

LESER CERTIFICATE FOR GLOBAL APPLICATION

Inspection certificate 3.1 according to DIN EN 10204

LESER GmbH & Co. KG - Postfach 26 16 51 - 20506 Hamburg - Germany

Firma
HESCH Industrietechnik GmbH
Postfach 17 55
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Deutschland

Customers Order No.:	190847
LESER-Job-No.:	20415326 / 20
LESER-Customers-No.:	111733
LESER-Contact:	Florian Schmidt
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1 Test object

Best Availability Change-over valve, Type 330,
Compact

Art.-No.	Option Code:	Q42Q43H03P2AQ44Q53Q54Q55Y63Y64Q2OQ5UQ2DQ3DQ3FQ01Q09Q12Q15Q18 Q22Q21Q4DQ1NQ27Q28Q31Q32Q33...						
3300.0120	Futher SV-Info:							
Tag-No.:	LESER-Job-No.	Pos.No.	Serial-No.:	Body material	Nominal size:		Pressure rating:	
					Pipeline side	Safety Valve side	Pipeline side	Safety Valve side
	20415326	20	11589155	1.0619/ WCB/ WCC	DN 100	DN 100	PN 40	PN 40

2 Material suitability and marking

2.1 LESER certifies that the suitability of the materials used complies with the applicable regulations.

2.2 The marking of the materials and their transfer were as follows:

Pos	Description	Material	Manufacturer	Manufacturer Batch	LESER-Batch
1	Inlet body COV	1.0619/SA-216 WCB/WCC	Anugraha	CD9967	
2	Body	1.0619/SA-216 WCB/WCC	Anugraha	BD4702	
3	Elbow	1.0619/SA-216 WCB/WCC	Anugraha	BD4647	
4	Elbow	1.0619/SA-216 WCB/WCC	Anugraha	BD4352	

3 Test certification

The tests listed here were carried out on the basis of LESER standards and without complaint:

3.1 Seat tightness according DIN EN ISO 12266-1, API 598

- Applied LESER test specification:	LDeS 0201.05
- Acceptance criteria:	0 Bubbles / Min.
- Test result pull side:	0 Bubbles / Min.
- Test result push side:	0 Bubbles / Min.

3.2 Shell tightness according DIN EN ISO 1266-1, API 598

- Applied LESER test specification:	LDeS 0201.05
- Acceptance criteria:	Visually detectable leakage from any external of the shell is not permitted
- Test result:	OK

3.3 Function test according DIN EN ISO 12266-1

- Applied LESER test specification:	LGS 0217
- Acceptance criteria:	Full Switchover is possible
- Test result:	OK

3.4 Visual check according DIN EN 13018, ASME Code Section V, Article 9

- Applied LESER test specification:	LGS 0218
- Acceptance criteria:	Components comply with specification
- Test result:	OK

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3.5 Hydrostatic testing according DIN EN ISO 12266-1, ASME B16.34

- Applied LESER test specification:	LGS 0209
- Acceptance criteria:	Visually detectable leakage from any external of the shell is not permitted
- Test pressure:	78 barg
- Test time:	60 seconds
- Test result:	OK

Setting and testing were done by: LESER GmbH & Co. KG

Joerg Kuczera

Inspection Representative, according EN 10204

This certification is written digitally and requires
no handwritten signature.(Acc. to EN 10204, chapter 5)

Hohenwestedt, 22.08.2019