



Flame Resistance Test Certificate

Project: --

Client: **Klinger Fluid Control GmbH
Gumpoldskirchen; Austria**

Office: **Hamburg**

Client's Order Number: **xx**

Date: **12 November 2021**

Order Status: **complete**

Inspection Dates

First: **10 November 2021**

Final: **11 November 2021**

This certificate is issued to **the above client to certify that a surveyor to Lloyd's Register did, at their request, attend their contract laboratory for the purpose of inspecting and witnessing tests on the product described below.**

Descriptions: Ball Valve KHA DN50 PN40
Ball Valve KHA DN65 PN40

Sizes: DN50 (2"), DN65 (2 1/2")

Types: KHA DN50 (2") PN40 Class300
KHA DN65 (2 1/2") PN40 Class300

Test requirements: DIN EN ISO 10497:2010-06; API 607:7th edition

Body materials: 1.4408, 1.0619
Stem Materials: 1.4404, 1.4104
Ball Materials: 1.4408/1.4404, V4A
Ball Seal Materials: KFC-25

Drawing nos.: DN65: wSK5266_A.0 (02.08.2021)
DN50: wSK5265_A.0 (02.08.2021)

Qualified sizes: DN50 (2") and below, DN65 (2 1/2"), DN80 (3"), DN100 (4"), DN125 (5")

Qualified pressure ratings: Class 300, Class 400, Class 600; PN40, PN63 and PN100

Test procedure and results: as per test report IBB-2542, IBB_2546 dated 10.11.2021 and IBB_2550 dated 11.11.2021

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Following examinations were carried out with satisfactory results in accordance with the above listed order number and specifications:

- Reviewed test specification and accepted test facilities.
- Verified selected valves against drawing and visual inspection to compliance to above stated types.
- Checked calibration status of used test gauges.
- Witnessed flame-resistance test, results acceptable.
- Reviewed and endorsed documentation.

For further details please refer to above mentioned documentation by Dr.-Ing. T. Bäumer GmbH, Herford / Germany.

INSP/MM



Maik Mielke
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Surveyor
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LR032.2016.09