



Material & Test Certificates Valves

Client : Lurgi Oel und Gas Chemie GmbH
Lurgi-Order-No. : 4569241
Siekmann-Order-No.: 8035640

CERTIFICATE-NO.: 10-1

Lurgi-Item-No.	Lurgi-I.D.	Quantity	Page	Remarks
10	S650	5		

Date 31.03.2005
Siekmann Econosto GmbH & Co. KG



QM Meinold Oestreich

If you need any Spare Parts or
technical support please contact:

Siekmann Econosto GmbH & Co. KG
P.O. Box 150440, D-44344 Dortmund
Freigrafenweg 2, D-44357 Dortmund
Germany

Tel.: 0049 - 231 937 50
Fax : 0049 - 231 937 5188
E-mail: info@siekmann-econosto.de
Web: www.siekmann-econosto.de

[illegible]



Material & Test Certificates Valves

Client : Lurgi AG
Lurgi-Order-No. : 4569241-002/1.69690/145
Siekmann-Order-No. : 8037894

CERTIFICATE-NO.: 20-2

Lurgi item-No.	Ident-No.	Quantity	Page	Remarks
00020	S 675	1	2-6	

Date 06.12.05
Siekmann Econosto GmbH & Co. KG



QM Meinold Oestreich

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P.O. Box 150440, D-44344 Dortmund
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[illegible]

[illegible]

 B.F.E. S.P.A. S.p.A. Legale Sede Legale 30100 Montebelluna (TV)				TEST CERTIFICATE (DECLARATION OF CONFORMITY)		NUMBER: 5506/05 REVISION: REV.01 CUSTOMER: R P VALVE & GASKET SUPPLY CO. FRED DANNATT ROAD, MILDENHALL, SUFFOLK, IP28 7RD TEL: (0)1638 711311 FAX: (0)1638 711444		Page 4 of 6 CODE: 3522	
YOUR PURCHASE ORDER N. 2033		DATE 26/05/2005		X PARTIAL ORDER BALANCE ORDER		X API 598 BS 6755 X EN 10204-3.1B			
REMARKS: 050926		MATERIAL TESTED		CHEMICAL ANALYSIS		BS 6755			
ITEM	QTY	PART N.	DESCRIPTION	PSI	TEST	BAR	COMPONENT	HEAT CODE MATERIAL	HEAT NR SUPPLIER
				X	HYDROSTATIC	SEATS & SEATS			
					SEATS & SEATS	BACK SEAT			
							ASTM A183-04 MIN.	BTM	MAX.
							MIN.		
							MAX.		
							ASTM A183 B8M MIN.		
							MAX.		
							MIN.		
							MAX.		
							ASTM A182 F321-H MIN.		
							MAX.		
							MIN.		
							MAX.		

VISUAL DIMENSIONAL EXAMINATION HAS BEEN CARRIED OUT WITH SATISFACTORY RESULT.		TEST RESULT hydrostatic and pneumatic test: SATISFACTORY		date third authority date		client Inspector date		INSPECTION DEPT. BONNEY POWER date 03/11/05	
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 B.F.E. S.P.A. Sema Legale Bonmety Forgas Value License				TEST CERTIFICATE (DECLARATION OF CONFORMITY)										Page 5 of 6																	
HEAD OFFICE: FORGED VALVE PLANT 13, VIA S. GIUSEPPE 115 - 10126 ROMA (RM) Tel. 06/5201111 - Fax 06/5201112		Sema Legale Bonmety Forgas Value License		CUSTOMER R P VALVE & GASKET SUPPLY CO. FRED DANNATT ROAD, MILDENHALL, SUFFOLK, IP28 7RD TEL (0)1638 711311 FAX: (0)1638 711444										CODE 3522																	
YOUR PURCHASE ORDER N. 2033		DATE 26/05/2005		X PARTIAL ORDER BALANCE ORDER		X API 598 BS 6755 X EN 10204 3.1B										X EN 10204 3.1B															
REMARKS: 050926		MATERIAL TESTED		PSI X		TEST BAR		COMPONENT HEAT CODE MATERIAL HEAT NR SUPPLIER		TENSILE YIELD N/mm2										ELONGATION %		RED. OF AREA %		IMPACT TEST 1 JOULE 2 JOULE 3 JOULE		TEMPERATURE °C		HARDNESS HB		C.E.	
QTY PART N. DESCRIPTION		HYDROSTATIC SEATS & SEATS BACK SEAT		PNEUM SEATS & SEATS BACK SEAT		PNEUM SEATS & SEATS BACK SEAT		PNEUM SEATS & SEATS BACK SEAT		PNEUM SEATS & SEATS BACK SEAT		PNEUM SEATS & SEATS BACK SEAT		PNEUM SEATS & SEATS BACK SEAT		PNEUM SEATS & SEATS BACK SEAT		PNEUM SEATS & SEATS BACK SEAT		PNEUM SEATS & SEATS BACK SEAT		PNEUM SEATS & SEATS BACK SEAT		PNEUM SEATS & SEATS BACK SEAT		PNEUM SEATS & SEATS BACK SEAT					
- TRIM MATERIAL (WEDGE-SEAT-STEM) AND BOLTING ARE ACCORDING TO THE P.Q. AND MATERIAL SPECIFICA- TIONS.		- VALVES MATERIALS ACCORDING TO NACE MR.0175 ED. 2002, NACE MR0103.		- F321-H MATERIAL HAS BEEN SOLUTION ANNEALED AND STABILIZED ACC. TO ASTM A182: SOLUBILIZATION AT 1085°C MIN. 1 HOUR/INCH FOLLOWED BY W. QUENCH STABILIZATION AT 815-870° C COOLING IN AIR.		- A105 MATERIAL HAS BEEN NORMALIZED ACCORDING TO ASTM A105 SPECIFICATIONS: TEMP. 900°C AND COOLING IN STILL AIR.		DECLARATION OF CONFORMITY ACCORDING TO ART.VIII OF DIRECTIVE 94/8/EC (ATEX), HEREBY DECLARE THAT THE PRODUCT DETAILED ABOVE ARE MANUFACTURED AND EVALUATED IN COMPLIANCE WITH THE DIRECTIVE 94/8/EC GROUP II CATEGORY 2G. REF. TECHNICAL FILE 0001 STORED BY DET NORSE VERITAS (COD.0575)OF VERITASVEIEN 1, 1322 HOVIK, NORWAY		EC DECLARATION OF CONFORMITY B.F.E. SPA VIA TONALE 70/A, ALBANO S.A.(BG) ITALY		TEST RESULT hydrostatic and pneumatic test: SATISFACTORY		date authority third client inspector date		date															

 B.F.E. S.P.A. BONNET FORGE VALVE LICENSÉE		 50 1950 - 2000		TEST CERTIFICATE (DECLARATION OF CONFORMITY)										NUMBER: 6886/05 REVISION: REV.01 CUSTOMER: R.P. VALVE & GASKET SUPPLY CO. FRED DANNATT ROAD, MILDENHALL, SUFFOLK, IP28 7RD TEL: (0)1638 711311 FAX: (0)1638 711444		Page 6 of 6 CODE: 3522			
YOUR PURCHASE ORDER N°: 2033 Date: 05/09/26		DATE: 28/05/2005		X PARTIAL ORDER BALANCE ORDER												X API 598 BS 6755 X EN 10204 3.1B			
MATERIAL TESTED		TEST		PSI X		BAR X		COMPONENT HEAT CODE MATERIAL HEAT NR SUPPLIER											
QTY PART N° DESCRIPTION		HYDROSTATIC SHELL		SEATS & SEATS BACK SEAT		PNEDM SEATS		HEAT CODE MATERIAL HEAT NR SUPPLIER											
DECLARE THAT UNDER OUR SOLE RESPONSIBILITY THAT THE PRODUCTS DETAILED ABOVE HAS BEEN MANUFACTU- RED ACCORDING TO SOUND ENGINEERING PRACTICE IN AN ENVIRONMENT ASSESSED AND CERTIFIED TO MODULE H OF THE PRESSURE EQUIPMENT DIRECTIVE 97/23/CE, AND MEETS THE REQUIREMENTS OF THE PED ACCORDING TO ARTICLE 3 PARAGRAPH 3.		SIGNED: <i>[Signature]</i> PRINT NAME : M. SARTORI TITLE : GENERAL MANAGER		PSI X		BAR X		COMPONENT HEAT CODE MATERIAL HEAT NR SUPPLIER											
TEST RESULT hydrostatic and pneumatic test: SATISFACTORY		date		third authority		date		client inspector		date		INSTRUCTION DEPT. BONNET FORGE QUALITY CONTROL		date 03/11/05					



Material & Test Certificates Valves

Client : Lurgi AG
Lurgi-Order-No. : 4569241-002/1.69690/145
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CERTIFICATE-NO.: 30-2

Lurgi item-No.	Ident-No.	Quantity	Page	Remarks
00030	S 675	1	2-10	

Date 06.12.05
Siekmann Econosto GmbH & Co. KG



QM Meinold Oestreich

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Web: www.siekmann-econosto.de

TEST CERTIFICATE (DECLARATION OF CONFORMITY)

N. 0206/02 REV.01
CUSTOMER

PAGE 14 OF 21
CODE 3522

R.P. VALVE & GASKET SUPPLY CO.
HOLBORN AVENUE, MILDENHALL,
SUFFOLK, IP28 7AN
TEL: (0)1638 711311 FAX: (0)1638 711444

BS 6755
API 598
EN 10204 J 1 B

DATE 16.07.01
PARTIAL ORDER
BALANCE ORDER

SEDE LEGALE
VIA A. VOLTA, n°4
39100 BOLZANO (ITALY)

CAST STEEL VALVE PLANT
S.S. 11 Via D'Amo 31/33 - 36077 Allevole Vicentina (VI)
Phone 0444 340 330
Fax 0444 340 330

HEAD OFFICE - FORGED VALVE PLANT
Via Tonale 70/A - 24061 Albino S. Alessandro (BG) Italy
Phone 035 584 111 (10 lines t.e.)
Telex 035 584 0002

B.F.E. S.p.A.
BONNEY FORGE
VALVE LICENSEE

YOUR PURCHASE ORDER NO.

7542

OUR JOB NO.

011051

REMARKS

MATERIAL TESTED

QTY PART N DESCRIPTION

TEST
HYDROSTATIC
SHELL SEATS
BAR PNEUM.
SEATS

COMPONENT
HEAT CODE/MATERIAL
HEAT NR./SUPPLIER

CHEMICAL ANALYSIS

MECHANICAL PROPERTIES

TENSILE YIELD ELONGATION OF AREA IMPACT TEST TEST TEMP HARDNESS C.E.

C MN SI P S CR NI NB+TA

0,050 1,480 0,480 0,028 0,028 17,340 9,000 0,570

641,00 345,00 55,00 67,00 67,00 224,00

C MN SI P S CR NI NB+TA

0,050 1,480 0,480 0,028 0,028 17,340 9,000 0,570

641,00 345,00 55,00 67,00 67,00 218,00

C MN SI P S CR NI MO N

0,022 1,560 0,350 0,025 0,003 17,000 10,900 2,000 0,020

644,00 395,00 48,00 69,50 69,50 209,00

C MN SI P S CR NI NB+TA

0,060 1,460 0,530 0,035 0,028 17,240 9,000 0,730

599,00 271,00 47,10 51,20 51,20 168,00

C MN SI P S CR NI NB+TA

0,040 1,450 0,520 0,031 0,022 17,400 9,200 0,530

627,00 330,00 46,00 61,00 61,00 170,00

C MN SI P S CR NI NB+TA

0,050 1,480 0,480 0,028 0,026 17,340 9,000 0,570

641,00 345,00 55,00 67,00 67,00 169,00

C MN SI P S CR NI NB+TA

0,050 1,480 0,480 0,028 0,026 17,340 9,000 0,570

641,00 345,00 55,00 67,00 67,00 225,00

C MN SI P S CR NI NB+TA

0,050 1,480 0,480 0,028 0,026 17,340 9,000 0,570

641,00 345,00 55,00 67,00 67,00 217,00

C MN SI P S CR NI MO N

0,022 1,560 0,350 0,025 0,003 17,000 10,900 2,000 0,020

644,00 395,00 48,00 69,50 69,50 209,00

C MN SI P S CR NI TI

0,025 1,500 0,580 0,026 0,021 17,400 9,000 0,200

554,00 285,00 54,00 63,00 63,00 171,00

DATE

CLIENT INSPECTOR

DATE

INSPECTION DEPT

B.F.E. S.p.A.

BONNEY FORGE VALVE LICENSEE

FEB 04, 2002

E. AZZOLA

THIRD AUTHORITY

TEST RESULT

SATISFACTORY

HYDROSTATIC AND
PNEUMATIC TEST

REVIEWED/VERIFIED COPY
901061801
R.P.V. GROUP 5

10 176168

GATE VALVE OS&Y BB RB

9HL 1058/F NPT

184

105.8

183

1 176166

GATE VALVE OS&Y BB RB FLG

L1 103B SM.F RF SM.F

1/2" F847/F347 - NACE 150 LBS

STELLITE 6 SEAT + WEDGE

BS5352

TEST CERTIFICATE (DECLARATION OF CONFORMITY)

N. 0206/02 REV.01
PAGE 15 OF 21
CUSTOMER CODE 3522

R P VALVE & GASKET SUPPLY CO.
HOLBORN AVENUE, MILDENHALL,
SUFFOLK, IP28 7AN
TEL: (0)1638 711311 FAX: (0)1638 711444

X API 598
BS 5755
EN 10204 3.1 B

DATE 16.07.01
X PARTIAL ORDER
BALANCE ORDER

SEDE LEGALE
VIA A. VOLTA, n° 4
39100 Bolzano (ITALY)

CAST STEEL VALVE PLANT
S.S. 11 Via 2800 31031 - 38077 Alghero Vicoletto (VI)
Tel. 0444 346.359
Fax 0444 346.359

HEAD OFFICE - FORGED VALVE PLANT
Via Torale 700A - 20061 Albino S. Alessandro (BG) Italy
Tel. 035 854323
Fax 035 854323

B.F.E. S.p.A.
BONNEY FORGE
VALVE LICENSEE

YOUR PURCHASE ORDER NO.

7542

OUR JOB NO.

011051

REMARKS

TEST

MATERIAL TESTED

ITEM Q.TY PART. N. DESCRIPTION

1" F321/F321* -NACE- 1500 LBS
STELLITE 6 SEAT + WEDGE
BS5352

COMPONENT

HEAT CODE/MATERIAL

HEAT NR./SUPPLIER

BODY F321
408847 VALBRUNA

BOLT
218712 A193 B8M

WEDGE
218712 M.MORANDI

SEAT
219172 VALBRUNA

228547 F321

228547 VALBRUNA

STEM F321

2981 VALBRUNA

CHEMICAL ANALYSIS

% % % % % % % % % % % %

TENSILE N/mm² C MN SI P S CR NI TI

YIELD N/mm² C MN SI P S CR NI TI

ELONGATION OF AREA % C MN SI P S CR NI TI

IMPACT TEST 1 JOULE 2 JOULE 3 JOULE

TEST TEMP °C

HARDNESS HB 1 HB 2

C.E.

168.00

212.00

0.010

165.00

221.00

0.020

0.020

0.020

0.020

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TEST RESULT

HYDROSTATIC AND PNEUMATIC TEST:

SATISFACTORY

THIRD AUTHORITY

CLIENT INSPECTOR

DATE

INSPECTION DEPT

B.F.E. S.p.A.

BONNEY FORGE VALVE PLANT

DATE

FEB 04, 2002

E. AZZOLA

TEST CERTIFICATE (DECLARATION OF CONFORMITY)

N. 0206/02 REV.01
PAGE 16 OF 21
CUSTOMER CODE 3522

R P VALVE & GASKET SUPPLY CO.
HOLBORN AVENUE, MILDENHALL,
SUFFOLK, IP28 7AN
TEL: (0)1638 711311 FAX: (0)1638 711444

SEDE LEGALE
via A. Volta, n°4
39100 Bolzano (ITALY)

CAST STEEL VALVE PLANT
S.S. 11144 Sesto San Giovanni (MI)
Phone 0444.327.111 (14 linee r.a.)
Telex 0444.349.359

B.F.E. S.p.A.
BONNEY FORGE
VALVE LICENSEE

HEAD OFFICE: FORGED VALVE PLANT
S.S. 11144 Sesto San Giovanni (MI)
Phone 033.554.111 (14 linee r.a.)
Telex 033.554025

YOUR PURCHASE ORDER NO.

7542

OUR JOB NO.

011051

REMARKS

DATE 16.07.01

☒ PARTIAL ORDER

BALANCE ORDER

☒ API 598
☒ BS 5755
☒ EN 10204 3.1 B

TEST

ITEM	Q.TY	PART. N.	DESCRIPTION	HYDROSTATIC			PNEUM.	
				SHI1	SEATS	BAR	SEATS	BAR

CHEMICAL ANALYSIS

MATERIAL TESTED		PSI		BAR		MECHANICAL PROPERTIES															
ITEM	Q.TY	PART. N.	DESCRIPTION	HYDROSTATIC		PNEUM.	SEATS	SEATS													
				SHFII	SEATS			SEATS													
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TEST CERTIFICATE (DECLARATION OF CONFORMITY)

N. 0206/02 REV.01
PAGE 19 OF 21
CUSTOMER CODE 3522

R.P. VALVE & GASKET SUPPLY CO.
HOLBORN AVENUE, MILDENHALL,
SUFFOLK, IP28 7AN
TEL: (0)1638 711311 FAX: (0)1638 711444

SEDE LEGALE
B.F.E. S.p.A.
20100 BOSSATE (ITALY)

CAST STEEL VALVE PLANT
S.S. 11 Via Olmo, 3103 - 20077 Abbiate Vercelli (VI)
Phone 0332.327.111 (14 linee r.a.)
Telex 0332.349.359

HEAD OFFICE - FORGED VALVE PLANT
Via della TOLA - 20097 Abbiate S. Alessandria (BO) Italy
Phone 0332.684.111 (16 linee r.a.)
Telex 0332.380022

YOUR PURCHASE ORDER NO.

7542

OUR JOB NO.

011051

REMARKS

DATE 16.07.01
☒ PARTIAL ORDER
BALANCE ORDER

☒ API 598
EN 10204 3.1 B

MATERIAL TESTED		TEST	
ITEM	Q.TY	PART. N.	DESCRIPTION
			BAR
			PNEUM.
			SEATS
			HYDROSTATIC
			SHRILL

CHEMICAL ANALYSIS MECHANICAL PROPERTIES

COMPONENT		TENSILE		YIELD		ELONGATION		IMPACT TEST		HARDNESS		CE	
HEAT CODE/MATERIAL	HEAT NR/SUPPLIER	N/mm ²	N/mm ²	%	%	%	%	1 JOULE	2 JOULE	HB	MO	HB	HB
ASTM A193 B8M	MIN.	0.080	2.000	0.045	0.030	1.000	18.000	14.000	3.000				
MAX.		515.00	205.00	30.00	50.00								
MIN.													
MAX.													
ASTM A320 L7M	MIN.	0.380	0.750			0.150	0.800	0.150					
MAX.		0.480	1.000	0.035	0.040	0.350	1.100	0.250					
MIN.		690.00	550.00	18.00	50.00	27.00	20.00	-73	201.00				
MAX.													
ASTM A350 LF2	MIN.	0.300	0.600			0.150	0.400	0.300	0.120	0.030	0.020		
MAX.		0.485.00	1.350	0.035	0.040	0.300	0.400	0.300	0.120	0.030	0.020		
MIN.				22.00	30.00	20.00	16.00	-46					
MAX.		655.00											
ASTMA182 F316-L	MIN.	0.035	2.000	0.045	0.030	1.000	15.000	18.000	3.000				
MAX.		515.00	205.00	30.00	50.00								
MIN.													

TEST RESULT
THIRD AUTHORITY
HYDROSTATIC AND
PNEUMATIC TEST
SATISFACTORY

DATE
16.07.01
CLIENT INSPECTOR
B.F.E. S.p.A.
BONNEY FORGE VALVE PLANT
04900-BP
FEB.04.2002
E. AZZOLA

TEST CERTIFICATE (DECLARATION OF CONFORMITY)

N. 0206/02 REV.01
CUSTOMER

PAGE 20 OF 21
CODE 3522

R P VALVE & GASKET SUPPLY CO.
HOLBORN AVENUE, MILDENHALL,
SUFFOLK, IP28 7AN
TEL: (0)1638 711311 FAX: (0)1638 711444

SEDE LEGALE
Via A. Volta, n°4
35100 Bolzano (ITALY)

CAST STEEL VALVE PLANT
S.S. 11 Via Orio, 3129 - 36077, Alameda Varesina (VI)
Phone 0444 330 111 (14 linee r.a.)
Telex: 0444 330 250

HEAD OFFICE FORGED VALVE PLANT
Via Tondello 70/A - 84061 Albano S. Alessandro (BG) Italy
Phone 035 664 111 (16 linee r.a.)
Telex: 035 664 111

B.F.E. S.P.A.
BONNEY FORGE
VALVE LICENSEE

YOUR PURCHASE ORDER NO.

7542

OUR JOB NO.

011051

REMARKS

DATE

16.07.01

☒ PARTIAL ORDER
☐ BALANCE ORDER

EN 10204 3.1 B

☒ API 598
☒ BS 605

TEST

ITEM	Q.TY	PART. N.	DESCRIPTION	PSI		
				HYDROSTATIC	SEATS	BAR

COMPONENT

HEAT CODE/MATERIAL	HEAT NR./SUPPLIER
--------------------	-------------------

CHEMICAL ANALYSIS

TENSILE	YIELD	ELONGATION	IMPACT	TEST TEMP	HARDNESS	C.E.
N/mm ²	N/mm ²	%	1 JOULE 2 JOULE 3 JOULE	°C	HB	HB

MECHANICAL PROPERTIES

%	%	%	%	%	%	%
---	---	---	---	---	---	---

- VISUAL DIMENSIONAL EXAMINATION HAS BEEN CARRIED OUT WITH SATISFACTORY RESULT.
- TRIM MATERIAL (DISK-SEAT-STEM) AND BOLTING ARE ACCORDING TO THE P.O. AND MATERIAL SPECIFICATIONS.
- VALVES CONFORM TO NACE STANDARD MR.01-75 LAST REVISION.
- F316-L MATERIAL HAS BEEN SOLUTION ANNEALED ACCORDING TO ASTM A182 SPECIFICATIONS: TEMP. 1060°C 1 HOUR EACH INCH THICKNESS WATER QUENCHING TO ROOM TEMPERATURE.
- F321-F347 MATERIAL HAS BEEN SOLUTION ANNEALED AND STABILIZED ACC. TO ASTM A182: SOLUBILIZATION AT 1040°C 1 HOUR/INCH FOLLOWED BY W. QUENCH STABILIZATION AT 950 °C COOLING IN AIR
- A105 MATERIAL HAS BEEN NORMALIZED ACCORDING TO ASTM A105 SPECIFICATIONS: TEMP. 900°C AND COOLING IN STILL AIR.
- LF2 MATERIAL HAS BEEN NORMALIZED ACCORDING TO ASTM A 350 SPECIFICATION.
- F5-F9-F11 MATERIAL HAS BEEN NORMALIZED TO 960°C AND TEMPERED TO MIN 677°C.

TEST RESULT	THIRD AUTHORITY	CLIENT INSPECTOR	DATE
-------------	-----------------	------------------	------

B.F.E. S.p.A.
BONNEY FORGE VALVE LICENSEE
QACC-BP

FEB.04.2002
E. AZZOLA

TEST CERTIFICATE (DECLARATION OF CONFORMITY)

N. 0206/02 REV.01 PAGE 21 OF 21
CUSTOMER CODE 3522

R P VALVE & GASKET SUPPLY CO.
HOLBORN AVENUE, MILDENHALL,
SUFFOLK, IP28 7AN
TEL: (0)1638 711311 FAX: (0)1638 711444

DATE 16.07.01
PARTIAL ORDER
BALANCE ORDER

REMARKS:

7542
OUR JOB NO.
011051

API 598
EN 10204 3.1 B

TEST

ITEM	Q.TY	PART. N.	DESCRIPTION	PSI			
				SHF1	SEATS	BAR	PNEUM.

CHEMICAL ANALYSIS

COMPONENT	HEAT CODE/MATERIAL	HEAT NR./SUPPLIER	MECHANICAL PROPERTIES																C.E.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			TENSILE		YIELD		ELONGATION		RED OF AREA		IMPACT TEST		TEST TEMP		HARDNESS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
%	%	%	N/mm2	%	N/mm2	%	%	%	%	1 JOULE	2 JOULE	3 JOULE	°C	HB	HB	HB	HB	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

- F22 MATERIAL HAS BEEN NORMALIZED TO 960°C AND TEMPERED TO 700°C MIN.

- LF2N MATERIAL HAS BEEN IMPACTED TESTED TO MESC 77/503

EC DECLARATION OF CONFORMITY

B.F.E. SPA VIA TONALE 70/A, ALBANO S.A. (BG) ITALY
ACCORDING TO ANNEX VII OF DIRECTIVE 97/23/CE,
HEREBY DECLARE THAT THE PRODUCTS DETAILED ABOVE ARE IN
COMPLIANCE WITH THE DIRECTIVE 97/23/CE AND HAVE BEEN
MANUFACTURED IN ACCORDANCE WITH CONFORMITY
ASSESSMENT MODULE H AS APPROVED BY
DET NORSKE VERITAS (COD.0434)
OF VERITASVEIEN 1, 1322 HOVIK, NORWAY.

CATEGORY : III

FLUID GROUP :

APPLICABLE STDS. : ANSI B16.34, API 598
& CUSTOMER SPECIFICATIONS.

OTHERS APPLICATION DIRECTIVES : 93/68/EEC

TEST RESULT

THIRD AUTHORITY

CLIENT INSPECTOR

DATE

INSPECTION DEPT

DATE

HYDROSTATIC AND
PNEUMATIC TEST

SATISFACTORY

B.F.E. S.p.A.
BONNEYFORGE VALVE LBS 1000
Q40C-B10
FEB.04.2002
E. AZZOLA



Material & Test Certificates Valves

Client : Lurgi AG
Lurgi-Order-No. : 4569241-002/1.69690/145
Siekmann-Order-No.: 8037894

CERTIFICATE-NO.: 40-1

Lurgi-Item-No.	Lurgi-I.D.	Quantity	Page	Remarks
00040	S 650	2	2	

Date 14.10.05
Siekmann Econosto GmbH & Co. KG



QM Meinold Oestreich

If you need any Spare Parts or
technical support please contact:

Siekmann Econosto GmbH & Co. KG
P.O. Box 150440, D-44344 Dortmund
Freigrafenweg 2, D-44357 Dortmund
Germany

Tel.: 0049 - 231 937 50
Fax : 0049 - 231 937 5188
E-mail: info@siekmann-econosto.de
Web: www.siekmann-econosto.de

HEAD OFFICE AND PLANT		INSPECTION CERTIFICATE according to		CERTIFICATE																																																																																																																																																																																																																																																																																																												
 FORGED STEEL VALVES Cod.Fisc. e P.IVA 03076750169 - Cap. Soc. € 8.000.000,00 I.V. Registro Imprese BG 03076750169 - R.E.A. 347477 VAT Registration Number: IT 03076750169 Soggetta all'attività di direzione e coordinamento da parte della società ALBEL srl Reg.Imp. BG n° 02045260169		☒ UNI EN 10204 - 3.1 ☐ C 051068-003/01		Page No. 001 / 001																																																																																																																																																																																																																																																																																																												
OUR JOB N° 051068 POSITION 003 Q.TY 2		TEST PROCEDURE & SPECIFICATION ☒ API 598 ☒ ANSI/ASME B 16.34 ☐ ☒ MSS SP.61 ☒ EN 12266-1 (Ex. BS 6755) ☐ ☐ DIN 3230 T.3 ☐		CUSTOMER SIEKMANN ECONOSTO GMBH & CO. KG FREIGRAFENWEG 2 D-44357 DORTMUND () 5. OKT. 2005																																																																																																																																																																																																																																																																																																												
DESCRIPTION GATE VALVE OS#Y BB FB 3/4" F321/F321 800 LBS SW B 104 R.1/T		CHEMICAL ANALYSIS <table border="1"> <thead> <tr> <th>C</th> <th>Al</th> <th>Mn</th> <th>Co</th> <th>N</th> <th>Si</th> <th>S</th> <th>P</th> <th>Cr</th> <th>Mo</th> <th>Ni</th> <th>Ti</th> <th>Cu</th> <th>Fe</th> <th>MILL #</th> </tr> </thead> <tbody> <tr> <td>BONNET</td> <td>A182 F321</td> <td>0,042</td> <td>1,630</td> <td>0,047</td> <td>0,017</td> <td>0,029</td> <td>17,100</td> <td>3 JOULE</td> <td>9,810</td> <td>0,410</td> <td></td> <td></td> <td></td> <td>021327</td> </tr> <tr> <td>B-DBT</td> <td>417930</td> <td>538,00</td> <td>336,00</td> <td>56,80</td> <td>63,03</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BOLTS</td> <td>A193 B8</td> <td>0,020</td> <td>1,770</td> <td>0,360</td> <td>0,001</td> <td>0,030</td> <td>18,150</td> <td>2 JOULE</td> <td>9,870</td> <td></td> <td></td> <td></td> <td></td> <td>021694</td> </tr> <tr> <td>STEM</td> <td>412933</td> <td>732,00</td> <td>587,00</td> <td>40,40</td> <td>65,00</td> <td></td> <td></td> <td></td> <td>225 HB</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>A479 Tp 321</td> <td>0,023</td> <td>1,980</td> <td>0,700</td> <td>0,025</td> <td>0,032</td> <td>17,150</td> <td></td> <td>9,800</td> <td>0,170</td> <td></td> <td></td> <td></td> <td>018606</td> </tr> <tr> <td>WEDGE</td> <td>825240</td> <td>712,00</td> <td>570,00</td> <td>34,00</td> <td>65,00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>A479 Tp 321</td> <td>0,017</td> <td>1,740</td> <td>0,600</td> <td>0,029</td> <td>0,025</td> <td>17,600</td> <td></td> <td>9,300</td> <td>0,280</td> <td></td> <td></td> <td></td> <td>020892</td> </tr> <tr> <td>SEAT</td> <td>411048</td> <td>615,00</td> <td>375,00</td> <td>50,00</td> <td>70,00</td> <td></td> <td></td> <td></td> <td>205 HB</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>A479 Tp 321</td> <td>0,037</td> <td>1,490</td> <td>0,460</td> <td>0,002</td> <td>0,031</td> <td>17,500</td> <td></td> <td>9,200</td> <td>0,330</td> <td></td> <td></td> <td></td> <td>020176</td> </tr> <tr> <td>BODY</td> <td>216274</td> <td>632,00</td> <td>320,00</td> <td>59,00</td> <td>68,00</td> <td></td> <td></td> <td></td> <td>180 HB</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>A182 F321</td> <td>0,045</td> <td>1,640</td> <td>0,440</td> <td>0,023</td> <td>0,030</td> <td>17,140</td> <td></td> <td>9,840</td> <td>0,410</td> <td></td> <td></td> <td></td> <td>017163</td> </tr> <tr> <td>B-CDC</td> <td>409820</td> <td>554,00</td> <td>267,00</td> <td>58,60</td> <td>68,64</td> <td>230</td> <td>270</td> <td>283</td> <td>20,00</td> <td>184 HB</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		C	Al	Mn	Co	N	Si	S	P	Cr	Mo	Ni	Ti	Cu	Fe	MILL #	BONNET	A182 F321	0,042	1,630	0,047	0,017	0,029	17,100	3 JOULE	9,810	0,410				021327	B-DBT	417930	538,00	336,00	56,80	63,03										BOLTS	A193 B8	0,020	1,770	0,360	0,001	0,030	18,150	2 JOULE	9,870					021694	STEM	412933	732,00	587,00	40,40	65,00				225 HB							A479 Tp 321	0,023	1,980	0,700	0,025	0,032	17,150		9,800	0,170				018606	WEDGE	825240	712,00	570,00	34,00	65,00											A479 Tp 321	0,017	1,740	0,600	0,029	0,025	17,600		9,300	0,280				020892	SEAT	411048	615,00	375,00	50,00	70,00				205 HB							A479 Tp 321	0,037	1,490	0,460	0,002	0,031	17,500		9,200	0,330				020176	BODY	216274	632,00	320,00	59,00	68,00				180 HB							A182 F321	0,045	1,640	0,440	0,023	0,030	17,140		9,840	0,410				017163	B-CDC	409820	554,00	267,00	58,60	68,64	230	270	283	20,00	184 HB					MECHANICAL PROPERTIES, IMPACT TESTS <table border="1"> <thead> <tr> <th>TENSILE</th> <th>YIELD</th> <th>ELONGATION</th> <th>RED. 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OF AREA	1 JOULE	2 JOULE	3 JOULE	HARDNESS	0,042	1,630	0,047	0,017	0,029	17,100		9,810	538,00	336,00	56,80	63,03				179 HB	0,020	1,770	0,360	0,001	0,030	18,150		9,870	732,00	587,00	40,40	65,00				225 HB	0,023	1,980	0,700	0,025	0,032	17,150		9,800	712,00	570,00	34,00	65,00				229 HB	0,017	1,740	0,600	0,029	0,025	17,600		9,300	615,00	375,00	50,00	70,00				205 HB	0,037	1,490	0,460	0,002	0,031	17,500		9,200	632,00	320,00	59,00	68,00				180 HB	0,045	1,640	0,440	0,023	0,030	17,140		9,840	554,00	267,00	58,60	68,64	230	270	283	20,00
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NOTES REF. LURGI : 9004550/8034493 VISUAL AND DIMENSIONAL TEST RESULT : SATISFACTORY		We declare that this product has been manufactured in accordance with the Sound Engineering Practice as per European Directive 97/23/EC - PED Article 3.3. EACH SINGLE COMPONENT OF THE VALVE WHICH IS MENTIONED IN THIS CERTIFICATE HAS BEEN MANUFACTURED AND TESTED FULLY IN ACCORDANCE WITH ITS OWN MATERIAL SPECIFICATION AS ABOVE INDICATED THE REPORTED VALUES ARE STRICTLY IN ACCORDANCE WITH THE ORIGINAL MILL CERTIFICATES		THIRD AUTHORITY CLIENT INSPECTION DEPT INSPECTION DEPT.  DATE 03/10/2005																																																																																																																																																																																																																																																																																																												



Material & Test Certificates Valves

Client : Lurgi AG
Lurgi-Order-No. : 4569241-002/1.69690/145
Siekmann-Order-No.: 8037894

CERTIFICATE-NO.: 50-1

Lurgi-Item-No.	Lurgi-I.D.	Quantity	Page	Remarks
00050	S 650	2	2	

Date 14.10.05
Siekmann Econosto GmbH & Co. KG

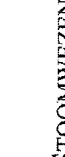
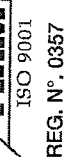
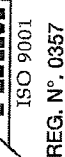


QM Meinold Oestreich

If you need any Spare Parts or
technical support please contact:

Siekmann Econosto GmbH & Co. KG
P.O. Box 150440, D-44344 Dortmund
Freigrafenweg 2, D-44357 Dortmund
Germany

Tel.: 0049 - 231 937 50
Fax : 0049 - 231 937 5188
E-mail: info@siekmann-econosto.de
Web: www.siekmann-econosto.de

INSPECTION CERTIFICATE according to		CERTIFICATE	
☒ UNI EN 10204 - 3.1 ☐		N°	C 051068-004/01
TEST PROCEDURE & SPECIFICATION		CUSTOMER	
☒ API 598 ☒ ANSI/ASME B 16.34 ☐ ☒ MSS SP.61 ☒ EN 12266-1 (Ex. BS 6755) ☐ ☐ DIN 3230 T.3 ☐		SIEKMANN ECONOSTO GMBH & CO. KG FREIGRAFENWEG 2 D-44357 DORTMUND ()	
OUR JOB N°		5. OKT. 2005	
POSITION		Q.TY	
004		2	
YOUR P.O. N°		90081520PZAGROS II -	
ITEM : 4		DESCRIPTION	
GATE VALVE OS#Y BB FB		3/4" F321/F321 1500 LBS SW	
9B 104 R.1 IT		TAG : S 650 - 00050	
Serial Number:		TEST PRESSURES (BAR)	
		HYDROSTATIC PNEUM. BODY & STUFFING SEAT SEAT BACKSEAT BOX 375 275 275 6	
TEST RESULT : SATISFACTORY		VISUAL AND DIMENSIONAL TEST RESULT : SATISFACTORY	
NOTES		REF. LURGI : 9004550/8034493	
WE declare that this product has been manufactured in accordance with the 'Sound Engineering Practice' as per European Directive 97/23/EC - PED Article 3.3.			
Each single component of the valve which is mentioned in this certificate has been manufactured, heat treated and tested fully in accordance with its own material specification as above indicated.			
The reported values are strictly in accordance with the original mill certificates.			
THIRD AUTHORITY		CLIENT INSPECTION DEPT	
DATE		DATE	
     		  	
 			
DATE		DATE	
03/10/2005		03/10/2005	



Material & Test Certificates Valves

Client : Lurgi AG
Lurgi-Order-No. : 4569241-002/1.69690/145
Siekmann-Order-No.: 8037894

CERTIFICATE-NO.: 60-1

Lurgi-Item-No.	Lurgi-I.D.	Quantity	Page	Remarks
00060	S 652	1	2	

Date 14.10.05
Siekmann Econosto GmbH & Co. KG



QM Meinold Oestreich

If you need any Spare Parts or
technical support please contact:

Siekmann Econosto GmbH & Co. KG
P.O. Box 150440, D-44344 Dortmund
Freigrafenweg 2, D-44357 Dortmund
Germany

Tel.: 0049 - 231 937 50
Fax : 0049 - 231 937 5188
E-mail: info@siekmann-econosto.de
Web: www.siekmann-econosto.de

INSPECTION CERTIFICATE according to		CERTIFICATE	
☒ UNI EN 10204 - 3.1 ☐		N° C 051068-005/01	
TEST PROCEDURE & SPECIFICATION		CUSTOMER	
☒ API 598 ☒ ANSI/ASME B 16.34 ☐ ☒ MSS SP.81 ☒ EN 12266-1 (Ex. BS 6755) ☐ ☐ DIN 3230 T.3 ☐		STIEKMANN ECONOSTO GMBH & CO. KG FREIGRAFFENWEG 2 D-44357 DORTMUND ()	
OUR JOB N°		5. OKT. 2005	
POSITION		DATE	
005		03/10/2005	
Q.TY		DATE	
1		03/10/2005	
YOUR P.O. N°		DATE	
90081520P/ZAGROS II -		03/10/2005	
ITEM: 5		03/10/2005	
DESCRIPTION		DATE	
GATE VALVE OS&Y BB FB		03/10/2005	
1/2" F321/F321 800 LBS SW		03/10/2005	
B 103 R.1/T		03/10/2005	
TAG: S 652 - 00060		03/10/2005	
Serial Number:		DATE	
TEST PRESSURES (BAR)		DATE	
HYDROSTATIC		DATE	
PNEUM.		DATE	
BODY & STUFFING		DATE	
SEAT		DATE	
BOX		DATE	
200		DATE	
150		DATE	
6		DATE	
TEST RESULT: SATISFACTORY		DATE	
VISUAL AND DIMENSIONAL TEST RESULT: SATISFACTORY		DATE	
NOTES		DATE	
REF. LURGI: 9004550/8034493		DATE	
THE VALVES HAVE BEEN CLEANED AND DEGREASED DEGREE OF		DATE	
PURITY ACC. TO LVF		DATE	
S.p.A. PROCEDURE CQ.19 REV.2		DATE	
We declare that this product has been manufactured in accordance with the 'Sound Engineering Practice' as per European Directive 97/23/EC - PED Article 3.3.		DATE	
THIRD AUTHORITY		DATE	
CLIENT INSPECTION DEPT		DATE	
INSPECTION DEPT.		DATE	
TUV SUD DEUTSCHLAND		DATE	
ANSI-RAB QMS		DATE	
REGISTERED		DATE	
ISO 9001		DATE	
ACHILLES		DATE	
STOOMWEZEN		DATE	
APIQ		DATE	
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Material & Test Certificates Valves

Client : Lurgi AG
Lurgi-Order-No. : 4569241-002/1.69690/145
Siekmann-Order-No.: 8037894

CERTIFICATE-NO.: 70-1

Lurgi-Item-No.	Lurgi-I.D.	Quantity	Page	Remarks
00070	S 652	1	2	

Date 14.10.05
Siekmann Econosto GmbH & Co. KG



QM Meinold Oestreich

If you need any Spare Parts or
technical support please contact:

Siekmann Econosto GmbH & Co. KG
P.O. Box 150440, D-44344 Dortmund
Freigrafenweg 2, D-44357 Dortmund
Germany

Tel.: 0049 - 231 937 50
Fax : 0049 - 231 937 5188
E-mail: info@siekmann-econosto.de
Web: www.siekmann-econosto.de

INSPECTION CERTIFICATE according to		CERTIFICATE									
☒ UNI EN 10204 - 3.1 ☐		N° C 051068-006/01									
TEST PROCEDURE & SPECIFICATION		CUSTOMER									
☒ API 598 ☒ ANSI/ASME B 16.34 ☐ ☒ MSS SP.61 ☒ EN 12266-1 (Ex. BS 6755) ☐ ☐ DIN 3230 T.3 ☐		SIEKMANN ECONOSTO GMBH & CO. KG FREIGRAFWEG 2 D-44357 DORTMUND ()									
OUR JOB N°		Page No. 001 / 001									
051068		5. OKT. 2005									
POSITION		006									
Q.TY		1									
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90081520P/IZAGROS II -											
ITEM: 6											
DESCRIPTION											
GATE VALVE OS#Y BB FB											
1" F321/F321 800 LBS SW											
B 105 R.1 / T											
TAG : S 652 - 00070											
Serial Number:											
TEST PRESSURES (BAR)											
<table border="1"> <tr> <th>HYDROSTATIC</th> <th>PNEUM.</th> </tr> <tr> <td>BODY & STUFFING BOX</td> <td>SEAT</td> </tr> <tr> <td>200</td> <td>150</td> </tr> <tr> <td>150</td> <td>6</td> </tr> </table>		HYDROSTATIC	PNEUM.	BODY & STUFFING BOX	SEAT	200	150	150	6		
HYDROSTATIC	PNEUM.										
BODY & STUFFING BOX	SEAT										
200	150										
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TEST RESULT : SATISFACTORY											
VISUAL AND DIMENSIONAL TEST RESULT : SATISFACTORY											
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REF. LURGI : 9004550/8034493 THE VALVES HAVE BEEN CLEANED AND DEGREASED DEGREE OF PURITY ACC. TO LVF S.p.A. PROCEDURE CQ.19 REV.2											
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