



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(976/2021)
Our ref.
來函檔號 :
Your ref.

電話 :
Tel.
傳真 : 2824 0578
Fax.

1 November 2021

**Approval of “ELECTROSTEEL” Ductile Iron Fittings
(General Acceptance No. A20210016)**

Your letters dated 21 June 2021 and 31 August 2021 refer.

The licence no. KM 39560 has been examined. It is noted that the British Standards Institution (BSI) has granted Electrosteel Castings Limited the right and licence to use the Kitemark for goods as set out below. This Authority accepts that the fittings described below based on Kitemark certificate and WRAS certificate comply with, and their use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

Name of Manufacturer: Electrosteel Castings Limited

Country of Origin: India

Brand: Electrosteel

Details of Fittings: Ductile iron fittings with epoxy powder coating under WRAS approval no. 2103521

Description	Size (mm)
Double Socket 11°15' Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Socket 22°30' Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600

Description	Size (mm)
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
Double Flange 11°15' Bend	80, 100, 150, 200, 250, 300, 350, 400
Double Flange 22°30' Bend	80, 100, 150, 200, 250, 300, 350, 400
Double Flange 45° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Flange 90° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
All Socket Tee	80x80x80, 100x100x80, 100x100x100, 150x150x100, 150x150x150, 200x200x80, 200x200x100, 200x200x150, 200x200x200, 250x250x80, 250x250x100, 250x250x150, 250x250x200, 250x250x250, 300x300x100, 300x300x150, 300x300x200, 300x300x250, 300x300x300
All Flanged Tee	80x80x80, 100x100x80, 100x100x100, 150x150x100, 150x150x150, 200x200x80, 200x200x100, 200x200x150, 200x200x200, 250x250x80, 250x250x100, 250x250x150, 250x250x200, 250x250x250, 300x300x80, 300x300x100, 300x300x150, 300x300x200, 300x300x250, 300x300x300, 350x350x80, 350x350x100, 350x350x150, 350x350x200, 350x350x250, 350x350x300, 350x350x350, 400x400x80, 400x400x100, 400x400x150, 400x400x200, 400x400x250, 400x400x300, 400x400x400, 450x450x100, 450x450x150, 450x450x200, 450x450x250, 450x450x300, 450x450x350, 450x450x400, 450x450x450, 500x500x100, 500x500x150, 500x500x200, 500x500x250, 500x500x300, 500x500x350, 500x500x400, 500x500x500, 600x600x100, 600x600x150, 600x600x200, 600x600x250, 600x600x300, 600x600x350, 600x600x400, 600x600x450, 600x600x500, 600x600x600
Double Socket Taper	100x80, 150x80, 150x100, 200x100, 200x150, 250x150, 250x200, 300x150, 300x200, 300x250, 350x200, 350x250, 350x300, 400x250, 400x300, 400x350, 450x350, 450x400, 500x350, 500x400, 600x400, 600x500
Double Flange Taper	100x80, 150x80, 150x100, 200x80, 200x100, 200x150, 250x80, 250x100, 250x150, 250x200, 300x80, 300x100, 300x150, 300x200, 300x250, 350x80, 350x100, 350x150, 350x200, 350x250, 350x300, 400x100, 400x150, 400x200, 400x250, 400x300, 400x350, 450x150, 450x200, 450x250, 450x300, 450x350, 450x400, 500x200, 500x250, 500x300, 500x350, 500x400, 600x300, 600x350, 600x400, 600x500

Description	Size (mm)
Double Socket Tee with Flanged Branch	80x80x80, 100x100x80, 100x100x100, 150x150x80, 150x150x100, 150x150x150, 200x200x80, 200x200x100, 200x200x150, 200x200x200, 250x250x80, 250x250x100, 250x250x150, 250x250x200, 250x250x250, 300x300x100, 300x300x200, 300x300x250, 300x300x300, 350x350x100, 350x350x200, 350x350x350, 400x400x80, 400x400x100, 400x400x150, 400x400x200, 400x400x300, 400x400x400, 450x450x100, 450x450x250, 450x450x450, 500x500x100, 500x500x400, 500x500x500, 600x600x200, 600x600x400, 600x600x600
Double Flange Duck-Foot 90° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600

Body Markings:

BSEN545 size in DN PN rating 

Expiry Date:

31 October 2024

In view of BSI granting licence to Electrosteel Castings Limited on BS EN 545 "Ductile iron pipes, fittings, accessories and their joints for water pipelines" as mentioned above, approval is hereby given to the said water supply fittings to be used on fresh water plumbing systems, flushing water plumbing systems and fresh water fire services systems subject to full adherence to Waterworks installation requirements.

This Authority reserves the right to withdraw the approval given to the use of the water supply fittings if they are found afterwards not suitable for use in the water supply systems mentioned above in terms of quality or unacceptability of material.

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,



(Roger WONG)
for Director of Water Supplies

Encl.

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



Double Socket 11 ° 15' Bend



Double Socket 22° 30' Bend



Double Socket 45° Bend



Double Socket 90° Bend



Double Flanged 11 ° 15' Bend



Double Flanged 22° 30' Bend



Double Flanged 45° Bend



Double Flanged 90° Bend



All Socket Tee



All Flanged Tee



Double Socket Taper



Double Flanged Taper



Double Socket Tee with Flanged



Double Flanged Duckfoot 90° Bend