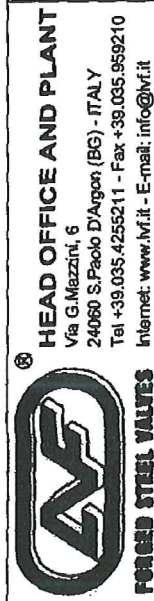


17 SEP. 2004



# HEAD OFFICE AND PLANT

Via G. Mazzini, 6  
24060 S. Paolo D'Argon (BG) - ITALY  
Tel +39.035.4255211 - Fax +39.035.959210  
Internet: www.af.it - E-mail: info@af.it

## 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  
Società affiliata al Gruppo e coordinamento dei parti della società ALLBEL srl Reg. Imp. BG n° 0266520169

OUR JOB N° **040791** POSITION **001**

YOUR P.O. N° **90021150P/STOCK-DIN-GLOBE**

ITEM **1** Q.TY **100**

DESCRIPTION  
**GLOBE VALVE OS#Y BB FB FL DIN  
DN15 " C22.8/1.4006"/INT+13Cr PN40 FORM B1  
4B SK 213 FORM B1**

TAG  
DAVR416001E001

TEST PRESSURES ☒ BAR ☐ PSI

TEST RESULT  
HYDROSTATIC AND PNEUMATIC ☒ CONFORM ☐ NOT CONFORM

HYDROSTATIC BODY & BACKSEAT ☐ PNEUM. SEAT ☒ CONFORM ☐ NOT CONFORM

60 45 6

NOTES  
\* HARD FACING OVERLAY: AWS R Co Cr A (STELLITE GR. 6)  
MATERIAL ACCORDING TO AD2000-MERKBLATT A4

V 12 001, V 12 002  
V 12 071, V 43 081

INSPECTION CERTIFICATE according to										CERTIFICATE		Page No. 001 / 001			
<input checked="" type="checkbox"/> UNI EN 10204 - 3.1 B <input type="checkbox"/>										N° <b>C 040791-001/01</b>					
TEST PROCEDURE & SPECIFICATION										CUSTOMER					
<input checked="" type="checkbox"/> API 598 <input checked="" type="checkbox"/> ANSI/ASME B 16.34 <input type="checkbox"/> <input checked="" type="checkbox"/> MSS SP.61 <input checked="" type="checkbox"/> BS 6755 <input type="checkbox"/> <input checked="" type="checkbox"/> DIN 3230 T.3 <input type="checkbox"/>										<b>SIEMANN ECONOSTO GMBH &amp; CO. KG</b> <b>FREIGRAFENWEG 2</b> <b>D-44357 DORTMUND ()</b>					
CHEMICAL ANALYSIS															
COMPONENT															
PART NAME	MATERIAL	C	Mn	Si	N	S	P	Cr	Mo	Ni	Ti	Cu	Fe	MILL #	
HEAT CODE	HEAT NR	MECHANICAL PROPERTIES. IMPACT TESTS													
		TENSILE N/mm <sup>2</sup>	YIELD N/mm <sup>2</sup>	ELONGATION RED. OF AREA 1 JOULE	12 JOULE	13 JOULE	TEST TEMP °C	HARDNESS HB							
BONNET	DIN 17243 (1.0460) C22.8	0.181	0.848	0.199	0.003	0.008	0.023	0.139					0.238	018085	
B-CHP	131373	0.023			0.001	0.015									
BOLTS	EN 10269 (1.7709) 21CrMoV5.7	527.00	363.00	31.00	68.30	177	188	20.00	150.00					019532	
STEM	408304	0.190	0.560	0.350	0.002	0.014	1.400	0.730							
	EN 10272 (1.4006) X12Cr13	817.00	747.00	18.90	67.50				229.00					020118	
DISC	413047	0.130	0.740	0.400	0.026	0.018	12.150								
	EN 10272 (1.4006) X12Cr13	884.00	619.00	20.00	66.00				219.00						
BODY	DIN 17243 (1.0460) C22.8	0.190	0.828	0.216	0.002	0.009	0.105	0.033	0.152	0.003	0.281			020314	
B-DCA	137901	0.028			0.001	0.002	0.013	0.384							
		497.00	338.00	30.00	64.00	206	65	108	-20.00	141.00					

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



LVF S.p.A.  
Quality Control Dept.

DATE 10/09/2004