


Buderus Edelstahl GmbH Buderusstraße 25, 35576 Wetzlar		<h1>Buderus Edelstahl</h1>	
HAWTHORNE NJ 07506 USA			
Inspection certificate EN 10204/3.1			Stempel des Abnahmebeauftragten Inspectors Stamp
Certificate No. 294438/1			
Our Reference No. Pos. 511267 1			

Item	Heat No.																																
10	Electric 15090																																
Melting process	steel Ingot																																
Casting method	casting																																
Material Grade	W-2 Steel gr.no 2292																																
Production order	4290551																																
Shipment no./Date	6021770502/20.02.2018																																
Invoice No./Date	6035011712/27.02.2018																																
Material description	: Hot rolled Strip skin passed in bars																																
Customer Order-No.	: PO-000040																																
Specification	: chemical analysis (request for standard W-2 analysis): C: 0.90-1.00% Si: 0.15-0.30 % Mn: 0.15-0.35% P: max. 0.025% S: max. 0.007% Cr: max. 0.25% Ni: max. 0.20% Mo: max. 0.08% V: 0.15-0.25% W: max. 0.10% # Condition: hot rolled according to DIN EN 10048:1996-10, shot blasted, annealed, skin passed, mill edges, cut in length # min. width: 15.75"																																
Dimension	: 4,953 x 400,00 mm, mill edges (.195 x 15.75") thickness tolerance +0,085 /-0,085 mm (+/- .0033") width tolerance +4,20 /-0,00 mm (+.47/-0") length 1.219,20 mm +12,00 / -0,00 mm (48 +0.47/-0")																																
Chemistry Analysis (% - H [Hydrogen] in ppm)																																	
15090	<table border="0"> <tr> <td>C</td> <td>Si</td> <td>Mn</td> <td>P</td> <td>S</td> <td>Cr</td> <td>Ni</td> <td>Mo</td> </tr> <tr> <td>0.928</td> <td>0.286</td> <td>0.287</td> <td>0.0040</td> <td>0.0050</td> <td>0.086</td> <td>0.053</td> <td>0.013</td> </tr> <tr> <td>V</td> <td>W</td> <td colspan="6"></td> </tr> <tr> <td>0.200</td> <td>0.006</td> <td colspan="6"></td> </tr> </table>	C	Si	Mn	P	S	Cr	Ni	Mo	0.928	0.286	0.287	0.0040	0.0050	0.086	0.053	0.013	V	W							0.200	0.006						
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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, 01.03.2018	Mr. Kai-Lukas Lotz	Enclosures <input type="checkbox"/>