

SSAB EMEA AB, SE-613 80 OXELÖSUND, Sweden

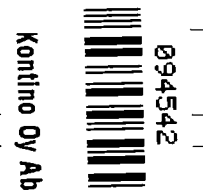
Inspection certificate EN 10 204 - 3.1	A02	Issuing department Quality inspection	A05	Purchaser order no 1106187	A07	Our order no 10178523-40	A08	Invoice no	A19	Certificate no and date 14623979 2014-01-09	A03
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Purchaser OY Kontino Ab PL27 01301 Vantaa Finland	A11	25015	Product Structural steel	B01	Marking (Stamping) Steel grade, Manufacturer, MATERIAL ID	B06	Standard/rules OX Steel grade WELDOX 700 E	B02		
	B08	Quantity 1	Dimensions [mm] T 12 W 2500 L 6000	B09-B11	Weight [kg] 1413	B12	Deliv. Cond. Q	B04	Internal code 21115	B16
	A06	Consignee OY Kontino Ab Hakintie 6- 8 01380 Vantaa Finland	A06	Customer marks W712	B15					

MATERIAL ID 109095-446607	B07
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Chemical composition	C71-C92	Carbon equivalent etc	C93-C99														
Heat no 109095	C	Si	Mn	P	S	Cr	Ni	Mo	V	Ti	Cu	Al	Nb	B	N	EW	C14
	.14	.31	1.15	.011	.001	.30	.05	.170	.011	.010	.01	.038	.002	.002	.002	.43	.288
	CEV (EW) = C + MN/6 + (CR+MO+V)/5 + (NI+CU)/15 C14 = CET = C +(MN+MO)/10 +(CR+CU)/20 +NI/40																

Testtype	C04	Millcode	C00	Specimen position	C01	Direction	C02	Treatment	B05	Specimen type	C10	Temp [degr C]	C03	Test results				
Impact test	047670	Top end	Transvers	Delivery condition	Charpy-V 10x10	-40	C42	C42	C42	C43	E [J]	E [J]	E [J]	Ave [J]	196	216	220	211
Impact test	047683	Tail end	Transvers	Delivery condition	Charpy-V 10x10	-40	C42	C42	C42	C43	E [J]	E [J]	E [J]	Ave [J]	205	224	91	173
Tensile Test	047696	Top end	Transvers	Delivery condition	Rectangular		C11	C12	C13	Rp0.2 [MPa]	Rm [MPa]	A5 [%]		785	839	18		



B02: EN 10025-6/S690QL
EN 10025-6, OPTION 30.

	It is hereby certified that the material Z02 described above complies with the requirements of the order.	Z02		This certificate is produced with EDP and valid without signature	Z01	A22		A04 HIGH STRENGTH STEEL www.weldox.com
		0045-CPD-0637		Quality Inspection Department/ I Ivarsson /H Brinting				