

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																																																																																																																																																													
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.mf.it - E-mail: info@mf.it FORGED STEEL VALVES		CUSTOMER SIEKMANN ECONOSTO GMBH & CO. KG FREIGRAFENWEG 2 D-44357 DORTMUND 0																																																																																																																																																															
TEST PROCEDURE & SPECIFICATION <input checked="" type="checkbox"/> API 598 <input type="checkbox"/> ANSI/ASME B 16.34 <input type="checkbox"/> <input checked="" type="checkbox"/> MSS SP.61 <input type="checkbox"/> BS 6755 <input type="checkbox"/> <input checked="" type="checkbox"/> DIN 3230 T.3 <input type="checkbox"/>																																																																																																																																																																	
POSITION 001		CHEMICAL ANALYSIS <table border="1"> <thead> <tr> <th>C</th> <th>Mn</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>0.181</td> <td>0.848</td> <td>0.199</td> <td>0.003</td> <td>0.006</td> <td>0.085</td> <td>0.023</td> <td>0.139</td> <td></td> <td>0.238</td> <td></td> <td>018085</td> </tr> <tr> <td>0.023</td> <td></td> <td></td> <td>0.001</td> <td>0.001</td> <td>0.015</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>527.00</td> <td>353.00</td> <td>31.00</td> <td>68.30</td> <td>177</td> <td>188</td> <td>179</td> <td>20.00</td> <td>150.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.190</td> <td>0.560</td> <td>0.350</td> <td>0.002</td> <td>0.014</td> <td>1.400</td> <td>0.730</td> <td></td> <td></td> <td></td> <td></td> <td>019532</td> </tr> <tr> <td>817.00</td> <td>747.00</td> <td>18.90</td> <td>67.50</td> <td></td> <td></td> <td></td> <td></td> <td>229.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.130</td> <td>0.740</td> <td>0.400</td> <td>0.026</td> <td>0.018</td> <td>12.150</td> <td></td> <td>0.140</td> <td></td> <td></td> <td></td> <td>020118</td> </tr> <tr> <td>684.00</td> <td>619.00</td> <td>20.00</td> <td>66.00</td> <td></td> <td></td> <td></td> <td></td> <td>219.00</td> <td></td> <td></td> <td>020435</td> </tr> <tr> <td>0.108</td> <td>0.400</td> <td>0.450</td> <td>0.023</td> <td>0.018</td> <td>12.100</td> <td></td> <td>0.360</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>692.00</td> <td>604.00</td> <td>21.00</td> <td>70.00</td> <td></td> <td></td> <td></td> <td></td> <td>210.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.190</td> <td>0.828</td> <td>0.216</td> <td>0.002</td> <td>0.009</td> <td>0.105</td> <td>0.033</td> <td>0.152</td> <td>0.003</td> <td>0.291</td> <td></td> <td>020314</td> </tr> <tr> <td>0.028</td> <td></td> <td></td> <td>0.001</td> <td>0.002</td> <td>0.013</td> <td>0.384</td> <td></td> <td>0.009</td> <td></td> <td></td> <td></td> </tr> <tr> <td>497.00</td> <td>338.00</td> <td>30.00</td> <td>64.00</td> <td>206</td> <td>65</td> <td>108</td> <td>-20.00</td> <td>141.00</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				C	Mn	Si	S	P	Cr	Mo	Ni	Ti	Cu	Fe	MILL #	0.181	0.848	0.199	0.003	0.006	0.085	0.023	0.139		0.238		018085	0.023			0.001	0.001	0.015							527.00	353.00	31.00	68.30	177	188	179	20.00	150.00				0.190	0.560	0.350	0.002	0.014	1.400	0.730					019532	817.00	747.00	18.90	67.50					229.00				0.130	0.740	0.400	0.026	0.018	12.150		0.140				020118	684.00	619.00	20.00	66.00					219.00			020435	0.108	0.400	0.450	0.023	0.018	12.100		0.360					692.00	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	0.291		020314	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			
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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		DECLARATION 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.																																																																																																																																																															
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