

BUREAU VERITAS
Certification



Certificate of Conformity

Awarded to:

ELECTROSTEEL CASTINGS LIMITED

HEAD OFFICE:

G.K. TOWER – 19, Camac Street, Kolkata, West Bengal – 700017 INDIA

PRODUCTION PLANTS:

Electrosteel Castings Limited
30, 48, 49 B.T. Road, Khardah,
PO – Sukchar, Dist. 24 Parganas (N)
City – Kolkata, West Bengal
700115 INDIA

Electrosteel Castings Limited
Bansberia Adceconagar,
Mogra Hoogly, West Bengal
712121 INDIA

Electrosteel Castings Limited
Kashberia, P.O.
Shibram Nagar Haldia
Dist. Purba Midnapore, West Bengal
721635 INDIA

Bureau Veritas Italia S.p.A. certify that the following products:

Ductile iron pipes and fittings for water pipelines DN 80 to DN 1000 PUSH ON, DN 80 to DN 1000 RJT DN80-DN1000 Electrolock			Ductile iron pipes and fittings for sewerage pipelines DN 80 to DN 1000 PUSH ON, DN 80 to DN 1000 RJT DN80-DN1000 Electrolock		
PLANT	ACTIVITY (pipes)	ACTIVITY (fittings)	PLANT	ACTIVITY (pipes)	ACTIVITY (fittings)
Kharchah 30 B.T. Road	Casting, Testing, Finishing	Casting, Testing	Kharchah 30 B.T. Road	Casting, Testing, Finishing	Casting, Testing
Kharchah 48 B.T. Road	Finishing	//	Kharchah 48 B.T. Road	Finishing	//
Kharchah 49 B.T. Road	//	Testing, Finishing	Kharchah 49 B.T. Road	//	Testing, Finishing
Bansberia	Finishing	//	Bansberia	Finishing	//

DN 80 to DN 300, DN 700 to DN 1000+DN1200 PUSH ON DN 80 to DN 300 RJT, DN 700 to DN 1000+DN1200 RJT DN80 to DN 300 and DN 700 to DN1000 Electrolock			DN 80 to DN 300, DN 700 to DN 1000+DN1200 PUSH ON DN 80 to DN 300 RJT, DN 700 to DN 1000+DN1200 RJT DN80 to DN 300 and DN 700 to DN1000 Electrolock		
PLANT	Activity (pipes)	Activity (fittings)	PLANT	Activity (pipes)	Activity (fittings)
Kashberia	//	Casting, Testing, Finishing	Kashberia	//	Casting, Testing, Finishing

have been evaluated and found in conformity against the requirements of the following standard:

EN 545:2010
ISO2531:2009
Ductile iron pipes, fittings, accessories
and their joints
for water application

EN 598:2007+A1:2009
ISO 7186:2011
Ductile iron pipes, fittings, accessories
and their joints
for sewerage application

Certification according requirements stated in:

RG-01-03 ACCREDIA Rev.01
QHSE-REG-02.TQR Bureau Veritas Rev.03
IND-REP-48-CP Bureau Veritas Rev.00

This certificate has not to be intended as related to Notify Body activity according to
UE Construction Products Regulation CPR 305/2011 neither can be used for the CE marking

Original emission date: 02/08/2019
Last emission date: 26/07/2022
Expiration date: 31/07/2025

Subject to the continued satisfactory operation, to check this certificate validity please refer to website: www.bureauveritas.it.
Further clarifications regarding the scope of this certificate and the applicability of standard's requirements may be obtained
by consulting the organisation

Firmato digitalmente
da

Fabio Pes

SerialNumber =
TINIT-PSEFBA77S15F205E

Scheme Technical Manager

Certificate N° **1132/001 Rev.2**

Bureau Veritas Italia S.p.A. – Viale Monza, 347 – 20126 Milan - ITALY



PRD N° 009B

Member degli Accordi di Mutual Riconoscimento EA, UK e ILAC
Signatary of EA, UK and ILAC Mutual Recognition Agreements

BUREAU VERITAS
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ELECTROSTEEL CASTINGS LIMITED

HEAD OFFICE:

G.K. TOWER – 19, Camac Street, Kolkata, West Bengal – 700017 INDIA

Bureau Veritas Italia S.p.A. certify that the process of application of coatings for the following products:

Ductile iron pipes and fittings for water and sewerage pipelines

Applied in the following plants:

Electrosteel Castings Limited – 30, 48, 49 B.T. Road, Khardah, PO – Sukchar, Dist. 24 Parganas (N)
City – Kolkata, West Bengal 700115 INDIA

Electrosteel Castings Limited – Bansberia Adconagar, Mogra Hoogly
West Bengal 712121 INDIA

Electrosteel Castings Limited – Kashberia, P.O. Shibram Nagar Haldia, Dist. Purba Midnapore
West Bengal 721635 INDIA

have been evaluated and found in conformity against the requirement listed in
Annexes of this certificate

Certification according requirements stated in:

RG-01-03 ACCREDIA Rev.01
QHSE-REG-02.TQR Bureau Veritas Rev.03
IND-REP-48-CP Bureau Veritas Rev.00

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Fabio Pes

SerialNumber =
TINIT-PSEFBA77S15F205E

Scheme Technical Manager

Certificate N°: **1133/001 Rev.2**



PRD N° 009B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC mutual Recognition Agreements

BUREAU VERITAS
Certification



Annex 1/2 to
Certificate of Conformity

Awarded to:

ELECTROSTEEL CASTINGS LIMITED

HEAD OFFICE:

G.K. TOWER – 19, Camac Street, Kolkata, West Bengal – 700017 INDIA

Regarding the specific activities carried out in the plant as reported in the tables below *:

PLANT: Khardah, 30 B.T. Road	ACTIVITY (pipes): Casting – Testing - Finishing	DN: DN 80 to DN 1000 PUSH ON DN 80 to DN 1000 RJT DN80-DN1000 Electrolock
EN 545:2006 4.4.2/EN 598:2007+A1:2009 4.4.2 EN 545:2010 4.5.2/EN 598:2007+A1:2009 4.4.2 ISO 8179-1:2017 <i>Ductile iron pipes, fittings, accessories and their joints</i> <i>External zinc-based coating Metallic zinc with finishing layer</i>		
EN 545:2006 Annex D.2.3 EN 545:2010 Annex D.2.2 EN 598:2007+A1:2009 Annex B.2.2 <i>External coating Zn-Al alloy 85/15 (400 gr/m²) with finishing layer</i>		
EN 545:2006 4.4.3/ EN 598:2007+A1:2009 4.4.3 EN 545:2010 4.5.3/ EN 598:2007+A1:2009 4.4.3 ISO 4179:2005 <i>Ductile iron pipes and fittings for pressure and non-pressure pipelines. Cement mortar lining</i>		
ISO 16132:2016 <i>Ductile iron pipes and fittings - Seal coats for cement mortar linings</i>		
PLANT: Khardah, 48 B.T. Road	ACTIVITY: (pipes) Finishing	DN: DN 80 to DN 1000 PUSH ON DN 80 to DN 1000 RJT DN80-DN1000 Electrolock
External coating : <i>blue or red epoxy, black bitumen</i> EN 545:2006 4.4.2/ ISO 2531:1998 4.4.1 Including annex A EN 545:2010 4.5.2/ ISO 2531:1998 4.4.1 Including annex A EN 598:2007+A1:2009 4.4.2 ISO 7186:2011 4.5.2 Including Annex A <i>Finishing layer (external coating)</i>		
PLANT: Bansberia	ACTIVITY (pipes): Finishing	DN: DN 80 to DN 1000 PUSH ON DN 80 to DN 1000 RJT DN80-DN1000 Electrolock
External coating : <i>blue or red epoxy, black bitumen</i> EN 545:2006 4.4.2/ ISO 2531:1998 4.4.1 Including annex A EN 545:2010 4.5.2/ ISO 2531:1998 4.4.1 Including annex A EN 598:2007+A1:2009 4.4.2 ISO 7186:2011 4.5.2 Including Annex A <i>Finishing layer (external coating)</i>		
ISO 16132:2016 <i>Ductile iron pipes and fittings - Seal coats for cement mortar linings</i>		

*Manufacturer has in charge responsibility to specify the provenance of the product and the plant that applied the coating

Date: 26/07/2022

Certificate N°: 1133/001 Rev.2

Bureau Veritas Italia S.p.A. – Viale Monza, 347 – 20126 Milan – ITALY

BUREAU VERITAS
Certification



Annex 2/2 to
Certificate of Conformity

Awarded to:

ELECTROSTEEL CASTING LIMITED

HEAD OFFICE:

G.K. TOWER – 19, Camac Street, Kolkata, West Bengal – 700017 INDIA

Regarding the specific activities carried out in the plant as reported in the tables below *:

PLANT: Khardah, 49 B.T. Road	ACTIVITY (fittings): Testing - Finishing	DN: DN 80 to DN 1000 PUSH ON DN 80 to DN 1000 RJT DN80-DN1000 Electrolock
EN 545:2006 4.4.2, 4.5/EN 598:2007+A1:2009 4.4.2, 4.5 EN 545:2010 4.5.2, 4.6/EN 598:2007+A1:2009 4.4.2, 4.5 ISO 8179-2:2017 <i>Ductile iron pipes, fittings, accessories and their joints</i> <i>External zinc-based coating – Part 2 : Zinc-rich paint</i>		
EN 545:2006 4.4.3, 4.5/ EN 598:2007+A1:2009 4.4.3, 4.5 EN 545:2010 4.5.3, 4.6/ EN 598:2007+A1:2009 4.4.3, 4.5 ISO 4179:2005 <i>Ductile iron pipes and fittings for pressure and non-pressure pipelines. Cement mortar lining</i>		
EN 14901:2014 <i>Ductile iron pipes, fittings and accessories</i> <i>Epoxy coating (heavy duty) of ductile iron fittings and accessories - Requirements and test methods</i>		
External coating : <i>blue or red epoxy, black bitumen</i> EN 545:2006 4.4.2, 4.5/ ISO 2531:1998 4.4.1 Including annex A EN 545:2010 4.5.2, 4.6/ ISO 2531:1998 4.4.1 Including annex A EN 598:2007+A1:2009 4.4.2, 4.5 ISO 7186:2011 4.5.2 Including Annex A <i>Finishing layer (external coating)</i>		
PLANT: Kashberia	ACTIVITY (fittings): Casting - Testing - Finishing	DN: DN 80 to DN 300 PUSH ON DN 700 to DN 1000+DN 1200 PUSH ON DN 80 to DN 300 RJT DN 700 to DN 1000+DN 1200 RJ DN 80 to DN 300 and DN 700 to DN1000 Electrolock
EN 545:2006 4.4.2, 4.5/EN 598:2007+A1:2009 4.4.2, 4.5 EN 545:2010 4.5.2, 4.6/EN 598:2007+A1:2009 4.4.2, 4.5 ISO 8179-2:2017 <i>Ductile iron pipes, fittings, accessories and their joints</i> <i>External zinc-based coating – Part 2 : Zinc-rich paint</i>		
EN 545:2006 4.4.3, 4.5/ EN 598:2007+A1:2009 4.4.3, 4.5 EN 545:2010 4.5.3, 4.6/ EN 598:2007+A1:2009 4.4.3, 4.5 ISO 4179:2005 <i>Ductile iron pipes and fittings for pressure and non-pressure pipelines. Cement mortar lining</i>		
EN 14901:2014 <i>Ductile iron pipes, fittings and accessories</i> <i>Epoxy coating (heavy duty) of ductile iron fittings and accessories - Requirements and test methods</i>		
External coating : <i>blue or red epoxy, black bitumen</i> EN 545:2006 4.4.2, 4.5/ ISO 2531:1998 4.4.1 Including annex A EN 545:2010 4.5.2, 4.6/ ISO 2531:1998 4.4.1 Including annex A EN 598:2007+A1:2009 4.4.2, 4.5 ISO 7186:2011 4.5.2 Including Annex A <i>Finishing layer (external coating)</i>		

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Date: 26/07/2022

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