



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 : ( 8 ) in WSD 3321/2022 T/J(1321/2022)  
Our ref.  
來函檔號 :  
Your ref.

電話 :  
Tel.  
傳真 : 2824 0578  
Fax.

9 February 2023

**Approval of “DECO” Ductile Iron Fittings  
(General Acceptance No. C20230060)**

Your letter ref. SL20221118-1 dated 18 November 2022 and subsequent submissions received by this department up to 1 February 2023 refer.

Having considered the test report ref. BC-SUMMARY-2022-127 issued on 3 November 2022 by Castco Testing Centre Limited 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:** Deco

**Details of Fittings:** Ductile iron fittings with internal cement mortar lining under WRAS approval no. 1906558

| Description                            | Size (mm)                                                                                                                                                                                                                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Double Flanged 90° Bend                | 80, 100, 150, 200, 250, 300, 350, 400, 450                                                                                                                                                                                                                                                 |
| Double Flanged 45° Bend                | 80, 100, 150, 200, 250, 300, 350, 400, 450                                                                                                                                                                                                                                                 |
| Double Flanged 22.5° Bend              | 80, 100, 150, 200, 250, 300                                                                                                                                                                                                                                                                |
| Double Flanged 11.25° Bend             | 80, 100, 150, 200, 250, 300                                                                                                                                                                                                                                                                |
| Double Flanged Long Radius 90° Bend    | 80, 100, 150, 200, 250, 300                                                                                                                                                                                                                                                                |
| Double Flanged Duckfoot 90° Bend       | 80, 100, 150, 200, 250                                                                                                                                                                                                                                                                     |
| Double Socket 90° Bend                 | 80, 100, 150, 200, 250, 300                                                                                                                                                                                                                                                                |
| Double Socket 45° Bend                 | 80, 100, 150, 200, 250, 300                                                                                                                                                                                                                                                                |
| Double Socket 22.5° Bend               | 80, 100, 150, 200, 250, 300                                                                                                                                                                                                                                                                |
| Double Socket 11.25° Bend              | 80, 100, 150, 200, 250, 300                                                                                                                                                                                                                                                                |
| All Flanged Tee                        | 80x80x50, 80x80x65, 80x80x80, 100x100x50, 100x100x80, 100x100x100, 150x150x80, 150x150x100, 150x150x150, 200x200x80, 200x200x100, 200x200x150, 200x200x200, 250x250x80, 250x250x100, 250x250x150, 250x250x200, 250x250x250, 300x300x80, 300x300x100, 300x300x150, 300x300x200, 300x300x300 |
| All Flanged 45° Angle Tee              | 80x80x80, 100x100x100, 150x150x150, 200x200x200, 250x250x250, 300x300x300                                                                                                                                                                                                                  |
| All Socket Tee                         | 80x80x80, 100x100x80, 100x100x100, 150x150x80, 150x150x100, 150x150x150, 200x200x80, 200x200x100, 200x200x150, 200x200x200, 250x250x100, 250x250x150, 250x250x200, 250x250x250, 300x300x100, 300x300x150, 300x300x200, 300x300x300                                                         |
| Double Socket Tee with Flanged Branch  | 80x80x80, 100x100x80, 100x100x100, 150x150x80, 150x150x100, 150x150x150, 200x200x80, 200x200x100, 200x200x150, 200x200x200, 250x250x250                                                                                                                                                    |
| Double Flanged Taper (Concentric Type) | 100x80, 150x80, 150x100, 200x100, 200x150, 250x150, 250x200, 300x150, 300x200, 300x250                                                                                                                                                                                                     |
| Double Flanged Taper (Flat Type)       | 100x80, 150x80, 150x100, 200x100, 200x150, 250x150, 250x200, 300x150, 300x200, 300x250                                                                                                                                                                                                     |
| Double Socket Taper                    | 100x80, 150x80, 150x100, 200x100, 200x150, 250x150, 250x200, 300x150, 300x200, 300x250                                                                                                                                                                                                     |

**Body Markings:**

For Double Flanged Bend:

DECO (Production Code) BS EN 545

DI K12 size x angle PN16

For Double Socket Bend:

DECO (Production Code) BS EN 545

DI K12 size x angle

For All Flanged 45° Angle Tee:

DECO (Production Code) BS EN 545

DI K14 size x 45° PN16

For All Socket Tee:

DECO (Production Code) BS EN 545

DI K14 size x size

For Double Flanged Taper:

DECO (Production Code) BS EN 545

DI K12 size x size PN16

For Double Socket Taper:

DECO (Production Code) BS EN 545

DI K12 size x size

For Others:

DECO (Production Code) BS EN 545

DI K14 size x size PN16

**Expiry Date:** 30 June 2024

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 Ms Winnie LO at tel. no. 3583 4086.

Yours faithfully,



(YAU Hau Yin)  
for Director of Water Supplies

Encl.

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



**Double Flanged 90° Bend**



**Double Flanged 45° Bend**



**Double Flanged 22.5° Bend**



**Double Flanged 11.25° Bend**



**Double Flanged Long Radius 90° Bend**



**Double Flanged Duckfoot 90° Bend**



**Double Socket 90° Bend**



**Double Socket 45° Bend**



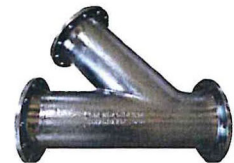
**Double Socket 22.5° Bend**



**Double Socket 11.25° Bend**



**All Flanged Tee**



**All Flanged 45° Angle Tee**



**All Socket Tee**



**Double Socket Tee with Flanged Branch**



**Double Flanged Taper (Concentric Type)**



**Double Flanged Taper (Flat Type)**



**Double Socket Taper**