Buderus Edelstahl GmbH Buderusstraße 25, 35576 Wetzlar	**Buderus** | Edelstahl	
NJSB TAG NO. 389	Inspection certificate EN 10204-3.1 Certificate No. 326598/1 Our Reference No. Pos. 513866 4	Stempel des Abnahmebeauftragten Inspectors Stamp

	Heat No. 22709
Melting process	Electric steel
Casting method	Ingot casting
Material Grade	80CrV2
Steel gr.no.	2235
Production order	4326222
Shipment no./Date	6021760011/24.05.2019
Invoice No./Date	6035011784/28.05.2019

Material description : Hot rolled Strip skin passed in bars

Customer Order-No. : PO-00061

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 : 6,858 x 400,000 mm (0.27 x 15.75")
thickness tolerance +0,075 /-0,075 mm (+/- .003")
width tolerance +4,680 /-0,000 mm (+ .185 / -0")
length 1.219,20 mm (48") +12,00 / -0,00 mm (+ .47/-0")

Chemistry Analysis (% - H [Hydrogen] in ppm)

	C	Si	Mn	P	S	Cr	Ni	Mo	V
22709	0.768	0.293	0.393	0.0069	0.0010	0.498	0.109	0.032	0.170

Hardness Test

K6222	HBW:	672.4 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, 29.05.2019	Kai-Lukas Lotz		Enclosures ☐