expiry Date:	31 July 2022

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."

"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 stop cock or gate valve must be installed at the upstream of the fittings for manual isolation of water supply." AND

"The main voltage operated sensor valve should comply with the electricity safety regulation for applications in bathroom, toilet etc."

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 other specified.

For the use of the fittings in any project, the Acceptance Reference Number at the bottom 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. 2294 2656.

Yours faithfully,

(CHAN Chung Kun)
for Water Authority

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

A6160AA

A6161AA

A6162AA

A6163AA