

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>**ADCA**Pure**SPECIFIC INSPECTION CERTIFICATE Nr.**

EQUIPMENT SUPPLIED						
ITEM	QTY.	DESCRIPTION	MODEL	PN	DN	CONNECTIONS
01	01	ADCAPURE PRESSURE REDUCING VALVE	P-161 1-3bar	16	15	DIN32676-A

BUYER:	PURCHASE ORDER Nr.	
	INTERNAL REFERENCE	
	REGISTER Nr.	ITEM01:

FINAL TESTING				
TEST PROCEDURE ACCORDING TO (see legend): AA, AB, AC, AD, AE, AF, AH, AP, AR, AS, BI, DP				
FURTHER TESTS:	TEST SPECIFICATIONS: IEC 60534-4			
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	Date
AIR BODY TEST	6 bar	bar	bar	
HYDROSTATIC SEAT TEST	bar	bar	bar	
AIR SEAT TEST	3,5 bar	bar	bar	

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SPECIFIC INSPECTION CERTIFICATE Nr.

ELASTOMERS

EQUIPMENT SUPPLIED						
ITEM	QTY.	DESCRIPTION	MODEL	PN	DN	CONNECTIONS
01	01	ADCAPURE PRESSURE REDUCING VALVE	P-161 1-3bar	16	15	DIN32676-A

BUYER:	PURCHASE ORDER Nr.	
	INTERNAL REFERENCE	
	REGISTER Nr.	ITEM01:

ITEM	QTY.	PART NAME *	MATERIAL	APPROVALS	REG. Nº.
01	01	O-RING Ø 9 X 2,5 MM PART Nº 5	70 EPDM 291	FDA 21 CFR 177.2600 USP Ch. 381 USP CL.VI Ch. 87, 37°C & Ch. 88, 121°C EC1935/2004; ADI FREE	
01	01	UPPER DIAPHRAGM PART Nº 7	70 EPDM 291	FDA 21 CFR 177.2600 USP Ch. 381 USP CL.VI Ch. 87, 37°C & Ch. 88, 121°C EC1935/2004; ADI FREE	
01	01	LOWER DIAPHRAGM PART Nº 8	GYLON 3522	FDA 21CFR177.1550 USP Ch. 31, 281 & 661 USP CL.VI Ch.87 & 88, 121°C EC1935/2004; ADI FREE	
01	01	O-RING Ø 6 X 1,5 MM PART Nº 10	70 EPDM 291	FDA 21 CFR 177.2600 USP Ch. 381 USP CL.VI Ch. 87, 37°C & Ch. 88, 121°C EC1935/2004; ADI FREE	

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.	
* 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

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ADCAPure

SPECIFIC INSPECTION CERTIFICATE Nr.

EQUIPMENT SUPPLIED						
ITEM	QTY.	DESCRIPTION	MODEL	PN	DN	CONNECTIONS
01	01	ADCAPURE PRESSURE REDUCING VALVE	P-161 1-3bar	16	15	DIN32676-A

BUYER:	PURCHASE ORDER Nr.	
	INTERNAL REFERENCE	
	REGISTER Nr.	ITEM01:

ITEM	QTY.	PART NAME	MATERIAL	STANDARD	DEPTH of ROUGHNESS	
					External surface Ra max µm	Internal surface Ra max µm
01	01	BODY	AISI316L/1.4404	EN10272	<0,7	<0,5
01	01	VALVE PLUG	AISI316L/1.4404	EN10272	<0,5	-
01	01	VALVE STEM	AISI316L/1.4404	EN10272	<0,5	-

QUALITY CONTROL		
INSPECTION		RESULTS
CONTROL OF DIMENSIONS		SATISFACTORY
VISUAL INSPECTION		SATISFACTORY
OBSERVATIONS	MECHANICAL FINISHING	
		<i>Date</i>

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:
BN	Leak test on the closure with water - 1.1 x PN – according to EN 12266-1
BO	Leak test on the closure with air – 6bar – according to EN 12266-1
BI	Leak test on the closure with air – 3.5bar – according to IEC 60534-4
BP	Leak test in packaged assemblies
C	Non-destructive materials testing
CA	X-ray testing
CC	Crack testing using dye penetration method
D	Strenght test:
BQ	Leak test on the housing with water - 1.5 x PN – according to EN 12266-1 / ISO 5117
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