



TECHNICKÁ INŠPEKCIA, a.s.
SLOVENSKÁ REPUBLIKA



CERTIFICATE

no. 659/3/2015

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

confirms, that

*Technological pipeline constructions Limited Liability Company,
Simferopolsky Blvd., 3, 117556, MOSCOW, RUSSIA
(Registered address)*

*Gagarina St. bld.1a, 399059, Lipetsk Region, GRJAZI, RUSSIA
(Postal address)*

has implemented and applies quality assurance system for materials
according to point 4.3 of Annex I to the Directive no. 97/23/EC on pressure equipment

Scope of materials:
Fittings, flanges and pipes according to the Annex to the Certificate

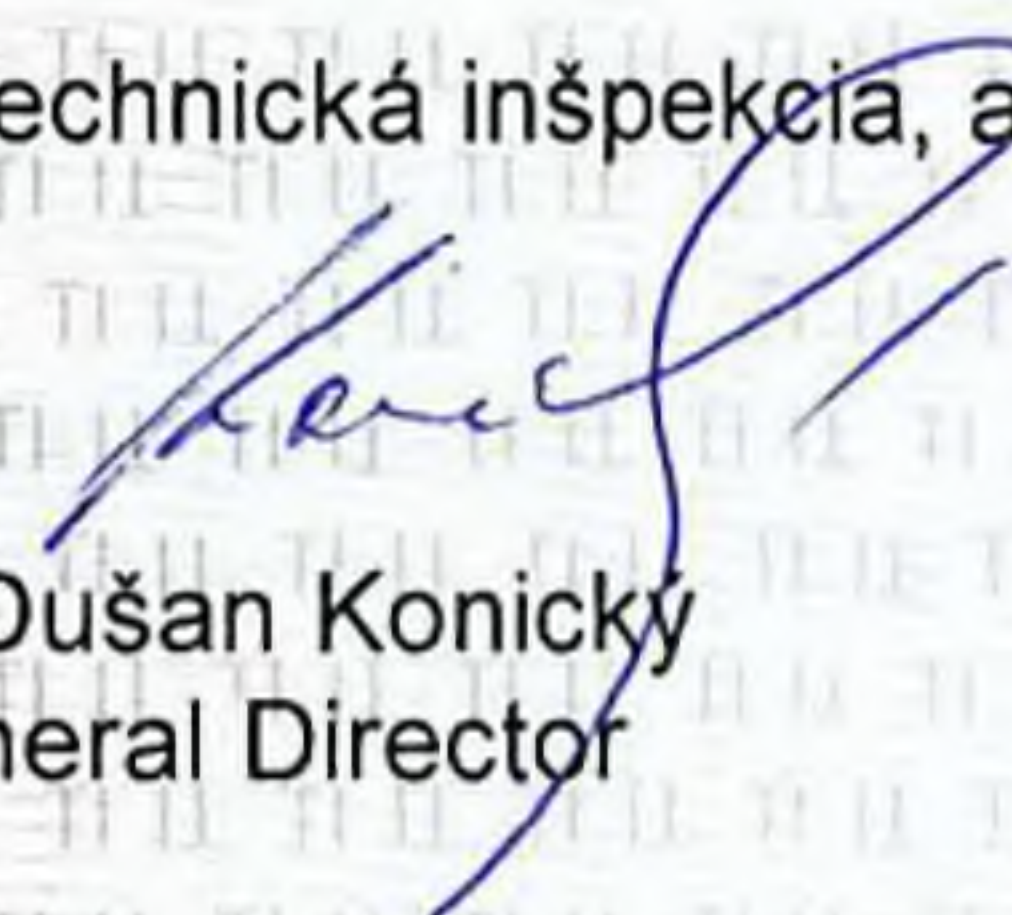
Inspection report no. 659/3/2015

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

Certificate is valid until April 9th, 2018

Bratislava, April 10th, 2015

On behalf of Technická inšpekcia, a.s.


Ing. Dušan Konický
General Director

286590

CST3-190



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Product	Standard	Material	Parameters
Pipe flanges	ASME B16.5	A105, A182, A350, A462, A479, A511, A564, A572 or analogs	max. Class 2500 max. DN600
Flanged fittings	ASME B16.5	A105, A182, A350, A462, A479, A511, A564, A572 or analogs	max. Class 2500 max. DN500
Steel flanges	ASME B16.47	A105, A182, A350 or analogs	max. Class 900 DN650 to DN1500
Steel pipeline flanges	MSS SP-44	A105, A350, A694, A707 or analogs	max. Class 900 max. DN1500
Ring-joint gaskets	ASME B16.20		max. R-105
Flanges	EN 1092-1	A105, A182, A350 or analogs	max. PN40 max. DN3600
Flat flange	DIN 2502, DIN 2503	A105, A182, A350 or analogs	PN16, PN25, PN40
Blind flange	DIN 2527	A105, A182, A350 or analogs	PN6, PN10
Flat flange for welding (slip on)	DIN 2543, DIN 2544, DIN 2545	A105, A182, A350 or analogs	PN16, PN25, PN40
Flat flange for welding (slip on)	DIN 2573, DIN 2575, DIN 2576	A105, A182, A350 or analogs	PN6, PN10, PN16
Threaded flange with neck	DIN 2565 to DIN 2569	A105, A182, A350 or analogs	PN6 to PN100
Welding neck flange	DIN 2627 to DIN 2638	A105, A182, A350 or analogs	PN2,5 to PN 400
Loose Flange And Ring For Welding	DIN 2655, DIN 2656	A105, A182, A350 or analogs	PN25, PN40
Integrally Reinforced Forged Branch Outlet Fittings - Socket Welding, Threaded and Buttwelding Ends	MSS SP-97	A105, A182, A234, A350, A403, A420, A815 and materials from standard ASME B16.34 or analogs	max. Class 6000 (threaded & socket welding) max. Class SCH160 (buttwelding) max. DN600

On behalf of Technická inšpekcia, a.s.

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General Director

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USED REGULATIONS AND STANDARDS

1. ASME B16.5-2013 Pipe Flanges and Flanged Fittings:
NPS 1/2 through NPS 24 Met-ric/Inch Standard -1
2. ASME B16.47 Large Diameter Steel Flanges
3. ASME B16.20 Metallic Gaskets for Pipe Flanges
4. MSS SP-44-2010 Steel Pipeline Flanges, Includes Errata
5. EN 1092-1 Flanges
6. DIN 2502 Flat Flange
7. DIN 2503 Flat Flange
8. DIN 2527 Blind Flange
9. DIN 2543 Flat Flange for Welding (Slip On) PN16
10. DIN 2544 Flat Flange for Welding (Slip On) PN25
11. DIN 2545 Flat Flange for Welding (Slip On) PN40
12. DIN 2565 Threaded Flange With Neck PN6
13. DIN 2566 Threaded Flange With Neck PN16
14. DIN 2567 Threaded Flange With Neck PN25 and PN40
15. DIN 2568 Threaded Flange With Neck PN64
16. DIN 2569 Threaded Flange With Neck PN100
17. DIN 2573 Flat Flange for Welding (Slip On) PN6
18. DIN 2575 Flat Flange for Welding (Slip On) PN6
19. DIN 2576 Flat Flange for Welding (Slip On) PN10
20. DIN 2577 Flat Flange PN16
21. DIN 2627 Welding Neck Flange PN400
22. DIN 2628 Welding Neck Flange PN250
23. DIN 2629 Welding Neck Flange PN320
24. DIN 2630 Welding Neck Flange PN2.5
25. DIN 2631 Welding Neck Flange PN6
26. DIN 2632 Welding Neck Flange PN10
27. DIN 2633 Welding Neck Flange PN16
28. DIN 2634 Welding Neck Flange PN25
29. DIN 2635 Welding Neck Flange PN40
30. DIN 2636 Welding Neck Flange PN64
31. DIN 2637 Welding Neck Flange PN100
32. DIN 2638 Welding Neck Flange PN160
33. DIN 2655 Loose Flange And Ring For Welding PN25 (Slip-on Flange And Plain Collar)
34. DIN 2656 Loose Flange And Ring For Welding PN40 (Slip-on Flange And Plain Collar)
35. MSS SP-97-2012 Integrally Reinforced Forged Branch Outlet Fittings - Socket Welding, Threaded and Buttwelding Ends



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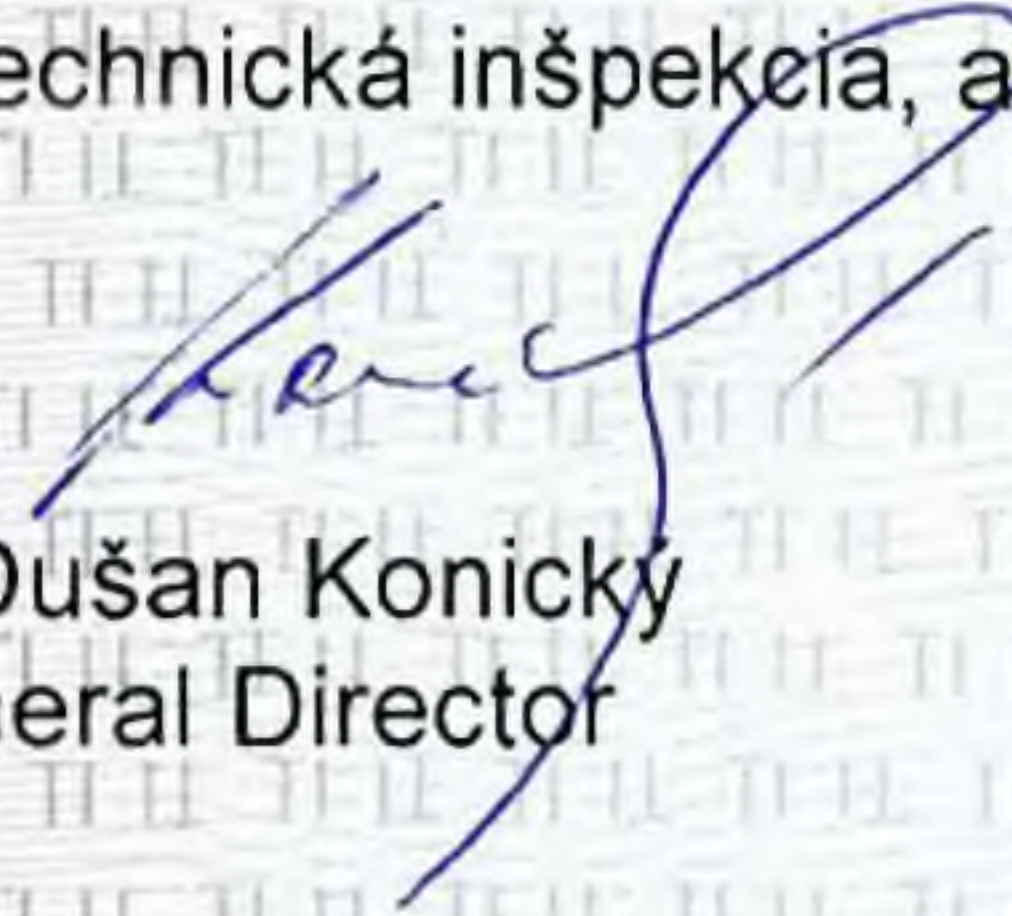
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USED REGULATIONS AND STANDARDS

36. ASME B31.4-2012 Pipeline Transportation Systems for Liquids and Slurries
37. ASME B31.8-2012 Gas Transmission and Distribution Piping Systems
38. ASME BPVC-VIII-2013 div.1 Rules for Construction of Pressure Vessels
39. ASME B 1.20.1-2013 Pipe Threads, General Purpose (Inch)
40. ASME B31.1-2012 Power Piping
41. ASME B31.3-2012 Process Piping
42. ASME B16.25-2012 Buttwelding Ends
43. ASME B16.11-2011 Forged Fittings, Socket-Welding and Threaded
44. ASME B16.34 Valves Flanged, Threaded and Welding End
45. BS 3799:1974 Specification for steel pipe fittings, screwed and socket-welding for the petroleum industry
46. MSS SP-83-2006 Class 3000 Steel Pipe Unions Socket Welding and Threaded
47. ГОСТ 12.1.004-91 ССБТ. Пожарная безопасность.
Общие требования (с Изменени-ем N 1)
48. ГОСТ 12.1.019-79 Система Стандартов Безопасности Труда. Электробезопасность
49. ГОСТ 12.2.003-91 Оборудование производственное.
Общие требования безопасно-сти
50. ГОСТ 12.3.003-86 Система стандартов безопасности труда.
Работы электросвароч-ные. Требования безопасности.
51. MSS SP-95-2006 Swage (D) Nipples and Bull Plugs
52. ГОСТ 1497-84 (ИСО 6892-84, СТ СЭВ 471-88). Металлы.
Методы испытаний на растяжение
53. ГОСТ 9454-78 Металлы. Метод испытания на ударный изгиб при пониженной,
комнатной и повышенных температурах
54. ГОСТ 15150-69 Машины, приборы и другие технические изделия. Исполнения для
различных климатических районов. Категории, условия эксплуатации, хранения и
транспортирования в части воздействия климатических факторов внешней среды
55. ГОСТ 15846-79 Продукция, отправляемая в районы крайнего севера
и труднодо-ступные районы. Упаковка, маркировка, транспортирование и хранение
56. ГОСТ 23170-78 Упаковка для изделий машиностроения. Общие требования.

On behalf of Technická inšpekcia, a.s.


Ing. Dušan Konický
General Director

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