



水務署
Water Supplies Department

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檔號
Reference (2) in WSD 3321/2026 T/J(90/2026)

16 April 2026

**Approval of “PHW” Ductile Iron Fittings
(General Acceptance No. ZC20260249)**

Your E-Application [file-id: ETJ-GA-20260127-43] dated 28 January 2026 and subsequent submissions received by this department up to 27 March 2026 refer.

Having considered the test reports ref. PMA60176A issued on 27 January 2026, ref. PMA60175A issued on 27 February 2026 and ref. AGA50280A issued on 27 February 2026 by ETS-Testconsult 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: Liaoning Ever Metal Forming Tech Co Ltd

Country of Origin: Chinese Mainland

Brand: PHW

Details of Fittings: Ductile iron fittings with epoxy powder coating under WRAS approval no. 260255001

Description	Size (mm)
Double Flanged 90° Bend PN16	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Flanged 45° Bend PN16	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600



Description	Size (mm)
Double Flanged 22.5° Bend PN16	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Flanged 11.25° Bend PN16	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Flanged 90° Duckfoot Bend PN16	80, 100, 150, 200
Double Socket 90° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Socket 45° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Socket 22.5° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Socket 11.25° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Flanged Taper PN16	80x50, 80x65, 100x50, 100x65, 100x80, 150x80, 150x100, 200x80, 200x100, 200x150, 250x80, 250x100, 250x150, 250x200, 300x100, 300x150, 300x200, 300x250, 350x300, 400x150, 400x200, 400x250, 400x300, 450x250, 450x300, 450x400, 600x400, 600x450
Double Socket Taper	100x80, 150x80, 150x100, 200x80, 200x100, 200x150, 250x80, 250x100, 250x150, 250x200, 300x100, 300x150, 300x200, 300x250, 400x200, 400x300, 450x300, 450x400, 500x400, 600x450

Body Markings:

For Double Socket Bends:

PHW BS EN 545 DI K12 size x angle

For Double Flanged Taper:

PHW BS EN 545 DI K12 PN16 size x size

For Double Socket Taper:

PHW BS EN 545 DI K12 size x size

For Others:

PHW BS EN 545 DI K12 PN16 size x angle

Expiry Date:

15 April 2031

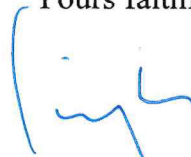
This Authority hereby permits the use of the above fittings in fresh water plumbing systems, flushing water plumbing systems and fresh water fire services systems subject to full adherence to Waterworks installation requirements.

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,

A handwritten signature in blue ink, appearing to be 'Chan Kwok Leung', written over a large blue bracket.

(CHAN Kwok Leung, Douglas)
for Director of Water Supplies

Encl.

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



Double Flanged 90°
Bend PN16



Double Flanged 45°
Bend PN16



Double Flanged 22.5°
Bend PN16



Double Flanged 11.25°
Bend PN16



Double Flanged 90°
Duckfoot Bend PN16



Double Socket 90°
Bend



Double Socket 45°
Bend



Double Socket 22.5°
Bend



Double Socket 11.25°
Bend



Double Flanged Taper
PN16



Double Socket Taper