

Buderus Edelstahl GmbH Dillfeld 40, 35576 Wetzlar	Buderus Edelstahl		
NJSB Tag No. 1698	Inspection certificate EN 10204-3.1		Stempel des Abnahmebeauftragten Inspectors Stamp
	Certificate No. 419011/1		
	Our Reference No. Pos. 518670 4		

Heat No. 32128		Weight 16,633.891 LB						
Melting process	Electric steel							
Casting method	Ingot casting							
Material Grade	80CrV2							
Steel gr.no.	2235							
Production order	4391960							
Shipment no./Date	6021771775/17.02.2023							
Invoice No./Date	6035012027/20.02.2023							
Material description	: Hot rolled Strip skin passed in bars							
Customer Order-No.	: PO247							
Specification	: Analysis: C 0.75 - 0.85 % Si 0.15 - 0.35 % Mn 0.30 - 0.50 % P max. 0.025 % S max. 0.020 % Cr 0.40 - 0.60 % Ni max. 0.40 % Mo max. 0.10 % V 0.15 - 0.25 %							
Dimension	: 4,191 x 406,400 mm (0.165 x 16.00") thickness tolerance +0,075 /-0,075 mm (+/- .003") width tolerance +4,680 /-0,000 mm (+ 0.184/-0") length 1.224,50 mm (48,2") +12,00/-0,00 mm (+ .47/-0")							
Chemistry Analysis (% - H [Hydrogen] in ppm)								
32128	C	Si	Mn	P	S	Cr	Ni	Mo
	0.820	0.284	0.397	0.0060	0.0014	0.532	0.117	0.029
	V							
	0.160							
Hardness Test								
K1960	HBW:	664.1 MPa						
	HBW:	675.9 MPa						

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

Certificate is prepared by EDP-System and is valid without signature.

We hereby certify, the above mentioned material is in accordance with the terms of the order.

Approval & Certification	Manufacturer Works inspector		Page 1 of 1
Wetzlar, 22.02.2023	Kai-Lukas Lotz		Enclosures ☐