



水務署
Water Supplies Department

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檔號
Reference (8) in WSD 3321/2025 T/J(972/2025)

31 December 2025

**Approval of “K.W. (KOON WAH)” Ductile Iron Fittings
(General Acceptance No. ZC20251000)**

Your letter ref. KW20250918S&FPN16&25FITWSD dated 18 September 2025 and subsequent submissions received by this department up to 2 December 2025 refer.

Having considered the test reports ref. DP-SUMMARY-2025-428 issued on 14 October 2025 and ref. 250203-2162 issued on 1 December 2025 by Castco Testing Centre Ltd. and WRAS certificate, 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: Shandong Jianhua Valve Manufacturing Co Ltd

Country of Origin: Chinese Mainland

Brand: K.W. (Koon Wah)

Details of Fittings: Ductile iron fittings with internal cement mortar lining under WRAS approval no. 240355013

Description	Size (mm)
Double Flanged 11.25° Bend PN16	80, 100, 150, 200, 250, 300
Double Flanged 22.5° Bend PN16	80, 100, 150, 200, 250, 300
Double Flanged 45° Bend PN16	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Flanged 90° Bend PN16	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Flanged 90° Large Radius Bend PN16	80, 100, 150, 200
Double Flanged 90° Duckfoot Bend PN16	100, 150, 200, 250
Double Flanged 11.25° Bend PN25	80, 100, 150, 200
Double Flanged 22.5° Bend PN25	80, 100, 150, 200
Double Flanged 45° Bend PN25	80, 100, 150, 200
Double Flanged 90° Bend PN25	80, 100, 150, 200
Double Socket 11.25° Bend	80, 100, 150, 200, 250, 300
Double Socket 22.5° Bend	80, 100, 150, 200, 250, 300
Double Socket 45° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Socket 90° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
All Flanged Tee PN16	80x80x50, 80x80x65, 80x80x80, 100x100x50, 100x100x65, 100x100x80, 100x100x100, 150x150x80, 150x150x100, 150x150x150, 200x200x80, 200x200x100, 200x200x150, 200x200x200, 250x250x80, 250x250x250, 300x300x300, 350x350x350, 400x400x400
All Flanged Tee PN25	80x80x50, 80x80x80, 100x100x80, 100x100x100, 150x150x80, 150x150x100, 150x150x150, 200x200x100, 200x200x150, 200x200x200
Double Socket Tee with Flanged Branch PN16	80x80x80, 100x100x80, 150x150x80, 200x200x80, 250x250x80
All Socket Tee	80x80x80, 100x100x80, 100x100x100, 150x150x80, 150x150x100, 150x150x150, 200x200x200, 250x250x150, 250x250x250, 300x300x300
Double Flanged Taper PN16	80x40, 80x50, 80x65, 100x50, 100x65, 100x80, 150x80, 150x100, 200x100, 200x150, 250x150, 250x200
Double Flanged Taper PN25	80x50, 80x65, 100x50, 100x65, 100x80, 150x80, 150x100, 200x100, 200x150
Double Socket Taper	100x80, 150x80, 150x100, 200x100, 200x150, 250x150, 300x250, 400x300

Body Markings:

For Double Flanged 90° Large Radius Bend:



BS EN 545 DI K12 PN16 size x angle x 300R

For Other Double Flanged Bend:



BS EN 545 DI K12 (PN) size x angle

For Double Socket Bend:



BS EN 545 DI K12 size x angle

For All Socket Tee and Double Socket Taper:



BS EN 545 DI K12 size x size

For Others:



BS EN 545 DI K12 (PN) size x size

Expiry Date:

30 December 2030

This Authority hereby permits the use of the above fittings in fresh water plumbing systems, flushing water plumbing systems and fresh water fire services 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 the water supply systems mentioned above.

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)

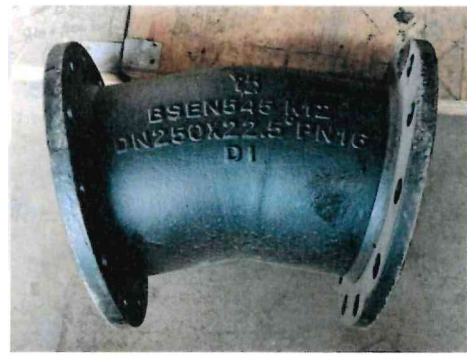
for Director of Water Supplies

Encl.

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



Double Flanged 11.25° Bend PN16



Double Flanged 22.5° Bend PN16



Double Flanged 45° Bend PN16



Double Flanged 90° Bend PN16



Double Flanged 90° Large Radius Bend PN16



Double Flanged 90° Duckfoot Bend PN16



Double Flanged 11.25° Bend PN25



Double Flanged 22.5° Bend PN25



Double Flanged 45° Bend PN25



Double Flanged 90° Bend PN25



Double Socket 11.25° Bend



Double Socket 22.5° Bend



Double Socket 45° Bend



Double Socket 90° Bend



All Flanged Tee PN16



All Flanged Tee PN25



Double Socket Tee with Flanged Branch PN16



All Socket Tee



Double Flanged Taper PN16



Double Flanged Taper PN25



Double Socket Taper