

## Kitemark™ Certificate

This is to certify that:

Electrosteel Castings Limited  
Srikalahasthi  
Chittoor District  
Andhra Pradesh  
517641  
India

Holds Certificate Number:

KM 766608

In respect of:

**BS EN 545**

**Ductile iron pipes, fittings, accessories and their joints for water pipelines**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.



For and on behalf of BSI:

Frank Lee, Product Certification Technical and Compliance Director

First Issued: 2022-05-24

Latest Issue: 2022-05-24

Effective Date: 2022-05-24

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# Kitemark™ Certificate

No. KM 766608

**BS EN 545: 2010 - Ductile iron pipes, fittings, accessories and their joints for water pipelines**

<b>Product:</b>	<b>Pipes</b>  <b>Material:</b> Ductile iron  <b>Installation/use:</b> Above or below  <b>External coating:</b> Zinc layer followed by: * <sup>1</sup> Black Bitumen  <b>Internal lining:</b> * <sup>2</sup> Cement  <b>Branded:</b> ELECTROSTEEL											
Description	Nominal Size, DN/OD (mm)	Length (m)	Pressure rating									
			PN10	PN16	K9* <sup>3</sup>	C20	C25	C30	C40	C50	C64	C100
Pipes with push-in flexible joints	DN 100 – DN 150	5.5	–	–	✓	–	–	–	✓	–	–	–
Pipes with push-in flexible joints	DN 200 – DN 300	5.5, 6.0	–	–	✓	–	–	–	✓	–	–	–
Pipes with push-in flexible joints	DN 350 – DN 600	5.5, 6.0	–	–	✓	–	–	✓	–	–	–	–
Pipes with push-in flexible joints	DN 700 – DN 1000	5.5, 6.0	–	–	✓	–	✓	–	–	–	–	–
Pipes with welded-on flanges	DN 100 – DN 400	≤5.0	✓	✓	–	–	–	–	–	–	–	–
Pipes with welded-on flanges	DN 450 – DN 1000	≤5.5	✓	✓	–	–	–	–	–	–	–	–
Notes:      General note:	* <sup>1</sup> External coatings in accordance with BS EN 545:2010 (clause 4.5.2) and holding WRAS material approval. * <sup>2</sup> Internal cement linings in accordance with BS EN 545:2010 (clause 4.5.3 and BS EN 197-1) and holding WRAS material approval. * <sup>3</sup> Denotes class K9 as per BS EN 545:2006. Only products denoted by a '✓' are covered for the specific pressure rating stated. It should also be noted that the relevant C class (as per BS EN 545:2010) has been achieved on the wall thicknesses (including permitted deviations) as specified for K9 pipe within BS EN 545:2006.											

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This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.  
 To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
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