

SSAB EMEA AB, SE-781 84 BORLÄNGE, Sweden

Inspection certificate EN 10 204 - 3.1	A02	Issuing department Quality inspection	A05	Purchaser order no st#26786	A07	Our order no 794795-5	A08	Invoice no 2575405	A19	Certificate no and date 14744432 2014-03-20	A03
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Purchaser ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND	A11	Product HR pickled wide strip in coils	B01	Marking Manufacturer, MATERIAL ID	B06	Standard/rules EN 10149-2	B02			
	24574	Quantity 1	B08	Dimensions [mm] T 6 W 1500 L 0	B09-B11	Weight [kg] 26330	B12	Deliv. Cond. B04	Internal code B16	
		Consignee ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND	A06	Customer marks	B15					
MATERIAL ID 57-2745-541835										B07

Chemical composition										C71-C92	Carbon equivalent etc	C93-C99					
Heat no 57-2745	C .072	Si .01	Mn .60	P .009	S .004	Cr .03	Ni .03	Mo .00	V .01	Ti .00	Cu .01	Al .039	Nb .034	B .0001	N .003	Cekv .18	$Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5$

Testtype	C04	Millcode	C00	Specimen position	C01	Direction	C02	Treatment	B05	Specimen type	C10	Temp [degr C]	C03	Test results			
Tensile test	AYL930	Top end	Longitudinal	Delivery condition	Rectangular 380x40									C11 Reh [MPa] 412	C12 Rm [MPa] 479	C13 A5 [%] 33,0	
Impact test	AYL931	Top end	Longitudinal	Delivery condition	Charpy-V 10x5	-20								C42 E [J] 94	C42 E [J] 106	C42 E [J] 103	C43 Ave [J] 101
Bend test	AYL932	Top end	Transvers	Delivery condition	Rectangular 300x25									C50 The_test_is satisfactory -			

Production time: 2014-03-19

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	Z01		A22		A04
		Material Testing/ L Smedh/ M Eriksson/ L Söderqvist					