



Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava, Slovenská republika

CERTIFICATE

no. 2101/5/2022

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

confirms, that

*Maharashtra Forge & Fittings,
63/65, 3rd Floor office no.13, 4th Kumbharwada, Mumbai 400004, India
(head office)*

*Gala No. 2, Blue Bell Imperial, Manas Industrial Hub, Chinchpada, Vasai East,
Dist. Palghar – 401 208
(workshop)*

has implemented and applies quality assurance system for materials
according to point 4.3 of Annex I to the Directive no. 2014/68/EU on pressure equipment

Scope of materials:
Pipes and tubes made of steel
Pipe fittings made of steel
Flanges made of steel
(refer to the Annex to the Certificate)

Audit report no. 2101/5/2022

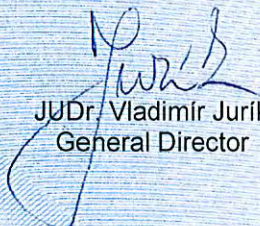
Manufacturer shall inform Technická inšpekcia, a. s. of any intended change of system of quality assurance.

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 December 22, 2025

Date of initial certification: December 23, 2022

Bratislava, December 23, 2022


JUDr. Vladimír Jurík
General Director



Annex to the Certificate no. 2101/5/2022

Scope of materials

Wrought Fittings

| Product | Standard | Nominal size | Wall thickness |
|--------------------|-----------------|-----------------|------------------|
| Elbow | ASME B16.9-2018 | NPS ½ to NPS 10 | Sch 5 to Sch 160 |
| Tee | | | |
| Reducing Tee | | | |
| Cross | | | |
| Reducer concentric | | | |
| Reducer eccentric | | | |
| Stub end | | | |
| TC fitting | | | |
| Cap | | | |

Forged fittings

| Product | Standard | Nominal size | Class |
|--------------------------------------|------------------|----------------|---------------------------------------|
| Elbow | ASME B16.11-2016 | NPS ½ to NPS 4 | Class 3000, Class 6000, Class 9000 |
| Tee | | | |
| Cross | | | |
| Coupling | | | |
| Half coupling | | | |
| Plug (Round, Square, Hex head) | | | |
| Boss | | | |
| Cap | | | |
| TC fittings | | | |
| Cuplet | | | |



Flanges

| Type | Standard | Nominal size | PN/Class | Method of manufacture |
|--|-----------------|--------------|----------------|-----------------------|
| Weld neck Slip - on Socket weld Blind Hubbed threaded Spectacle blind flange | ASME B16.5-2020 | 1/2" to 10" | DN 15 – DN 600 | Forged, Machined |

Pipes and tubes

| Standard | Material (Grade) | Nominal size | Wall Thickness | Heat treatment |
|-------------------------|---|-----------------|----------------|----------------|
| ASTM A312 (seamless) | TP304, TP304L, TP316, TP316L, TP316 Ti, TP310S, TP321 | DN 15 to DN 600 | 1.65 to 26 mm | annealing |
| ASTM A213 | TP304, TP304L, TP316, TP316L, TP316 Ti, TP310S, TP321, TP202, | DN 15 to DN 300 | 1.65 to 26 mm | annealing |
| ASTM A269 | TP304, TP304L, TP316, TP316L, TP321 | DN 15 to DN 300 | 1.65 to 26 mm | annealing |
| ASTM A270 (seamless) | TP304, TP304L, TP316, TP316L | DN 15 to DN 300 | 1.65 to 26 mm | annealing |

Materials

| Specification | Material Grade | Product type |
|---------------|---|------------------|
| ASTM A 269 | TP304, TP304L, TP316, TP316L, TP321 | Forged fittings |
| ASTM A 270 | TP304, TP304L, TP316, TP316L | Forged fittings |
| ASTM A 519 | 4130 | Forged fittings |
| ASTM A 106 | A, B, C | Forged fittings |
| ASTM A 105 | -- | Forged fittings |
| ASME SA 335 | P11, P22, | Forged fittings |
| ASTM A 403 | WP304, WP304L, WP309, WP310S, WP316, WP316L, WP321, | Wrought fittings |
| ASTM A 182 | F304, F304L, F309H, F310, F316, F316L, F316Ti, F321, | Forged fittings |
| ASME SA182 | F11, F22, | Forged fittings |

