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檔 號 Reference

(4) in WSD 3321/15 Pt.1 T/J(655)

3 February 2016

The Jardine Engineering Corporation, Limited 5/F, Tower A, Manulife Financial Centre, 223-231 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong

(Attn.: Mr David KWONG)

Dear Sir,

## Approval of "AFA" Rubber Expansion Joint

Your letters ref. MF158 dated 7 December 2015 and MF161 dated 25 January 2016 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:

Jiwa Industries PTE Ltd

**Country of Origin:** 

China

**Brand:** 

AFA

**Details of Fitting:** 

Range of expansion bellows with flanged or threaded end connections. Maximum working pressure 16.0 bar. Cold water use only. (Black coloured EPDM rubber is included and under WRAS approval no. 1406503)

Model & Size:

List of joint:

| Model | Size                             |
|-------|----------------------------------|
| 99TU  | DN15, 20, 25, 32, 40, 50, 65, 80 |

| 99TF | DN20, 25, 32, 40, 50, 65, 80, 100, 125,                              |
|------|--|
|      | DN20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300, 350, 400 |
| 99SF | DN20, 25, 32, 40, 50, 65, 80, 100, 125,                              |
|      | DN20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300, 350, 400 |

Marking:

AFA-FLEX, size on body

WRAS Approval Number: 1507332

**Installation Requirements:** R001

**Expiry Date:** 

30 June 2019

In view of the acceptance by WRAS, this Authority has no objection to the use of the said fittings in fresh water supply 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 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 This acceptance may be withdrawn at any time if the standard of the fitting installed fails to meet that of the approved samples or if the fittings are found to be unsuitable for use in fresh water supply plumbing systems.

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 Ms. K L FOK at tel. no. 2829 5657.

Yours faithfully,

(LAM Ching Man) for Water Authority

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