

23 Juni 2015



Inspection Certificate

Project:

Client: **Zwick Armaturen GmbH,
Ennepetal / Germany**Office: **Dortmund**

Client's Order Number:

Date: **23 June 2015**Order Status: **incomplete**

Inspection Dates

First: **17 June 2015**Final: **17 June 2015**

This certificate is issued to **the above client, that a surveyor to Lloyd's Register did, at their request, attend a test laboratory in Herford/Germany, for the purpose of testing and inspecting the product listed below.**

Description: Fire type-testing of Butterfly Valves

Type: TRI-CON Model A1 8" ANSI600
Pressure Rating: Class 600
Nominal Bore: 8"
Manufacturer's Drawing: ZUSA1G551

Body/Bonnet Material: ASTM A216 WCB
Disc Material: ASTM A216 WCB
Stem Material: ASTM A276 Type 431
Sealing Elements: Carbon Fibre / Graphite / ASTM A582 Type 303


Test Requirements: DIN EN ISO 10497:2010-06 and API 607, 6th edition

Qualified Sizes: 8" and above, DN 200 and above
Qualified Pressure Ratings: Class 600, Class 800, Class 900, PN 100 and PN 150

Conclusion: All test results are satisfactory and fulfil the requirements of DIN EN ISO 10497:2010-06 and API 607, 6th edition, in every respect.

For further details please refer the attached test report IBB-1302, dated 17.06.2015.

EN/Fbe



For G. Milke: R. Spriesterbach
Surveyor to Lloyd's Register EMEA

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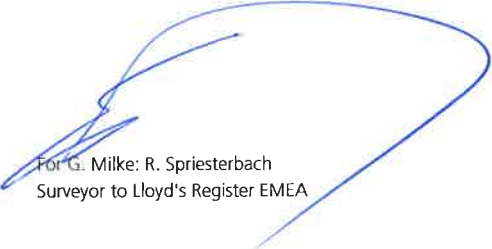
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Description: Fire type-testing of Butterfly Valves

Type: TRI-CON Model A1 8" ANSI150
Pressure Rating: Class 150
Nominal Bore: 8"
Manufacturer's Drawing: ZUSA1G548

Body/Bonnet Material: ASTM A216 WCB
Disc Material: ASTM A216 WCB
Stem Material: ASTM A276 Type 431
Sealing Elements: Carbon Fibre / Graphite / ASTM A582 Type 303


Test Requirements: DIN EN ISO 10497:2010-06 and API 607, 6th edition

Qualified Sizes: 8" and above, DN 200 and above
Qualified Pressure Ratings: Class 150, Class 300, PN 10, PN 16, PN 25 and PN 40

Conclusion: All test results are satisfactory and fulfil the requirements of DIN EN ISO 10497:2010-06 and API 607, 6th edition, in every respect.

For further details please refer the attached test report IBB-1304, dated 17.06.2015.

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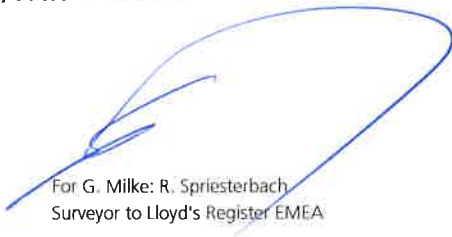
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