



水務署
Water Supplies Department

總部 Headquarters

香港灣仔告士打道七號入境事務大樓 48 樓

48/F, Immigration Tower, 7 Gloucester Road, Wan Chai, Hong Kong

本署檔號 : (10) in WSD 3321/2024 T/J(143/2024)
Our ref.
來函檔號 :
Your ref.

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12 July 2024

Tachibana Engineering (HK) Ltd.
Unit C, 6/F, Reason Group Tower,
403 Castle Peak Road,
Kwai Chung, N.T.,
Hong Kong

(Attn.: Mr Raymond LAU)

Dear Sir,

**Approval of “TESS” Stainless Steel Fittings
(General Acceptance No. C20240433)**

Your letter dated 7 February 2024 and subsequent submissions received by this department up to 17 June 2024 refer.

Having considered the test report ref. BC-SUMMARY-2023-207 issued on 8 April 2024 by Castco Testing Centre Limited, this Authority accepts that the fittings described below comply with, and their use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

Name of Manufacturer: Zhejiang Franta Co Ltd

Country of Origin: the Mainland of China

Brand: TESS

Details of Fittings: Stainless steel fittings with press-fit connection ends (316L)

Description	Size
90° Elbow	15, 18, 22, 28, 35, 42, 54, 76.1, 88.9, 108 (mm)
45° Elbow	15, 18, 22, 28, 35, 42, 54, 76.1, 88.9, 108 (mm)

Description	Size
Female 90° Elbow	15x½", 18x½", 22x½", 22x¾", 28x½", 28x¾", 28x1", 35x½", 35x¾", 35x1", 35x1¼", 42x½", 42x¾", 42x1", 42x1¼", 42x1½", 54x½", 54x¾", 54x1", 54x1¼", 54x1½", 54x2", 76.1x2½", 88.9x3", 108x4" (mm x inch)
Male 90° Elbow	15x½", 18x½", 22x½", 22x¾", 28x½", 28x¾", 28x1", 35x½", 35x¾", 35x1", 35x1¼", 42x½", 42x¾", 42x1", 42x1¼", 42x1½", 54x½", 54x¾", 54x1", 54x1¼", 54x1½", 54x2" (mm x inch)
Coupler	15, 18, 22, 28, 35, 42, 54, 76.1, 88.9, 108 (mm)
Female Coupler	15x½", 22x¾", 28x1", 35x1¼", 42x1½", 54x2", 108x4" (mm x inch)
Male Coupler	15x½", 22x¾", 28x1", 35x1¼", 42x1½", 54x2", 108x4" (mm x inch)
Equal Tee	15, 18, 22, 28, 35, 42, 54, 76.1, 88.9, 108 (mm)
Reducing Tee	18x18x15, 22x22x15, 22x22x18, 28x28x15, 28x28x18, 28x28x22, 35x35x15, 35x35x18, 35x35x22, 35x35x28, 42x42x18, 42x42x22, 42x42x28, 42x42x35, 54x54x18, 54x54x22, 54x54x28, 54x54x35, 54x54x42, 76.1x76.1x18, 76.1x76.1x22, 76.1x76.1x28, 76.1x76.1x35, 76.1x76.1x42, 76.1x76.1x54, 88.9x88.9x18, 88.9x88.9x22, 88.9x88.9x28, 88.9x88.9x35, 88.9x88.9x42, 88.9x88.9x54, 88.9x88.9x76.1, 108x108x18, 108x108x22, 108x108x28, 108x108x35, 108x108x42, 108x108x54, 108x108x76.1, 108x108x88.9 (mm)
Female Tee	15x15x½", 18x18x½", 22x22x½", 22x22x¾", 28x28x½", 28x28x¾", 28x28x1", 35x35x½", 35x35x¾", 35x35x1", 35x35x1¼", 42x42x½", 42x42x¾", 42x42x1", 42x42x1¼", 42x42x1½", 54x54x½", 54x54x¾", 54x54x1", 54x54x1½", 54x54x2", 76.1x76.1x¾", 76.1x76.1x1", 76.1x76.1x2", 88.9x88.9x¾", 88.9x88.9x1", 88.9x88.9x2", 108x108x¾", 108x108x2" (mm x mm x inch)
Male Tee	15x15x½", 18x18x½", 22x22x½", 22x22x¾", 28x28x½", 28x28x¾", 28x28x1", 35x35x½", 35x35x¾", 35x35x1", 35x35x1¼", 42x42x½", 42x42x¾", 42x42x1", 42x42x1¼", 42x42x1½", 54x54x½", 54x54x¾", 54x54x1", 54x54x1¼", 54x54x1½", 54x54x2", 76.1x76.1x1¼", 108x108x¾", 108x108x1¼" (mm x mm x inch)
Reducer	18x15, 22x15, 28x15, 28x18, 28x22, 35x15, 35x18, 35x22, 35x28, 42x18, 42x22, 42x28, 42x35, 54x18, 54x22, 54x28, 54x35, 54x42, 76.1x18, 76.1x22, 76.1x28, 76.1x35, 76.1x42, 76.1x54, 88.9x18, 88.9x22, 88.9x28, 88.9x35, 88.9x42, 88.9x54, 88.9x76.1, 108x18, 108x22, 108x28, 108x35, 108x42, 108x54, 108x76.1, 108x88.9 (mm)
Female Coupler (Reducer)	18x½", 22x½", 28x½", 28x¾", 35x½", 35x¾", 35x1", 42x½", 42x¾", 42x1", 42x1¼", 54x½", 54x¾", 54x1", 54x1¼", 54x1½", 76.1x2½", 88.9x3" (mm x inch)

Description	Size
Male Coupler (Reducer)	18x½", 22x½", 28x½", 28x¾", 35x½", 35x¾", 35x1", 42x½", 42x¾", 42x1", 42x1¼", 54x½", 54x¾", 54x1", 54x1¼", 54x1½", 76.1x2½", 88.9x3" (mm x inch)

Body Markings: TESS size SS316L

Expiry Date: 4 September 2028

This Authority hereby permits the use of the above fittings in fresh water plumbing systems subject to full adherence to Waterworks installation requirements.

A condition of this acceptance is that the fittings to be installed shall be replicas of the samples as certified by the testing agent mentioned above and without modifications. 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.

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 Albert CHOW at tel. no. 3583 4086.

Yours faithfully,



(Terry KUNG)

for Director of Water Supplies

Encl.

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