

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#27188	A07	Our order no 799883-7	A08	Invoice no 2592774	A19	Certificate no and date 14855631 2014-05-27	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 12 W 1500 L 0	B09-B11	Weight [kg] 26610	B12	Deliv. Cond. B04	Internal code B16	
		Consignee ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND	A06	Customer marks B15						
MATERIAL ID 60-8576-559989										B07

Chemical composition										C71-C92	Carbon equivalent etc	C93-C99						
Heat no 60-8576	C .074	Si .02	Mn .59	P .007	S .004	Cr .04	Ni .04	Mo .02	V .01	Ti .00	Cu .01	Al .036	Nb .030	B .0002	N .003	Cekv .19	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		BBQ933		Top end		Longitudinal		Delivery condition		Rectangular 380x40				C11 Reh [MPa] 388	C12 Rm [MPa] 458	C13 A5 [%] 33,0		
Impact test		BBQ934		Top end		Longitudinal		Delivery condition		Charpy-V 10x10		-20		C42 E [J] 241	C42 E [J] 261	C42 E [J] 243	C43 Ave [J] 248	
Bend test		BBQ935		Top end		Transvers		Delivery condition		Rectangular 300x25				C50 The_test_is satisfactory -				

Production time: 2014-05-18

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			