



This Certificate is unofficial translation of the Croatian version of the same document.

VIK-HR d.o.o.

VIK Cert, Department C1- Product Certification

Zagrebačka cesta 231, HR-10000 ZAGREB

APPROVED BODY (AB) no. 10/09



CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 10/09 – ZGP – 23/35 (E)

In compliance with the Construction Products Act (OG No. 76/13, 30/14, 130/17, 39/19, 120/18),
Ordinance on the bodies, documentation and procedures on the construction products market
(OG No. 118/19) and the Technical Regulation on Construction Products
(OG No. 35/18, 104/19, 103/24),

this certificate applies to the construction product:

**DUCTILE IRON FITTINGS –
for water pipelines for general purpose and human consumption
described in Annex I as an inseparable part of this certificate,**

produced and placed on the market under the name or trademark:

**APPENDAGEFABRIEK KOLK B.V.,
Parelstraat 5, 7554 TL Hengelo, The Netherlands**

and produced in the manufacturing plant:

**APPENDAGEFABRIEK KOLK B.V.,
Parelstraat 5, 7554 TL Hengelo, The Netherlands**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in standards:

**HRN EN 545:2010
(EN 545:2010)**

under system 1+ for the performances set out in this certificate and that according to the article 9 of the Law on water for human consumption (OG 30/23) as well as the provisions of the Ordinance on the health parameters of materials and objects that come into contact with water intended for human consumption (OG 64/23) have been applied and that

the construction products fulfil all the prescribed requirements for these performances.

This certificate was first issued on **September 28, 2023**, and its validity is extended to the date written in this certificate, i.e. as long as the disharmonized standard, the construction product, the assessment and verification of constancy of performance methods nor the manufacturing conditions in the plant aren't modified significantly, unless suspended or withdrawn by the approved product certification body.

In Zagreb, July 1, 2025

Validity: **July 15, 2026**



Authorized person:

mr. Vladislav Špacir, dipl.ing.



Director:

Josipa Špacir, dipl.ing.



ANNEX I TO THE CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 10/09 – ZGP – 23/35 (E)

List of products from the manufacturer: **Appendagefabriek Kolk B.V.**,
Parelstraat 5,
7554 TL Hengelo, The Netherlands

Table 1. List of ductile iron fittings

No.	Product	Model	DN (mm)	PN (bar)
1	Tee	T	50 - 1200	10/16
2	Tee 45° branch	FFC		
3	Radial Tee	SCH		
4	90° flanged bend	Q		
5	Flanged access bend	IQ		
6	Flanged bend with thread hole	WQ		
7	Flanged reduction bend	RQ		
8	45° flanged bend	FFK 45°		
9	30° flanged bend	FFK 30°		
10	22½° flanged bend	FFK 22½°		
11	11¼° flanged bend	FFK 11¼°		
12	Flanged taper	FFR		
13	Flanged eccentric taper	FFRE		
14	Double flanged pipe	FF		
15	Double flanged pipe with puddle flange	FFM		
16	Flanged spigot pipe	FS		
17	Flanged spigot pipe with puddle flange	FM		
18	Duckfoot bend	N		
19	Duckfoot reduction bend (	RQN		
20	All flanged	Y		
21	All flanged cross	TT		
22	Bellmouth	OMS		
23	Suction bend	ZQ		
24	Blank flange (X)	X		

Table 1. (continuation) List of ductile iron fittings

No.	Product	Model	DN (mm)	PN (bar)
25	Blank flange with tread hole	XD	50 - 1200	10/16
26	Blank flange with eccentric thread hole	XDE		
27	Studded reducer flange	XR		
28	Eccentric reducer flange	Xre		
29	Studded adaptor flange	XO		
30	Flanged pipe adapter	FFO		
31	Flange-socket	EU		
32	Flange-spigot	F		
33	Flange on double socket tee	MMA		
34	All socket Tee	MMB		
35	Double socket bend 90°	MMQ		
36	Double socket bend 45° (	MMK 45°		
37	Double socket bend 30°	MMK 30°		
38	Double socket bend 22½°	MMK 22½°		
39	Double socket bend 11¼°	MMK 11¼°		
40	Dismantling joints not lockable	RN		
41	Dismantling joints	RO		
42	Dismantling joints	RO-1		
43	Dismantling joints	RO-2		
44	Dismantling joints	RO-4		
45	Flexible pipe joint	RG		
46	Flexible pipe joint Restrained	RGV		

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