

SSAB EMEA AB, SE-781 84 BORLÄNGE, Sweden

Inspection certificate EN 10 204 - 3.1	A02	Issuing department Quality inspection	A05	Purchaser order no P025394	A07	Our order no 814310-2	A08	Invoice no 2626784	A19	Certificate no and date 15097187 2014-10-22	A03
Purchaser BE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND		A11 81205		Product HR pickl. wide strip in sheets		B01 Marking Manufacturer, MATERIAL ID		B06 Standard/rules SSAB Steel grade DOMEX LASER 355 MC D		B02 D16 Deliv. Cond. D04 Internal code	
Quantity D08 7		Dimensions [mm] T 8 W 1500 L 3000		D09-D11 Weight [kg] 2000		D12		D16		B15	
Consignee RE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND		A06 Customer marks		Customer marks		B15		B07		B15	
MATERIAL ID 29-2706-597046-10											

Chemical composition																	
Heat no 29-2706	C	Si	Mn	P	S	Cr	Ni	Mo	V	Ti	Cu	Al	Nb	B	N	Cekv	C93-C99 Carbon equivalent etc Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5
	.070	.01	.58	.008	.004	.02	.03	.00	.01	.00	.01	.044	.038	.0001	.003	.18	

Testtype	C04 Millicode	C00 Specimen position	C01 Specimen position	C02 Direction	B05 Treatment	C10 Specimen type	C03 Temp [degr C]	Test results					
								C11 Reh [MPa]	C12 Rm [MPa]	C13 A5 [%]	C43 Ave [J]		
Tensile test	BIP011	Top end	Longitudinal	Delivery condition	Rectangular 380x40	-20	C11 365	C12 484	C13 30,5	C43 208			
Impact test	BIP012	Top end	Longitudinal	Delivery condition	Charpy-V 10x7.5		C42 198	C42 210	C42 217				
Bend test	BIP013	Top end	Transvers	Delivery condition	Rectangular 300x25		C50 The test is satisfactory						

Production time: 2014-10-13

It is hereby certified that the material described above complies with the requirements of the order.	Z02	This certificate is produced with EDP and valid without signature Material Testing/ L Smedh/ M Eriksson/ L Söderqvist	Z01	A04 DOMEX [®] HIGH STRENGTH STEEL www.domex.com
	Z02		A22	