



Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava, Slovenská republika

CERTIFICATE

no. 1586/5/2023

Technická inšpekcia, a. s.,
based on the inspection results of specific assessment for materials

confirms, that

M C V PIPES & FITTINGS TRADING L.L.C.
no. 1009, Block B, Youssef Zahra Building, Al Goze Third,
P.O. Box 124328, Dubai, UAE
(Registered Office)

North Loop Industrial Zone, Jinghai County, Tianjin, China
(Workshop)

has implemented and applies quality assurance system for materials
according to point 4.3 of Annex I to the Directive 2014/68/EU on pressure equipment

Scope of materials:
Seamless pipe fittings
Forged flanges
(refer to the Annex 1 and 2 to the Certificate for details)

Inspection report no. 1586/5/2023.

Manufacturer will inform Technická inšpekcia, a. s. about every modification in quality assurance system that can affect quality of materials.

The Certificate validity is conditioned with performing of surveillance by Technická inšpekcia, a.s. for minimum 1 periodic audit per 12 months. Audit Report proves performing of periodic audit.

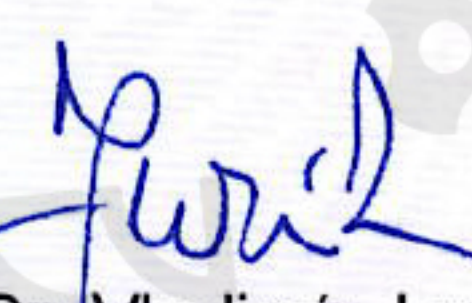
Certificate is valid until November 8, 2026

Date of initial certification: November 9, 2023

Bratislava, November 9, 2023



CST3-190


JUDr. Vladimír Jurík
General Director

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Annex no. 1 to the Certificate no. 1586/5/2023
Scope of materials for fittings

Product form	Standard	Nominal size	Wall thickness
ELBOW	ASME B16.9 GB/T12459 EN 10253-1, EN 10253-2 EN 10253-3, EN 10253-4	DN 10 – DN1050	2mm–100mm
TEE	ASME B16.9 GB/T12459 EN 10253-1, EN 10253-2 EN 10253-3, EN 10253-4	DN 10 – DN1050	2mm–100mm
CROSS	ASME B16.9 GB/T12459 EN 10253-1, EN 10253-2 EN 10253-3, EN 10253-4	DN 10 – DN1050	2mm–100mm
BEND	ASME B16.9 GB/T12459 EN 10253-1, EN 10253-2 EN 10253-3, EN 10253-4	DN 10 – DN1050	2mm–100mm
REDUCER	ASME B16.9 GB/T12459 EN 10253-1, EN 10253-2 EN 10253-3, EN 10253-4	DN 10 – DN1050	2mm–100mm

Specification	Material Grade	Product type
EN10216-2	P265GH, 10CrMo9-10, 15NiCuMoNb5-6-4, X10CrMoVNb9-1, X10CrWMoVNb9-2	all products form referred in Annex
EN10216-5	X2CrNi18-9, X2CrNi18-10, X6CrNiNb18-10, X6CrNiMoTi17-12-2, X6CrNiMoNb17-12-2	
ASTM A 106	B	
ASTM A 234	WPB, WPC, WP11 CL1, WP11 CL2, WP91	
ASME SA 335	P5, P22, P36, P91, P92	
ASTM A 312	TP304, TP304L, TP316, TP316L, TP321	
ASTM A 420	WPL3, WPL6, WPL8, WPL9	
API 5L	X42, X60, X65, X70	
EN 10253-2	P235GH, X10CrMoVNb9-1, 13CrMo4-5, 10CrMo9-10	
EN 10253-3	X6CrNiTi18-10	
GB/T 5310	20G, 15CrMoG, 12Cr1MoVG,	
GB/T 8163	10, 20, Q345	
GB/T 9948	1Cr5Mo	



[Signature]
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 General Director



Annex no. 2 to the Certificate no. 1586/5/2023
Scope of materials for flanges

Specification	Standard	Pressure rating (PN)	Nominal diameter (DN)
Forged flange (weld neck)	ASME B16.5 ASME B16.47 EN 1092-1	6 to 420	15 - 1050
Forged flange (socket weld)	ASME B16.5 ASME B16.47 EN 1092-1	6 to 420	15 - 1050
Forged flange (hubbed threaded)	ASME B16.5 ASME B16.47 EN 1092-1	6 to 420	15 - 1050
Forged flange (plate loose)	ASME B16.5 ASME B16.47 EN 1092-1	6 to 420	15 - 1050
Forged flange (slip on)	ASME B16.5 ASME B16.47 EN 1092-1	6 to 420	15 - 1050
Forged flange (blind)	ASME B16.5 ASME B16.47 ASME B16.48 EN 1092-1	6 to 420	15 - 1050

Material:

Specification	Material Grade	Product type
NB/T 47008	16Mn, 20#, 20MnMo, 20MnMoNb, 15CrMo, 12Cr1MoV 12Cr5Mo, 35CrMo	Flanges
NB/T 47009	16MnD, 09MnNiD	
NB/T 47010	S30408, S31608, S30403, S31603	
ASME SA 105	---	
ASME SA 182	F304, F304L, F316, F316L, F5, F9, F11, F12, F22	
GB/T 700	Q235B	
GB/T 713	Q245R, Q345R	
EN 10025	1.0037, 1.0038	
EN 10222-2	1.0352, 1.0426	
EN 10222-4	1.0487, 1.0565	
EN 10022-5	1.4307, 1.4301, 1.4541, 1.4404, 1.4401	



[Signature]
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