

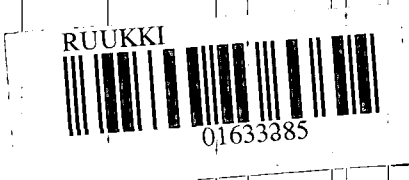
Inspection certificate EN 10 204 - 3.1		Issuing department Quality inspection		Purchaser order no 4500993386		Our order no 153379-3		Invoice no 2934361		Certificate no and date 16984623 2017-12-08	
Product Hot rolled pickled sheets		Marking Manufacturer, MATERIAL ID		Customer marks		Our order no 153379-3		Invoice no 2934361		Certificate no and date 16984623 2017-12-08	

Purchaser TIBNOR OY PO BOX 3 FI-05801 HYYINKÄÄ FINLAND		Product Hot rolled pickled sheets		Marking Manufacturer, MATERIAL ID		Customer marks	
Quantity 149		Dimensions [mm] T 5 W 1500 L 3000		Weight [kg] 26310		Deliv. Cond.	
Consignee TIBNOR OY PO BOX 3 FI-05801 HYYINKÄÄ FINLAND		Standard/rules SSAB Steel grade STRENX 650 MC D		Internal code		Internal code	

MATERIAL ID
 21-6774-226781-01 , 21-6774-226781-02 , 21-6774-226781-03 , 21-6774-226781-04 , 21-6774-226781-05 , 21-6774-226781-06 , 21-6774-226781-07 , 21-6774-226781-08 , 21-6774-226781-09 , 21-6774-226781-10

Chemical composition															
Heat no 21-6774															
C	Si	Mn	P	S	Cr	Ni	Mo	V	Ti	Cu	Al	Nb	B	N	Cekv
.061	.02	1.66	0.16	.003	.03	.04	.01	.01	.08	.01	.047	.063	.0001	.007	.35
Carbon equivalent etc Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5															

Testtype Tensile test Bend test	Millcode DQV384 DQV385	Specimen position Top end Top end	Direction Longitudinal Transvers	Treatment Delivery condition Delivery condition	Specimen type Rectangular 380x40 Rectangular 300x25	Temp [degr C] C10 C50	Test results	
							C11 *ReH [MPa] 688	C12 Rm [MPa] 776



No yield point extension Ae detected. Measured value for *ReH/ReL replaced by *Rp02
 Production time: 2017-12-08

Customer article no: A005.A02092

This certificate is produced with EDP and valid without signature Material Testing/ H Leu / M Eriksson / V Esbelani		It is hereby certified that the material described above complies with the requirements of the order.	
Z02		Z01	
A04		A22	
STRENX PERFORMANCE STEEL www.strenx.com		A04	

