


Buderus Edelstahl GmbH Buderusstraße 25, 35576 Wetzlar		Buderus Edelstahl	
HAWTHORNE NJ 07506 USA NJSB TAG NO. 39	Inspection certificate EN 10204/3.1		Stempel des Abnahmebeauftragten Inspectors Stamp
	Certificate No. 290579/1		
	Our Reference No. Pos. 511274 1		

Item	Heat No.																
10	17752																
Melting process	Electric steel																
Casting method	Ingot casting																
Material Grade	1095 Steel gr.no 0618																
Production order	4290473																
Shipment no./Date	6021770441/05.01.2018																
Invoice No./Date	6035011704/10.01.2018																
Material description	: Hot rolled Strip skin passed in bars																
Customer Order-No.	: PO-000042																
Specification	: Analysis:																
	C 0.90 - 0.99 % Si 0.10 - 0.30 % Mn 0.30 - 0.70 % P max. 0.040 % S max. 0.040 %																
Dimension	: 1,778 x 400,00 mm (0.070 x 15.75") thickness tolerance +0,060 /-0,060 mm (+/- .0024") width tolerance +4,20 /-0,00 mm (+.165/-0") length 1.219,20 mm (48") +12,00 / -0,00 mm (+.47/-0")																
Chemistry Analysis (% - H [Hydrogen] in ppm)																	
17752	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> </tr> </thead> <tbody> <tr> <td>0.962</td> <td>0.250</td> <td>0.456</td> <td>0.0053</td> <td>0.0010</td> <td>0.131</td> <td>0.055</td> <td>0.012</td> </tr> </tbody> </table>	C	Si	Mn	P	S	Cr	Ni	Mo	0.962	0.250	0.456	0.0053	0.0010	0.131	0.055	0.012
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0.962	0.250	0.456	0.0053	0.0010	0.131	0.055	0.012										
Hardness Test																	
K0473	hardness converted: 660.1 MPa																
Annealed-Structure:																	
C0473	spherodized carbides: 99 %																

We confirm, the material contains no radioactive contamination, that exceeds the natural values. Legal requirements are kept.

Certificate is prepared by EDP-System and is valid without signature according to EN 10204.
We hereby certify, the above mentioned material is in accordance with the terms of the order.

Quality Surveillance	Manufacturer Works inspector	Page 1 of 1
Wetzlar, 11.01.2018	Mr. Kai-Lukas Lotz	Enclosures <input type="checkbox"/>