

VALSTEAM ADCA ENGINEERING S.A.

Zona Ind. da Guia Pav.14 - Brejo
3105-467 GUIA PB
PORTUGAL

Tel.: 00351 – 236 959 060

Fax.: 00351 – 236 952 950

E-mail: adca@valsteam.pt

Home Page: http://www.valsteam.com



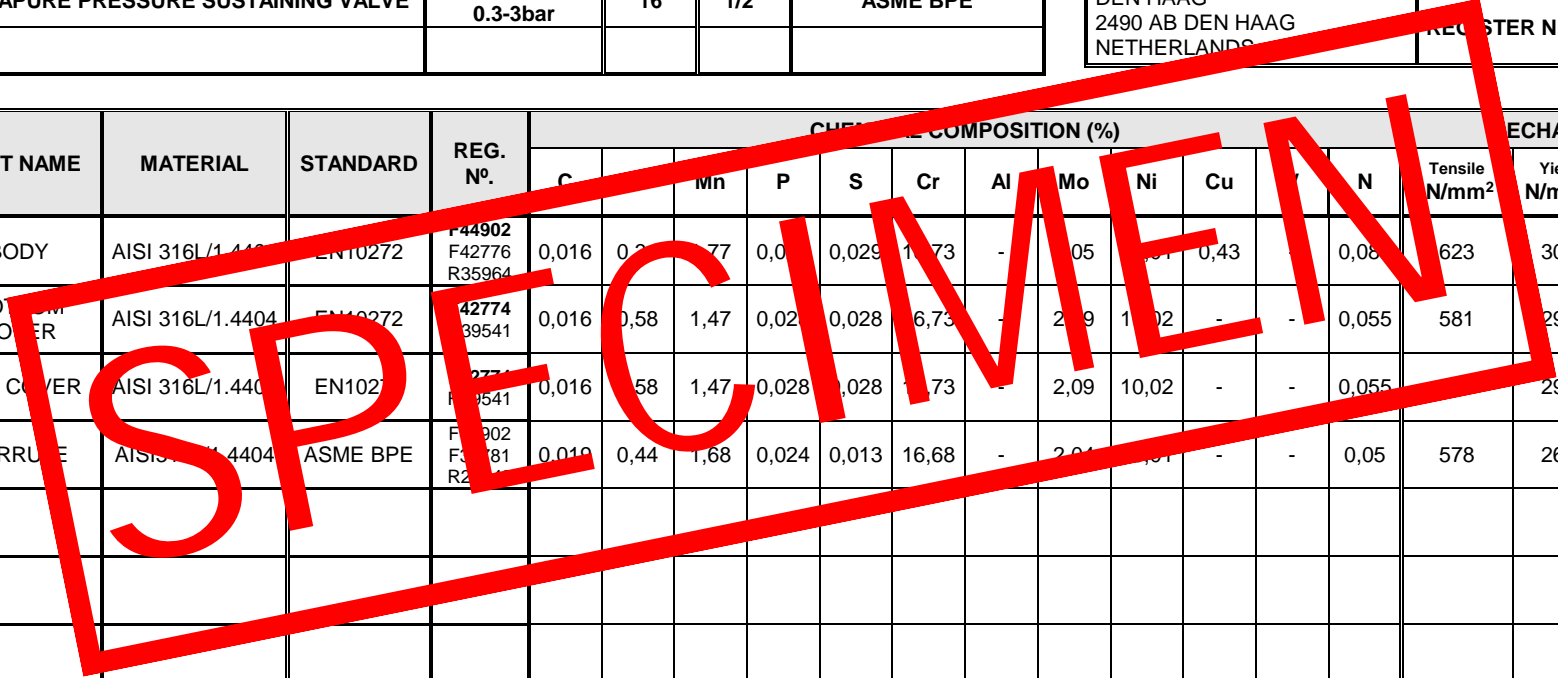
SPECIFIC INSPECTION CERTIFICATE Nr. 3562

CHEMICAL COMPOSITION

EQUIPMENT SUPPLIED						
ITEM	QTY.	DESCRIPTION	MODEL	PN	DN	CONNECTIONS
01	01	ADCAPURE PRESSURE SUSTAINING VALVE	PS-130 0.3-3bar	16	1/2"	ASME BPE

BUYER:	PURCHASE ORDER Nr.	00010613
ROMYNOX BV POST BUS 24069 DEN HAAG 2490 AB DEN HAAG NETHERLANDS	INTERNAL REFERENCE	VE.64120
	REGISTER Nr.	ITEM01:109580/22

ITEM	QTY.	PART NAME	MATERIAL	STANDARD	REG. Nº.	CHEMICAL COMPOSITION (%)											MECHANICAL TESTS			
						C	Mn	P	S	Cr	Al	Mo	Ni	Cu	N	Tensile N/mm ²	Yield N/mm ²	Elong. %	R. of area %	
01	01	BODY	AISI 316L/1.4404	EN10272	F44902 F42776 R35964	0,016	0,22	0,0077	0,029	16,73	-	2,05	10,02	0,43	-	0,08	623	302	57,1	76,2
01	01	BOTTOM COVER	AISI 316L/1.4404	EN10272	F42774 R39541	0,016	0,58	1,47	0,028	16,73	-	2,09	10,02	-	-	0,055	581	292	52	71
01	01	TOP COVER	AISI 316L/1.4404	EN10272	F42774 R39541	0,016	0,58	1,47	0,028	16,73	-	2,09	10,02	-	-	0,055	581	292	52	71
01	02	FERRULE	AISI 316L/1.4404	ASME BPE	F44902 F39581 R21111	0,019	0,44	1,68	0,024	0,013	16,68	-	2,04	10,01	-	0,05	578	263	61	74



The sub suppliers' EN 10204 3.1 certificates certified the above entries

OBSERVATIONS	QUALITY CONTROL
	Works Inspector Daniel Gregório
The register number in bolt correspond to heat number marked on the equipment Intergranular Corrosion test according to ASTM A-262 PRACTICE E	 Date 03 / 08 / 2022
IDENTIFICATION MARKS:	

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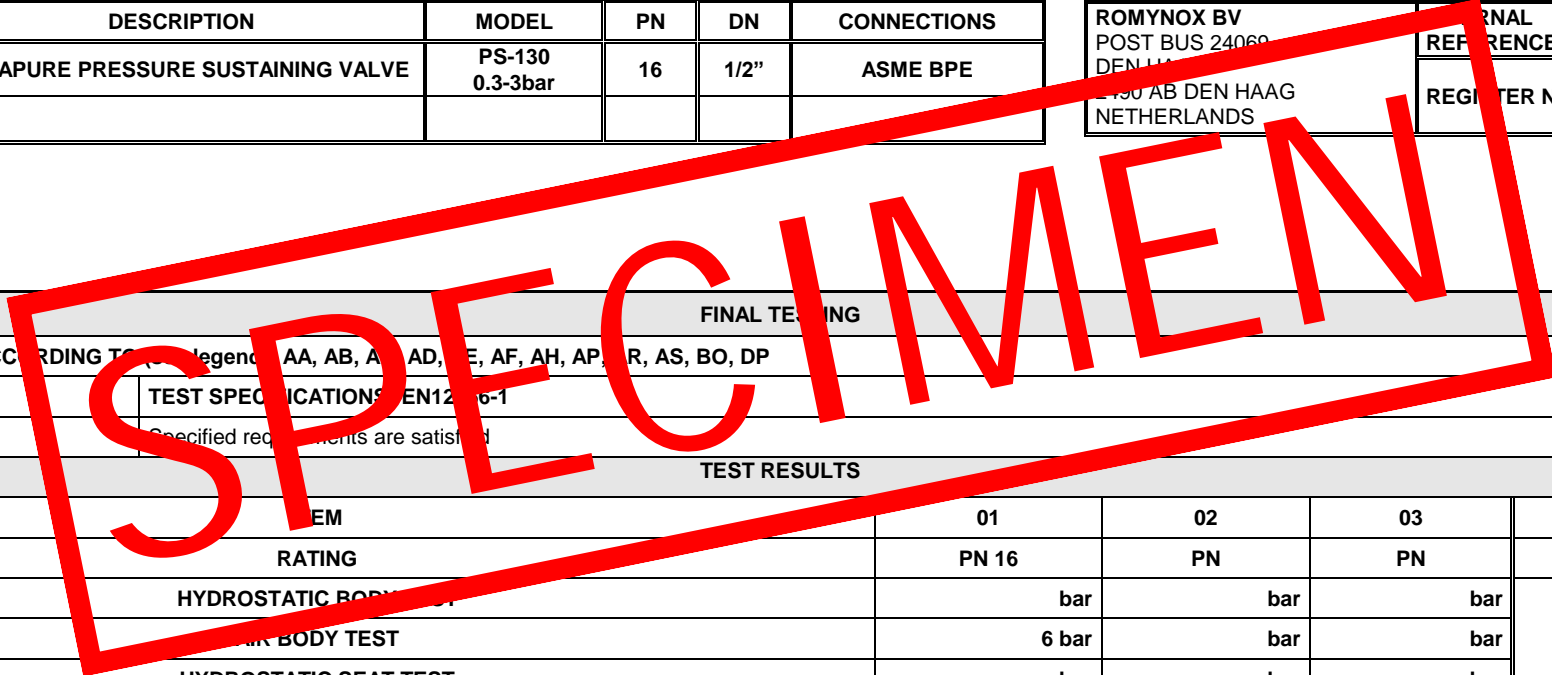


SPECIFIC INSPECTION CERTIFICATE Nr. 3562

FINAL TESTING

EQUIPMENT SUPPLIED						
ITEM	QTY.	DESCRIPTION	MODEL	PN	DN	CONNECTIONS
01	01	ADCAPURE PRESSURE SUSTAINING VALVE	PS-130 0.3-3bar	16	1/2"	ASME BPE

BUYER:	PURCHASE ORDER Nr.	00010613
ROMYNOX BV POST BUS 24060 DEN HAAG	INTERNAL REFERENCE	VE.64120
1300 AB DEN HAAG NETHERLANDS	REGISTER Nr.	ITEM01:109580/22



FINAL TESTING				
TEST PROCEDURE ACCORDING TO (Legend AA, AB, AD, AE, AF, AH, AP, AR, AS, BO, DP)				
FURTHER TESTS: TEST SPECIFICATIONS EN12266-1				
RESULT OF TESTS: Specified requirements are satisfied				
TEST RESULTS				
ITEM	01	02	03	Quality Control
RATING	PN 16	PN	PN	Works Inspector
HYDROSTATIC BODY TEST	bar	bar	bar	Daniel Gregório
AIR BODY TEST	6 bar	bar	bar	 Date 03 / 08 / 2022
HYDROSTATIC SEAT TEST	bar	bar	bar	
AIR SEAT TEST	6 bar	bar	bar	

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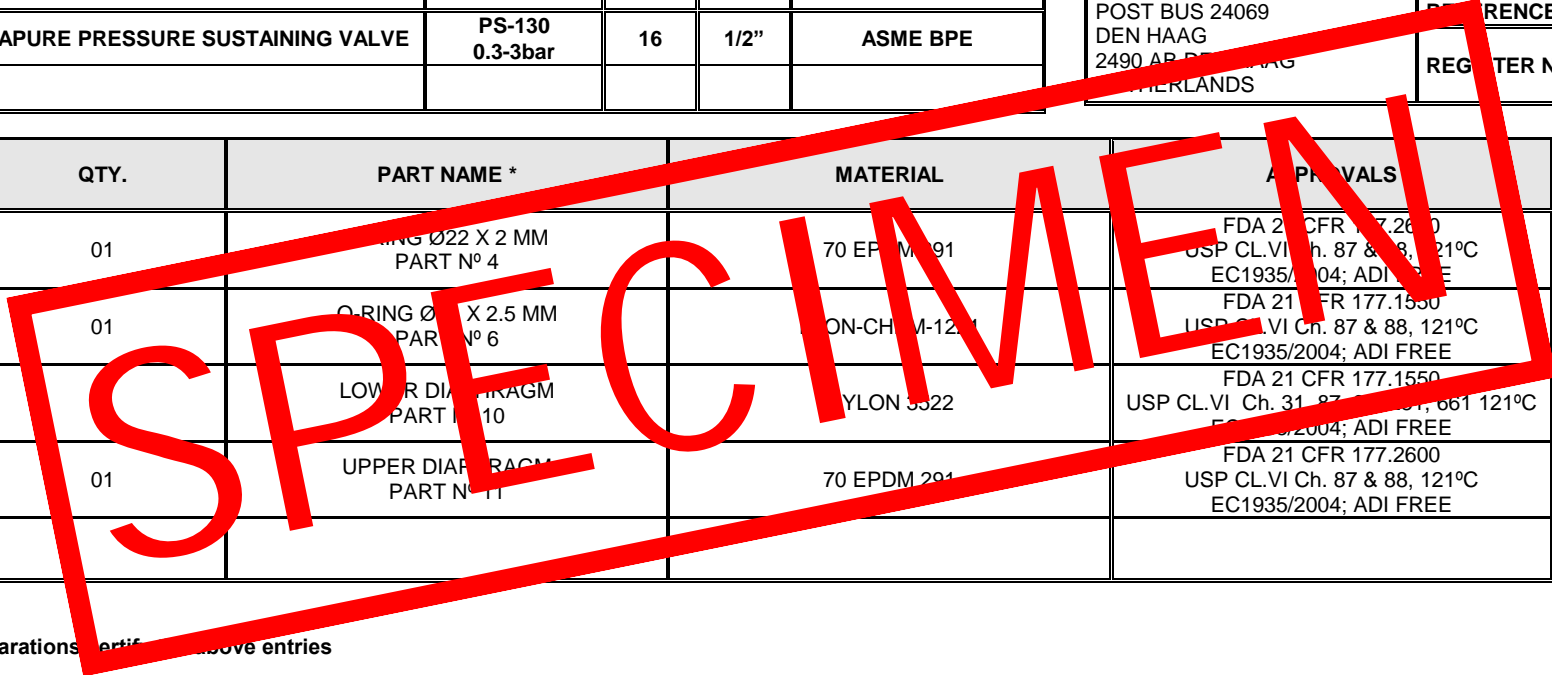
SPECIFIC INSPECTION CERTIFICATE Nr. 3562

ELASTOMERS

EQUIPMENT SUPPLIED						
ITEM	QTY.	DESCRIPTION	MODEL	PN	DN	CONNECTIONS
01	01	ADCAPURE PRESSURE SUSTAINING VALVE	PS-130 0.3-3bar	16	1/2"	ASME BPE

BUYER:	PURCHASE ORDER Nr.	00010613
ROMYNOX BV POST BUS 24069 DEN HAAG 2490 AB, DEN HAAG NETHERLANDS	INTERNAL REFERENCE	VE.64120
	REGISTER Nr.	ITEM01:109580/22

ITEM	QTY.	PART NAME *	MATERIAL	APPROVALS	REG. Nº.
01	01	SPRING Ø22 X 2 MM PART Nº 4	70 EPDM 291	FDA 21 CFR 177.2600 USP CL.VI Ch. 87 & 88, 121°C EC1935/2004; ADI FREE	R37430
01	01	O-RING Ø 12 X 2.5 MM PART Nº 6	EPDM-CH M-12	FDA 21 CFR 177.1550 USP CL.VI Ch. 87 & 88, 121°C EC1935/2004; ADI FREE	R38612
01	01	LOWER DIAPHRAGM PART Nº 10	NYLON 5322	FDA 21 CFR 177.1550 USP CL.VI Ch. 31, 87 & 88, 661 121°C EC1935/2004; ADI FREE	R39725
01	01	UPPER DIAPHRAGM PART Nº 11	70 EPDM 291	FDA 21 CFR 177.2600 USP CL.VI Ch. 87 & 88, 121°C EC1935/2004; ADI FREE	R39979



The sub suppliers' declarations certify the above entries

OBSERVATIONS	QUALITY CONTROL
	Works Inspector
We hereby certify that the supplies detailed hereon are in accordance with the requirements of the above purchase order and unless otherwise stated, conform in all aspects to the agreed material specifications detailed above.	Daniel Gregório
* Position Number and designation in accordance to drawing found in IMI (Installation and Maintenance Instructions) of equipment supplied. The sub suppliers' certificates certified the above entries.	 Date 03 / 08 / 2022

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ADCAPure

SPECIFIC INSPECTION CERTIFICATE Nr. 3562

POLISH FINISHING

EQUIPMENT SUPPLIED						
ITEM	QTY.	DESCRIPTION	MODEL	PN	DN	CONNECTIONS
01	01	ADCAPURE PRESSURE SUSTAINING VALVE	PS-130 0.3-3bar	16	1/2"	ASME BPE

BUYER:	PURCHASE ORDER Nr.	00010613
ROMYNOX BV POST BUS 24069 DEN HAAG 2490 AB DEN HAAG NETHERLANDS	INTERNAL REFERENCE	VE.64120
	REGISTER Nr.	ITEM01:109580/22

ITEM	QTY.	PART NAME	MATERIAL	STANDARD	DEPTH OF ROUGHNESS	
					External surface Ra max µm	Internal surface Ra max µm
01	01	BODY	AISI 316L/1.4404	EN10272	<0,7	<0,5
01	01	TOP COVER	AISI 316L/1.4404	EN10272	<0,7	<0,5
01	01	INLET FERRULE	AISI316L/1.4404	ASME BPE	<0,7	<0,5
01	01	OUTLET FERRULE	AISI 316L/1.4404	ASME BPE	<0,7	<0,5

SPECIMEN

QUALITY CONTROL		
INSPECTION		RESULTS
CONTROL OF DIMENSIONS		SATISFACTORY
VISUAL INSPECTION		SATISFACTORY
OBSERVATIONS	MECHANICAL FINISHING	

Works Inspector
Daniel Gregório

VALSTEAM ENGINEERING S.A.
PORTUGAL
Date 03 / 08 / 2022

1. TECHNICAL DELIVERY CONDITIONS FOR VALVES

SYMBOL	TESTINGS / PROCEDURE
A	Visual inspection tests:
AA	Checking of order specifications
AB	Inspection of type and fittings
AC	Inspection of marking
AD	Dimensional check
AE	Surface inspection
AF	Inspection of connecting surfaces
AH	Spectometric inspection
AP	Visual inspection
AR	Checking of material records
AS	Visual welding inspection
B	Leak and sealing tests:
BO	Leak test on the closure with air - 6 bar - according to EN 12266-1 / EN 26948
BN	Leak test on the closure with water - 10 x PN - according to EN 12266-1
BP	Leak test in packaged assemblies
C	Non-destructive materials testing
CA	X-ray testing
CC	Crack testing using dye penetration method
D	Strength tests:
FD	Leak test on the housing with water - 10 x PN - according to EN12266-1
DP	Air body test - 6bar
DH	Hydrostatic body test according to PED
E	Calibrations:
EV	Safety valve calibration
F	Functional tests
FF	Testing of operational functioning

SPECIMEN