

SSAB EMEA AB, SE-781 84 BORLÅNGE, Sweden

Inspection certificate EN 10 204 - 3.1	A02	Issuing department Quality inspection	A05	Purchaser order no P025390	A07	Our order no 814306-6	A08	Invoice no 2622883	A19	Certificate no and date 15067942 2014-10-08	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	
Quantity D08 12		Dimensions [mm] T 10 W 1500 L 3000		D09-D11 Weight [kg] 4270		D12		Deliv. Cond. D04		Internal code DOMEX LASER 355 MC D B16	
Consignee RE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND		A06		Customer marks		B15					
MATERIAL ID 60-9044-594715-07 , 60-9044-594715-10											

Chemical composition																	
Heat no 60-9044	C	Si	Mn	P	S	Cr	Ni	Mo	V	Ti	Cu	Al	Nb	B	N	Cekv	C93-C99
	.066	.02	.58	.008	.005	.03	.05	.03	.01	.00	.00	.038	.036	.0002	.003	.18	C71-C92 Carbon equivalent etc Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5

Testtype	C04 Millicode	C00 Specimen position	C01 Specimen position	C02 Direc-tion	C02 Treat-ment	B05 Specimen type	C10 Temp [degr C]	C03 Test results				
								C11 Reh [MPa]	C12 Rm [MPa]	C13 A5 [%]	C43 Ave [J]	
Tensile test	BIG612	Top end	Longitudinal	Longitudinal	Delivery condition	Rectangular 380x40	-20	399	495	31.0		
Impact test	BIG613	Top end	Longitudinal	Longitudinal	Delivery condition	Charpy-V 10x7.5	-20	191	190	208	C42 E [J]	C43 Ave [J] 196
Bend test	BIG614	Top end	Transvers	Transvers	Delivery condition	Rectangular 300x25		C50 The test is satisfactory				

Production time: 2014-10-06

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	A22	A04
					DOMEX® HIGH STRENGTH STEEL www.domex.com