



CERT

DVGW type examination certificate

DVGW-Baumusterprüfzertifikat

DW-7801BP0330

Registration Number
Registriernummer

Field of Application <i>Anwendungsbereich</i>	products of water supply <i>Produkte der Wasserversorgung</i>
Owner of Certificate <i>Zertifikatinhaber</i>	Electrosteel Castings Limited G K Tower, 19 Camac Street, IND-700017 Calcutta
Distributor <i>Vertreiber</i>	Electrosteel Castings Limited G K Tower, 19 Camac Street, IND-700017 Calcutta
Product Category <i>Produktart</i>	cast iron and steel pipes for water pipelines: Ductile iron pipes (7801)
Product Description <i>Produktbezeichnung</i>	ductile iron pipes for the drinking water supply
Model <i>Modell</i>	Gusseisenrohr "ELECTROSTEEL / ELECTROFRESH"
Test Reports <i>Prüfberichte</i>	laboratory control test: 11-7415-17-01 from 30.03.2017 (MPG) supplement test: 11-7415-15-02 from 03.06.2015 (MPG) mechanical test: 11741511 from 12.02.2012 (MPG) UBA-Guideline: K-245519-14-Ko from 07.07.2014 (WHY) hygienic testing: W-247649e-14-SI from 29.08.2014 (WHY)
Test Basis <i>Prüfgrundlagen</i>	DVGW GW 337-P (01.09.2010) DIN EN 545 (01.09.2011) DVGW W 347 (01.04.2006) DVGW W 348 (01.09.2004) UBA BESCH-LL (16.03.2016) DVGW W 270 (01.11.2007)
Date of Expiry / File No. <i>Ablaufdatum / Aktenzeichen</i>	27.06.2023 / 18-0219-WNV

20.07.2018 GI A-1/2

Date, Issued by, Sheet, Head of Certification Body
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle

DVGW CERT GmbH is an accredited body by DAkkS according to DIN EN ISO/IEC 17065:2013 for certification of products for energy and water supply industry.

DVGW CERT GmbH ist von der DAkkS nach DIN EN ISO/IEC 17065:2013 akkreditierte Stelle für die Zertifizierung von Produkten der Energie- und Wasserversorgung.



DAkkS

Deutsche
Akkreditierungsstelle
D-ZE-16028-01-05

DVGW CERT GmbH
Zertifizierungsstelle

Josef-Wirmer-Str. 1-3
53123 Bonn

Tel. +49 228 91 88 - 888
Fax +49 228 91 88 - 993

www.dvgw-cert.com
info@dvgw-cert.com

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
Gusseisenrohr "ELECTROSTEEL / ELECTROFRESH"	manufacturing group: DN 80 up to DN 1100	

Type Variation <i>Ausführungsvariante</i>	Explanations <i>Erläuterungen</i>
TYT	push-on-joint, DN 80 - DN 1100
ELECTROLOCK	push-on-joint restrained, DN 80 - DN 700
RJT / VE	push-on-joint restrained, DN 80 - DN 1100
VI PLUS	push-on-joint restrained, DN 80 - DN 600
FIXED FLANGE	Weld on Flange (FL), PN 10, PN 16, PN 25: DN 80 - DN 1100; PN 40: DN 80 - DN 600

Hints of Utilization / Remarks *Verwendungshinweise / Bemerkungen*

Pressure classes:

DN 80 - DN 300 pressure class: C40, C50, C64, C100

DN 350 - DN 600 pressure class: C30, C40, C50, C64, C100

DN 700 - DN 800 pressure class: C25, C30, C40, C50, C64

DN 900 - DN 1000 pressure class: C25, C30, C40, C50

DN 1100 pressure class: C20, C25, C30, C40, C50

lining: cement mortar according to DIN EN 545

coatings: zinc coating with overlay according to DIN EN 545; zinc-aluminum alloy with overlay according to DIN EN 545

polyurethane coating according to DIN EN 15189



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DVGW-Baumusterprüfzertifikat

DW-7705BP0329

Registration Number
Registriernummer

Field of Application <i>Anwendungsbereich</i>	products of water supply <i>Produkte der Wasserversorgung</i>
Owner of Certificate <i>Zertifikatinhaber</i>	Electrosteel Castings Limited G K Tower, 19 Camac Street, IND-700017 Calcutta
Distributor <i>Vertreiber</i>	Electrosteel Castings Limited G K Tower, 19 Camac Street, IND-700017 Calcutta
Product Category <i>Produktart</i>	ductile iron pipe fittings: Ductile iron fittings (7705)
Product Description <i>Produktbezeichnung</i>	ductile iron fittings for the drinking water supply
Model <i>Modell</i>	Gusseisenformstücke "ELECTROSTEEL"
Test Reports <i>Prüfberichte</i>	laboratory control test: 11-7415-17-02 from 07.04.2017 (MPG) mechanical test: 11741511 from 12.02.2012 (MPG) UBA-Guideline: K-245519-14-Ko from 07.07.2014 (WHY) hygienic testing: W-247649e-14-SI from 29.08.2014 (WHY)
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Type Typ	Technical Data Technische Daten	Remarks Bemerkungen
"ELECTROSTEEL"	nominal diameter: DN 80	
"ELECTROSTEEL"	nominal diameter: DN 100	
"ELECTROSTEEL"	nominal diameter: DN 125	
"ELECTROSTEEL"	nominal diameter: DN 150	
"ELECTROSTEEL"	nominal diameter: DN 200	
"ELECTROSTEEL"	nominal diameter: DN 250	
"ELECTROSTEEL"	nominal diameter: DN 300	
"ELECTROSTEEL"	nominal diameter: DN 350	
"ELECTROSTEEL"	nominal diameter: DN 400	
"ELECTROSTEEL"	nominal diameter: DN 450	
"ELECTROSTEEL"	nominal diameter: DN 500	
"ELECTROSTEEL"	nominal diameter: DN 600	
"ELECTROSTEEL"	nominal diameter: DN 700	
"ELECTROSTEEL"	nominal diameter: DN 800	
"ELECTROSTEEL"	nominal diameter: DN 900	
"ELECTROSTEEL"	nominal diameter: DN 1000	
"ELECTROSTEEL"	nominal diameter: DN 1100	

Type Variation Ausführungsvariante	Explanations Erläuterungen
TYT	push-on joint, DN 80 - DN 1100
ELECTROLOCK	push-on joint restrained, DN 80 - DN 700
RJT / VE	push-on joint restrained, DN 80 - DN 1100
VI PLUS	push-on joint restrained, DN 80 - DN 600
EMJ / EXPRESS	mechanical joint, DN 80 - DN 1000
FIXED FLANGE	cast or weld on flange (FL) PN 10, PN 16, PN 25: DN 80 - DN 1000; PN 40: DN 80 - DN 600
LOOSE FLANGE	rotatable flange (LF) PN 10, PN 16, PN 25: DN 80 - DN 600

Hints of Utilization / Remarks

Verwendungshinweise / Bemerkungen

subject of this certificate are fittings according DIN EN 545

lining and coating:

internal and external coating: epoxy coating (FBE - Fusion Bonded Epoxy) according to DIN EN 545 and DIN EN 14901

internal coating: cement mortar lining according to DVGW W 347 and external coating: zinc rich paint followed by top coat according to DIN EN 545