



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 : (4) in WSD 3321/2021 T/J(1086/2021)
Our ref.
來函檔號 :
Your ref.

電話 :
Tel.
傳真 : 2824 0578
Fax.

24 August 2021

**Approval of "PHW" Ductile Iron Fittings
(General Acceptance No. C20210945)**

Your letters ref. WSDGA/PHWFBEDIF/210713 and WSDGA/PHWFBEDIF/210730 dated 13 July 2021 and 30 July 2021 respectively refer.

Having considered the test reports ref. PMA12960, PMA12961 and PMA12962 all issued on 23 June 2021 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: the Mainland of China

Brand: PHW

Details of Fittings: Ductile iron fittings with internal epoxy powder coating under WRAS approval no. 2101533

Description	Size (mm)
Double Socket 90° Bend	80, 100, 150, 200, 250, 300, 400, 450
Double Socket 45° Bend	80, 100, 150, 200, 250, 300
Double Socket 22.5° Bend	80, 100, 150, 200, 250, 300

Description	Size (mm)
Double Socket 11.25° Bend	80, 100, 150, 200, 250, 300
Double Flanged 90° Bend	80, 100, 150, 200, 250, 300, 400, 450
Double Flanged 45° Bend	80, 100, 150, 200, 250, 300
Double Flanged 22.5° Bend	80, 100, 150, 200, 250, 300
Double Flanged 11.25° Bend	80, 100, 150, 200, 250, 300
Double Flanged 90° Duckfoot Bend	150
Double Socket Tee with Flanged Branch	80x80x80, 100x100x50, 100x100x100, 150x150x50, 150x150x100, 150x150x150, 200x200x200, 250x250x200, 250x250x250, 300x300x150, 300x300x250, 300x300x300
All Flanged Tee	80x80x80, 100x100x80, 100x100x100, 150x150x50, 150x150x100, 150x150x150, 200x200x80, 200x200x100, 200x200x150, 200x200x200, 250x250x150, 250x250x250, 300x300x100, 300x300x150, 300x300x300
Double Socket Taper	150x100
Double Flanged Taper	80x50, 80x65, 100x50, 100x65, 100x80, 150x100, 200x150, 250x200, 300x250

Body Markings:

For Double Socket Bends:

PHW BS EN 545 DI K12 size x angle

For Double Flanged Bends:

PHW BS EN 545 DI K12 PN16 size x angle

For Tees:

PHW BS EN 545 DI K14 PN16 size x size

For Double Socket Tapers:

PHW BS EN 545 DI K12 size x size

For Double Flanged Tapers:

PHW BS EN 545 DI K12 PN16 size x size

Expiry Date:

31 January 2026

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 fail 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. Terry KUNG at tel. no. 3583 4086.

Yours faithfully,



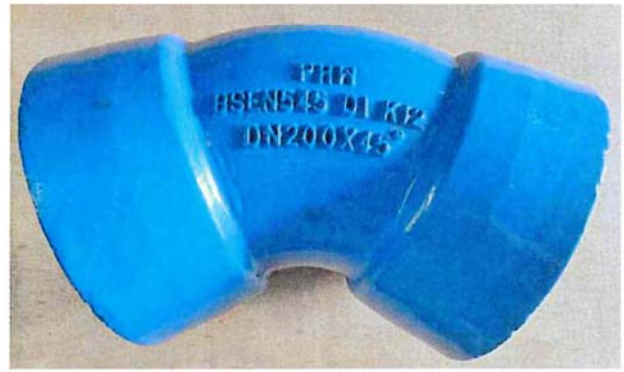
(Roger WONG)
for Director of Water Supplies

Encl.

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



Double Socket 90° Bend



Double Socket 45° Bend



Double Socket 22.5° Bend



Double Socket 11.25° Bend



Double Flanged 90° Bend



Double Flanged 45° Bend



Double Flanged 22.5° Bend



Double Flanged 11.25° Bend



Double Flanged 90° Duckfoot Bend



Double Socket tee with flanged branch



All flanged tee



Double socket taper



Double flanged taper