



## 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: **25 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.**

<b>Descriptions:</b>	<b>2x Ball Valve KHA DN50 PN40 1x Ball Valve KHA DN65 PN40</b>
<b>Sizes:</b>	<b>DN50 (2"), DN65 (2 1/2")</b>
<b>Types:</b>	<b>KHA DN50 (2") PN40 Class300 KHA DN65 (2 1/2") PN40 Class300</b>
<b>Test requirements:</b>	<b>DIN EN ISO 10497:2010-06; API 607:7<sup>th</sup> edition</b>
<b>Body materials:</b>	<b>KHA-DN50 - KHA-DN65 - KHA-DN50 1.4408 - 1.0619 - 1.0619</b>
<b>Stem Materials:</b>	<b>1.4404 - 1.4104 - 1.4104</b>
<b>Ball Materials:</b>	<b>1.4408/1.4404 - V4A - V4A</b>
<b>Ball Seal Materials:</b>	<b>KFC-25 - KFC-25 - KFC-25</b>
<b>Drawing nos.:</b>	<b>DN65: wSK5266_B.0 (02.08.2021) DN50: wSK5265_B.0 (02.08.2021)</b>
<b>Qualified sizes:</b>	<b>DN50 (2") and below, DN65 (2 1/2"), DN80 (3"), DN100 (4"), DN125 (5")</b>
<b>Qualified pressure ratings:</b>	<b>Class 300, Class 400, Class 600; PN40, PN63 and PN100</b>
<b>Test procedure and results:</b>	<b>as per test report IBB-2552 11.11.2021, IBB_2544 dated 10.11.2021 and IBB-2566 dated 25.11.2021</b>

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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.



Maik Mielke

M. Mielke  
Inspection Services  
Hamburg Office  
Surveyor

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