



# Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava, Slovenská republika

## CERTIFICATE no. 2946/1/2021-1

Technická inšpekcia, a. s. issues this certificate according to the EN ISO/IEC 17020

Standard used for testing: API STANDARD 607 SEVENTH EDITION, June 2016

Manufacturer: **DELTA VALVES S.r.l**

Address: Via per Mesero, 6 - 20010 Ossona (MI) - Italy

### Tested valve:

- Type of valve: 2"-150Lb Cast Steel Floating Ball Valve
- Design standard: API 6D
- Material of body: ASTM A216 WCB; Material of Body flange: ASTM A216 WCB
- Stem: ASTM A276 410; Ball material : ASTM A105+ENP
- Body & Body flange gasket: SS304+Graphite; Stem Seal: Graphite;
- Seat & Body seal: Graphite;
- Closure bolting: ASTM A193 B7
- Pressure rating/nominal size: Class 150 / NPS 2
- Drawing: 2"Q41F-150Lb-00

### Qualified range:

- Type of valve: Ball Valve
- Design standard: API 6D
- Range of size: NPS 2 and below; 2<sup>1</sup>/<sub>2</sub>; 3; 4 / DN 50 and below; 65; 80; 100
- Range of pressure rating: Class 150; 300
- Body material: Ferritic and/or with better characteristic
- Non-metallic materials: same as tested valve
- Closure bolting material: low alloy, stainless steel, nickel - alloy

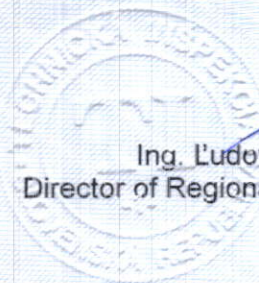
Certificate issued on basis: Test report of fire test of valve no. 247360 Rev. 1


Technická inšpekcia, a. s. after assessment of test report and witnessing of fire test

declares, that

**Results and valve meets requirements for fire test according to the standard  
API STANDARD 607 SEVENTH EDITION, June 2016.**

Bratislava, 19<sup>th</sup> October 2021



  
Ing. Ľudovít Zeman  
Director of Regional Office Bratislava



B 004011



# Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava, Slovenská republika

## CERTIFICATE no. 2946/1/2021-2

Technická inšpekcia, a. s. issues this certificate according to the EN ISO/IEC 17020

Standard used for testing: API STANDARD 607 SEVENTH EDITION, June 2016

Manufacturer: **DELTA VALVES S.r.l**

Address: Via per Mesero, 6 - 20010 Ossona (MI) - Italy

### Tested valve:

- Type of valve: 6"-150Lb Cast Steel Floating Ball Valve
- Design standard: API 6D
- Material of body: ASTM A216 WCB; Material of Body flange: ASTM A216 WCB
- Stem: ASTM A276 410; Ball material : ASTM A105+ENP
- Body & Body flange gasket: SS304+Graphite; Stem Seal: Graphite;
- Seat & Body seal: Graphite;
- Closure bolting: ASTM A216 WCB
- Pressure rating/nominal size: Class 150 / NPS 6
- Drawing: 6"Q41F-150Lb-00

### Qualified range:

- Type of valve: Ball Valve
- Design standard: API 6D
- Range of size: NPS 6; 8; 10; 12 / DN 150; 200; 250; 300
- Range of pressure rating: Class 150; 300
- Body material: Ferritic and/or with better characteristic
- Non-metallic materials: same as tested valve
- Closure bolting material: low alloy, stainless steel, nickel - alloy

Certificate issued on basis: Test report of fire test of valve no. 247362 Rev. 1

Technická inšpekcia, a. s. after assessment of test report and witnessing of fire test

declares, that

**Results and valve meets requirements for fire test according to the standard  
API STANDARD 607 SEVENTH EDITION, June 2016.**

Bratislava, 19<sup>th</sup> October 2021



  
Ing. Ludcvít Zeman  
Director of Regional Office Bratislava



B 004012



# Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava, Slovenská republika

## CERTIFICATE no. 2946/1/2021-3

Technická inšpekcia, a. s. issues this certificate according to the EN ISO/IEC 17020

Standard used for testing: API STANDARD 607 SEVENTH EDITION, June 2016

Manufacturer: **DELTA VALVES S.r.l**

Address: Via per Mesero, 6 - 20010 Ossonona (MI) - Italy

### Tested valve:

- Type of valve: 8"-150Lb Forged Steel Trunnion Mounted Ball Valve
- Design standard: API 6D
- Material of body: ASTM A105; Material of Body flange: ASTM A105
- Stem: ASTM A276 410; Ball material : ASTM A105+ENP
- Body & Body flange gasket: SS304+Graphite; Stem Seal: Graphite;
- Seat & Body seal: Graphite;
- Closure bolting: ASTM A193 B7
- Pressure rating/nominal size: Class 150 / NPS 8
- Drawing: 8"Q347F-150Lb-00-(A)

### Qualified range:

- Type of valve: Ball Valve
- Design standard: API 6D
- Range of size: NPS 8 and larger / DN 200 and larger
- Range of pressure rating: Class 150; 300
- Body material: Ferritic and/or with better characteristic
- Non-metallic materials: same as tested valve
- Closure bolting material: low alloy, stainless steel, nickel - alloy

Certificate issued on basis: Test report of fire test of valve no. 247364 Rev. 1

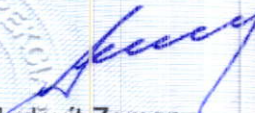
Technická inšpekcia, a. s. after assessment of test report and witnessing of fire test

declares, that

**Results and valve meets requirements for fire test according to the standard  
API STANDARD 607 SEVENTH EDITION, June 2016.**

Bratislava, 19<sup>th</sup> October 2021



  
Ing. Ludovít Zeman  
Director of Regional Office Bratislava



B 004013



# Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava, Slovenská republika

## CERTIFICATE no. 2946/1/2021-4

**Technická inšpekcia, a. s. issues this certificate according to the EN ISO/IEC 17020**

Standard used for testing: API STANDARD 607 SEVENTH EDITION, June 2016

Manufacturer: **DELTA VALVES S.r.l**

Address: Via per Mesero, 6 - 20010 Ossona (MI) - Italy

### Tested valve:

- Type of valve: 8"-150Lb Cast Steel Trunnion Ball Valve
- Design standard: API 6D
- Material of body: ASTM A216 WCB; Material of Body flange: ASTM A216 WCB
- Stem: ASTM A276 410; Ball material : ASTM A105+ENP
- Body & Body flange gasket: SS304+Graphite; Stem Seal: Graphite;
- Seat & Body seal: Graphite;
- Closure bolting: ASTM A193 B7
- Pressure rating/nominal size: Class 150 / NPS 8
- Drawing: 8"Q347F-150Lb-00

### Qualified range:

- Type of valve: Ball Valve
- Design standard: API 6D
- Range of size: NPS 8 and larger / DN 200 and larger
- Range of pressure rating: Class 150; 300
- Body material: Ferritic and/or with better characteristic
- Non-metallic materials: same as tested valve
- Closure bolting material: low alloy, stainless steel, nickel - alloy

Certificate issued on basis: Test report of fire test of valve no. 247366 Rev. 1

Technická inšpekcia, a. s. after assessment of test report and witnessing of fire test

declares, that

**Results and valve meets requirements for fire test according to the standard  
API STANDARD 607 SEVENTH EDITION, June 2016.**

Bratislava, 19<sup>th</sup> October 2021



  
Ing. Ludovít Zeman  
Director of Regional Office Bratislava



B 004014



# Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava, Slovenská republika

## CERTIFICATE no. 2946/1/2021-5

**Technická inšpekcia, a. s. issues this certificate according to the EN ISO/IEC 17020**

Standard used for testing: API STANDARD 607 SEVENTH EDITION, June 2016

Manufacturer: **DELTA VALVES S.r.l**

Address: Via per Mesero, 6 - 20010 Ossonona (MI) - Italy

### Tested valve:

- Type of valve: 8"-600Lb Forged Steel Trunnion Mounted Ball Valve
- Design standard: API 6D
- Material of body: ASTM A105; Material of Body flange: ASTM A105
- Stem: ASTM A276 410; Ball material : ASTM A105+ENP
- Body & Body flange gasket: SS304+Graphite; Stem Seal: Graphite;
- Seat & Body seal: Nylon;
- Closure bolting: ASTM A193 B7
- Pressure rating/nominal size: Class 600 / NPS 8
- Drawing: 8"Q347N-600Lb-00

### Qualified range:

- Type of valve: Ball Valve
- Design standard: API 6D
- Range of size: NPS 8 and larger / DN 200 and larger
- Range of pressure rating: Class 600; 800, 900
- Body material: Ferritic and/or with better characteristic
- Non-metallic materials: same as tested valve
- Closure bolting material: low alloy, stainless steel, nickel - alloy

Certificate issued on basis: Test report of fire test of valve no. 247368 Rev. 1


Technická inšpekcia, a. s. after assessment of test report and witnessing of fire test

declares, that

**Results and valve meets requirements for fire test according to the standard  
API STANDARD 607 SEVENTH EDITION, June 2016.**

Bratislava, 19<sup>th</sup> October 2021



  
Ing. Ľudovít Zeman  
Director of Regional Office Bratislava



B 004015



# Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava, Slovenská republika

## CERTIFICATE no. 2946/1/2021-6

**Technická inšpekcia, a. s. issues this certificate according to the EN ISO/IEC 17020**

Standard used for testing: API STANDARD 607 SEVENTH EDITION, June 2016

Manufacturer: **DELTA VALVES S.r.l**

Address: Via per Mesero, 6 - 20010 Ossonona (MI) - Italy

### Tested valve:

- Type of valve: 8"-600Lb Cast Steel Trunnion Ball Valve
- Design standard: API 6D
- Material of body: ASTM A216 WCB; Material of Body flange: ASTM A216 WCB
- Stem: ASTM A276 410; Ball material : ASTM A105+ENP
- Body & Body flange gasket: SS304+Graphite; Stem Seal: Graphite;
- Seat & Body seal: Nylon;
- Closure bolting: ASTM A193 B7
- Pressure rating/nominal size: Class 600 / NPS 8
- Drawing: 8"Q347N-600Lb-00

### Qualified range:

- Type of valve: Ball Valve
- Design standard: API 6D
- Range of size: NPS 8 and larger / DN 200 and larger
- Range of pressure rating: Class 600; 800, 900
- Body material: Ferritic and/or with better characteristic
- Non-metallic materials: same as tested valve
- Closure bolting material: low alloy, stainless steel, nickel - alloy

Certificate issued on basis: Test report of fire test of valve no. 247370 Rev. 1

Technická inšpekcia, a. s. after assessment of test report and witnessing of fire test

declares, that

**Results and valve meets requirements for fire test according to the standard  
API STANDARD 607 SEVENTH EDITION, June 2016.**

Bratislava, 19<sup>th</sup> October 2021



  
Ing. Ľudovít Zeman  
Director of Regional Office Bratislava



B 004016



# Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava, Slovenská republika

## CERTIFICATE no. 2946/1/2021-7

Technická inšpekcia, a. s. issues this certificate according to the EN ISO/IEC 17020

Standard used for testing: API STANDARD 607 SEVENTH EDITION, June 2016

Manufacturer: **DELTA VALVES S.r.l**

Address: Via per Mesero, 6 - 20010 Ossonona (MI) - Italy

### Tested valve:

- Type of valve: 8"-1500Lb Forged Steel Trunnion Mounted Ball Valve
- Design standard: API 6D
- Material of body: ASTM A105; Material of Body flange: ASTM A105
- Stem: ASTM A276 410; Ball material : ASTM A105+ENP
- Body & Body flange gasket: SS304+Graphite; Stem Seal: Graphite;
- Seat & Body seal: Nylon;
- Closure bolting: ASTM A193 B7
- Pressure rating/nominal size: Class 1500 / NPS 8
- Drawing: 8"Q347N-1500Lb-00

### Qualified range:

- Type of valve: Ball Valve
- Design standard: API 6D
- Range of size: NPS 8 and larger / DN 200 and larger
- Range of pressure rating: Class 1500; 2500
- Body material: Ferritic and/or with better characteristic
- Non-metallic materials: same as tested valve
- Closure bolting material: low alloy, stainless steel, nickel - alloy

Certificate issued on basis: Test report of fire test of valve no. 247372 Rev. 1


Technická inšpekcia, a. s. after assessment of test report and witnessing of fire test

declares, that

**Results and valve meets requirements for fire test according to the standard  
API STANDARD 607 SEVENTH EDITION, June 2016.**

Bratislava, 19<sup>th</sup> October 2021



  
Ing. Ľudovít Zeman  
Director of Regional Office Bratislava



B 004017



# Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava, Slovenská republika

## CERTIFICATE no. 2946/1/2021-8

**Technická inšpekcia, a. s. issues this certificate according to the EN ISO/IEC 17020**

Standard used for testing: API STANDARD 607 SEVENTH EDITION, June 2016

Manufacturer: **DELTA VALVES S.r.l**

Address: Via per Mesero, 6 - 20010 Ossona (MI) - Italy

### Tested valve:

- Type of valve: 6"-600Lb Cast Steel Trunnion Ball Valve
- Design standard: API 6D
- Material of body: ASTM A216 WCB; Material of Body flange: ASTM A216 WCB
- Stem: ASTM A4140+ENP; Ball material : ASTM A105+ENP
- Body & Body flange gasket: SS304+Graphite; Stem Seal: Graphite;
- Seat & Body seal: Nylon;
- Closure bolting: ASTM A193 B7
- Pressure rating/nominal size: Class 600 / NPS 6
- Drawing: 6"Q347F-600Lb-00

### Qualified range:

- Type of valve: Ball Valve
- Design standard: API 6D
- Range of size: NPS 6; 8; 10; 12 / DN 150; 200; 250; 300
- Range of pressure rating: Class 600; 800; 900
- Body material: Ferritic and/or with better characteristic
- Non-metallic materials: same as tested valve
- Closure bolting material: low alloy, stainless steel, nickel - alloy

Certificate issued on basis: Test report of fire test of valve no. 247764 Rev. 1

Technická inšpekcia, a. s. after assessment of test report and witnessing of fire test

declares, that

**Results and valve meets requirements for fire test according to the standard  
API STANDARD 607 SEVENTH EDITION, June 2016.**

Bratislava, 19<sup>th</sup> October 2021



ing. Ludovít Zeman  
Director of Regional Office Bratislava



B 004018





# Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava, Slovenská republika

## CERTIFICATE no. 2946/1/2021-9

Technická inšpekcia, a. s. issues this certificate according to the EN ISO/IEC 17020

Standard used for testing: API STANDARD 607 SEVENTH EDITION, June 2016

Manufacturer: **DELTA VALVES S.r.l**

Address: Via per Mesero, 6 - 20010 Ossonona (MI) - Italy

### Tested valve:

- Type of valve: Q41F-CL150 NPS2 Ball Valve
- Design standard: API 6D
- Material of body: ASTM A105; Material of Body flange: ASTM A105
- Stem: ASTM A4140+ENP; Ball material : ASTM A105+ENP
- Body & Body flange gasket: SS304+Graphite; Stem Seal: Graphite;
- Seat & Body seal: Graphite;
- Closure bolting: ASTM A193 B7
- Pressure rating/nominal size: Class 150 / NPS 2
- Drawing: 2"Q41F-150Lb-00

### Qualified range:

- Type of valve: Ball Valve
- Design standard: API 6D
- Range of size: NPS 2 and below; 2 1/2; 3; 4 / DN 50 and below; 65; 80; 100
- Range of pressure rating: Class 150; 300
- Body material: Ferritic and/or with better characteristic
- Non-metallic materials: same as tested valve
- Closure bolting material: low alloy, stainless steel, nickel - alloy

Certificate issued on basis: Test report of fire test of valve no. 258272 Rev. 1

Technická inšpekcia, a. s. after assessment of test report and witnessing of fire test

declares, that

**Results and valve meets requirements for fire test according to the standard  
API STANDARD 607 SEVENTH EDITION, June 2016.**

Bratislava, 19<sup>th</sup> October 2021



  
Ing. Ľudovít Zeman  
Director of Regional Office Bratislava



B 004019



# Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava, Slovenská republika

## CERTIFICATE no. 2946/1/2021-10

Technická inšpekcia, a. s. issues this certificate according to the EN ISO/IEC 17020

Standard used for testing: API STANDARD 607 SEVENTH EDITION, June 2016

Manufacturer: **DELTA VALVES S.r.l**

Address: Via per Mesero, 6 - 20010 Ossonona (MI) - Italy

### Tested valve:

- Type of valve: Q41F-CL600 NPS2 Ball Valve
- Design standard: API 6D
- Material of body: ASTM A105; Material of Body flange: ASTM A105
- Stem: ASTM A276 410; Ball material : ASTM A105+Ni60
- Body & Body flange gasket: SS304+Graphite; Stem Seal: Graphite;
- Seat & Body seal: Graphite;
- Closure bolting: ASTM A193 B7
- Pressure rating/nominal size: Class 600 / NPS 2
- Drawing: 2"-Q41F-600lb-00

### Qualified range:

- Type of valve: Ball Valve
- Design standard: API 6D
- Range of size: NPS 2 and below; 2 1/2; 3; 4 / DN 50 and below; 65; 80; 100
- Range of pressure rating: Class 600; 800; 900
- Body material: Ferritic and/or with better characteristic
- Non-metallic materials: same as tested valve
- Closure bolting material: low alloy, stainless steel, nickel - alloy

Certificate issued on basis: Test report of fire test of valve no. 258274 Rev. 1

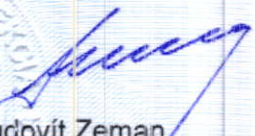
Technická inšpekcia, a. s. after assessment of test report and witnessing of fire test

declares, that

**Results and valve meets requirements for fire test according to the standard  
API STANDARD 607 SEVENTH EDITION, June 2016.**

Bratislava, 19<sup>th</sup> October 2021



  
Ing. Ľudovít Zeman  
Director of Regional Office Bratislava



B 004020



# Technická inšpekcia, a.s.

Trnavská cesta 56, 821 01 Bratislava, Slovenská republika

## CERTIFICATE no. 2946/1/2021-11

**Technická inšpekcia, a. s. issues this certificate according to the EN ISO/IEC 17020**

Standard used for testing: API STANDARD 607 SEVENTH EDITION, June 2016

Manufacturer: **DELTA VALVES S.r.l**

Address: Via per Mesero, 6 - 20010 Ossona (MI) - Italy

### Tested valve:

- Type of valve: Q347F-CL150 NPS4 Ball Valve
- Design standard: API 6D
- Material of body: ASTM A105; Material of Body flange: ASTM A105
- Stem: ASTM A105; Ball material : ASTM A105+Ni60
- Body & Body flange gasket: SS304+Graphite; Stem Seal: Graphite;
- Seat & Body seal: Graphite;
- Closure bolting: ASTM A193 B7
- Pressure rating/nominal size: Class 150 / NPS 4
- Drawing: 4"-Q347F-150Lb-00

### Qualified range:

- Type of valve: Ball Valve
- Design standard: API 6D
- Range of size: NPS 4; 5; 6; 8 / DN 100; 125; 150; 200
- Range of pressure rating: Class 150, 300
- Body material: Ferritic and/or with better characteristic
- Non-metallic materials: same as tested valve
- Closure bolting material: low alloy, stainless steel, nickel - alloy

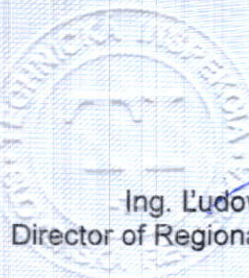
Certificate issued on basis: Test report of fire test of valve no. 258276 Rev. 1


Technická inšpekcia, a. s. after assessment of test report and witnessing of fire test

declares, that

**Results and valve meets requirements for fire test according to the standard  
API STANDARD 607 SEVENTH EDITION, June 2016.**

Bratislava, 19<sup>th</sup> October 2021



  
Ing. Ľudovít Zeman  
Director of Regional Office Bratislava



B 004021