



水務署
Water Supplies Department

總部 Headquarters

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本署檔號 : (12) in WSD 3321/19 T/J(603/2019)
Our ref.
來函檔號 :
Your ref.

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29 April 2020

**Approval of "STERN" Sensor Tap
(General Acceptance No. B20200029)**

Your letter ref. HX/W/1589/19 dated 18 June 2019 and subsequent submissions received by this department up to 20 April 2020 refer.

It is noted that the fitting described below has 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 fitting described below based on the WRAS certificate and test report ref. 190492PC190015C issued on 9 April 2020 by Fugro Technical Services Limited complies with, and its use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

Name of Manufacturer: Y Stern Engineering (1989) Ltd

Country of Origin: Israel

Brand: Stern

Details of Fitting: 'Smart' range of basin mounted sensor tap (chromium plated brass). The flow is controlled via a solenoid valve and activated by an infra-red sensor on the front of the

spout. Maximum working pressure 8.0 bar. Maximum operating temperature 70°C.

Model: Smart B

Size: Stainless steel braided PEX lined hose assembly incorporating 3/8" BSP captive nut end connection

Body Markings: *Stem* on tap body

WRAS Approval Number: 1610700

Installation Requirements: R001, R006, R009

Expiry Date: 31 October 2021

In view of the acceptance by WRAS, this Authority has no objection to the use of the said fitting 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.”

“A stop cock or gate valve must be installed at the upstream of the fitting 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 fitting to be installed should be replicas of the sample certified by WRAS and no modification should be made to the fitting. This acceptance may be withdrawn at any time if the standard of the fitting installed fails to meet that of the approved sample or if the fitting is found to be unsuitable for use in fresh water plumbing systems.

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

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

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

Yours faithfully,



(CHAN Chung-kun)

for Director of Water Supplies

Encl.

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



Smart B