

SSAB EMEA AB, SE-781 84 BORLÅNGE, Sweden

Inspection certificate EN 10 204 - 3.1		A02	Issuing department Quality inspection		A05	Purchaser order no P026477		A07	Our order no 818157-5		A08	Invoice no 2629012		A19	Certificate no and date 15112683 2014-10-31		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			
Quantity 37		D08		Dimensions [mm] T 12 W 1500 L 3000		D09-D11		Weight [kg] 15830		D12		Deliv. Cond. D04		Internal code D16			
Consignee RE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND		A06		Customer marks		B15											
MATERIAL ID 60-9135-603241-04 , 60-9135-603241-05 , 60-9135-603241-06 , 60-9135-603241-07 , 60-9135-603241-08 , 60-9135-603241-09 , 60-9135-603241-10		B07															

Chemical composition		C71-C92		C93-C99													
Heat no 60-9135	C .062	Si .01	Mn .60	P .004	S .003	Cr .03	Ni .05	Mo .02	V .01	Ti .00	Cu .01	Al .041	Nb .035	B .0002	N .004	Cekv .18	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 [%]
Tensile test	BJN190	Top end	Longitudinal	Delivery condition	Rectangular 380x40	-20	403	493	32,5	
Impact test	BUN191	Top end	Longitudinal	Delivery condition	Charpy-V 10x10		184	206	186	
Bend test	BJN192	Top end	Transvers	Delivery condition	Rectangular 300x25		C50 The test is satisfactory			

Production time: 2014-10-29

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
					