



Certificate of Conformity

Awarded to:

RASHMI METALIKS LIMITED

HEAD OFFICE:

Premata Building, 39, Shakespeare Sarani, Kolkata, West Bengal, PIN – 700017 INDIA

PRODUCTION PLANT:

Gokulpur, P.O. Shyamraipur, Kharagpur, West Medinipur, West Bengal – 721304 INDIA

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

Ductile iron pipes for water and sewerage applications

from DN 80 to DN 1200 Push-On

from DN 40 to DN 600 Restrained Flexible Joint

from DN 80 to DN 1000 Flanged Joint

(welding flanged operation is carried out at Gopinathpur, Mauza Changua plant)

Commercial Brand

RASHMI AQUA

Designed and produced by Rashmi Metaliks Limited
have been evaluated and found in conformity against the requirement listed in
Annex 1/1 of this certificate:

Certification according requirements stated in:

**QHSE-REG-02.TQR Bureau Veritas
IND-REP-48-CP Bureau Veritas**

Original Emission Date: 07/11/2017
Last Emission Date: 31/08/2023
Expiration Date: 17/04/2025

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

2023-08-31 18:28:39 +0200

Scheme Technical Manager

Date: 31/08/2023

Certificate N°: **1053/001 Rev.4**



PRD N° 009B

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



Annex 1/1 to
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Bureau Veritas Italia S.p.A. certify that the process of application of coatings have been evaluated and found in conformity against the requirements of the following:

Ductile Iron Pipes for water application
ISO 4179:2005 <i>Ductile iron pipes and fittings for pressure and non pressure pipelines Cement mortar lining</i>
ISO 8179-1:2017 <i>Ductile iron pipes - External zinc-based coating Part 1: Metallic zinc with finishing layer (130-200 g/m²)</i>
ISO 8179-2:2017 <i>Ductile iron pipes - External zinc coating Part 2: Zinc rich paint with finishing layer</i>
ISO 16132:2016 <i>Ductile iron pipes and fittings – Seal coats for cement mortar lining</i>
EN 545:2006 Annex D.2.3 <i>External Coating - Zn-Al alloy 85/15 (400 g/m²) with finishing layer</i>
EN 545:2010 Annex D.2.2 <i>External Coating - Zn-Al alloy (400 g/m²) with finishing layer</i>
EN 14901-1:2014+A1:2019 <i>Ductile iron pipes, fittings and accessories Requirements and test methods for organic coatings of ductile iron fittings and accessories - Part 1: Epoxy coating (heavy duty)</i>
External coating of Black Bitumen, Red or Blue Epoxy <i>EN 545:2006 4.4.2 / EN 545:2010 4.5.2 – Including Annex D ISO 2531:1998 4.4.1/ ISO 2531:2009 4.4.1 – Including Annex A</i>

Ductile Iron Pipes for sewerage application
ISO 4179:2005 <i>Ductile iron pipes and fittings for pressure and non pressure pipelines Cement mortar lining</i>
ISO 8179-1:2017 <i>Ductile iron pipes - External zinc-based coating Part 1: Metallic zinc with finishing layer (130-200 g/m²)</i>
ISO 8179-2:2017 <i>Ductile iron pipes - External zinc coating Part 2: Zinc rich paint with finishing layer</i>
ISO 16132:2016 <i>Ductile iron pipes and fittings – Seal coats for cement mortar lining</i>
EN 14901-1:2014+A1:2019 <i>Ductile iron pipes, fittings and accessories Requirements and test methods for organic coatings of ductile iron fittings and accessories - Part 1: Epoxy coating (heavy duty)</i>
External coating of Black Bitumen or Red Epoxy <i>EN 598:2007+A1:2009 4.4.2 - Including Annex B ISO 7186:2011 4.5.2 - Including Annex A</i>

Date: 31/08/2023

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