

17 SEP. 2004

INSPECTION CERTIFICATE according to <input checked="" type="checkbox"/> UNI EN 10204 - 3.1 B <input type="checkbox"/>		CERTIFICATE N° C 040791-001/01		Page No. 001 / 001	
<b>HEAD OFFICE AND PLANT</b> Via G. Mazzini, 6 24060 S. Paolo D'Argon (BG) - ITALY Tel +39.035.4255211 - Fax +39.035.959210 Internet: www.lvf.it - E-mail: info@lvf.it <b>FORGED STEEL VALVES</b> 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 coordinata da parte della società ALLREI srl Reg. Imp. BG n° 028620169		<b>CUSTOMER</b> <b>SIEKMANN ECONOSTO GMBH &amp; CO. KG</b> <b>FREIGRAFWEG 2</b> <b>D-44357 DORTMUND (D)</b>			
<b>TEST PROCEDURE &amp; SPECIFICATION</b> <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>COMPONENT</b> PART NAME MATERIAL HEAT CODE HEAT NR BONNET DIN 17243 (1.0460) C22.8 B-CHP 131373 BOLTS EN 10269 (1.7709) 21CrMoV 5.7 409304 STEM EN 10272, (1.4006) X12Cr13 413047 DISC EN 10272, (1.4006) X12Cr13 404019 BODY DIN 17243 (1.0460) C22.8 B-DCA 137901		<b>CHEMICAL ANALYSIS</b> C Mn Si S P Nb Cr Sn Mo Ni Nb+Ta As Ti Fe Al Co N V Nb <b>MECHANICAL PROPERTIES. IMPACT TESTS</b> TENSILE YIELD STRENGTH ELONGATION RED. OF AREA 1 JOULE 2 JOULE 3 JOULE TEST TEMP. HARDNESS 0.181 0.848 0.199 0.003 0.006 0.085 0.023 0.139 0.238 0.023 527.00 363.00 31.00 0.001 0.001 0.015 179 20.00 150.00 0.190 0.560 0.350 0.002 0.014 1.400 0.730 0.19532 0.340 87.50 229.00 0.130 0.740 0.400 0.028 0.018 12.150 0.140 0.20118 684.00 619.00 20.00 66.00 219.00 0.108 0.400 0.450 0.023 0.018 12.100 0.360 0.20435 682.00 604.00 21.00 70.00 210.00 0.190 0.828 0.216 0.002 0.009 0.105 0.033 0.152 0.003 0.281 0.028 0.001 0.002 0.013 0.384 0.009 497.00 338.00 30.00 64.00 206 65 108 -20.00 141.00			
OUR JOB N° 040791 POSITION 001 YOUR P.O. N° 90021150P/STOCK-DIN-GLOBE ITEM 1 QTY 100 L1 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 DAVRA16001E001		TEST RESULT TEST HYDROSTATIC AND PNEUMATIC <input checked="" type="checkbox"/> CONFORM <input type="checkbox"/> NOT CONFORM TEST VISUAL AND DIMENSIONAL <input checked="" type="checkbox"/> CONFORM <input type="checkbox"/> NOT CONFORM TEST PRESSURES <input checked="" type="checkbox"/> BAR <input type="checkbox"/> PSI HYDROSTATIC BODY & BACKSEAT 60 45 6 PNEUM. SEAT 6			
NOTES * HARD FACING OVERLAY: AWS Co Cr A (STELLITE GR. 6) MATERIAL ACCORDING TO AD2000-MERKBLATT A4 V 12 001, V 12 002 V 12 071, V 43 081		We declare that this product has been manufactured in accordance with the 'Sound Engineering Practices' as per European Directive 97/23/EC - PED Article 3.3. TUV RAB ACCREDITED ANSIRAB API Q1 REGISTERED ISO 9001 ISO REG. N° 0357 Achilles STOOMWEZEN API Q1		- 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. INSPECTION DEPT. DATE 10/09/2004	