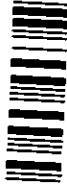


111113



SSAB

Kontino Oy Ab

Inspection certificate EN 10 204 - 3.1		A02 Issuing department Quality inspection		A05 Purchaser order no 1109910		A07 Our order no 10255867-10		A08 Invoice no		A19 Certificate no and date 16159406 2016-09-01		A03 A01			
Purchaser OY Kontino Ab PL27 01301 Vantaa Finland				A11 25015		Product Structural steel		B01		Marking (Stamping) Steel grade, Manufacturer, MATERIAL ID		B06 Customer marks		B15	
Quantity 1		B08 Dimensions (mm) T 10 W 2500 L 6000		B09-B11 Weight (kg) 1178		B12 Deliv. Cond. Q		B04 Internal code 23341		B16		B02		B07	
Consignee OY Kontino Ab Hakintie 6 01380 Vantaa Finland				A06		Standard/rules OX STRENX 700 Steel grade STRENX 700 E		B02		B07		B02		B07	
MATERIAL ID 118981-816809														B07	

Chemical composition																	C71-C92		Carbon equivalent etc		C93-C99
Heat no	C	Si	Mn	P	S	Cr	Ni	Mo	V	Ti	Cu	Al	Nb	B	N	EW	C14				
118981	.14	.30	1.15	.008	.001	.30	.07	.170	.011	.007	.01	.020	.001	.001	.003	.44	.292				
																	$\text{CEV (EW)} = \text{C} + \text{Mn}/6 + (\text{Cr} + \text{Mo} + \text{V})/5 + (\text{Ni} + \text{Cu})/15$		C93-C99		
																	$\text{C14} = \text{CET} = \text{C} + (\text{Mn} + \text{Mo})/10 + (\text{Cr} + \text{Cu})/20 + \text{Ni}/40$				

Testtype	Millcode	C00	C01	C02	C03	C04	C05	C06	C07	C08	C09	C10	C11	C12	C13	C14	C15
Tensile Test	456896	Top end	Transvers	Delivery condition	Rectangular	Charpy-V	7.5x10	-40	140	146	144	143	825	872	16	292	23341
Impact test	456896	Top end	Transvers	Delivery condition	Charpy-V	7.5x10	-40	140	146	144	143	825	872	16	292	23341	23341

B02: EN 10025-6/S690QL
EN 10025-6, OPTION 30.
ALSO MEETS REQUIREMENTS OF WELDOX 700E

Customer article no: 2292

		This certificate is produced with EDP and valid without signature		Z02		A04	
Quality Inspection Department/ R Tschernernjack / A Backlund		It is hereby certified that the material described above complies with the requirements of the order.		Z01		A04	
						STRENX™ PERFORMANCE STEEL www.strenx.com	