

Inspection certificate EN 10 204 - 3.1	A02	Issuing department Quality inspection	A05	Purchaser order no st#26838	A07	Our order no 795641-9	A08	Invoice no 2580333	A19	Certificate no and date 14774883 2014-04-08	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] 26550	B12	Deliv. Cond. B04	Internal code B16
		Consignee ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND	A06	Customer marks	B15				
MATERIAL ID 57-2976-544398							B07		

Chemical composition										C71-C92	Carbon equivalent etc	C93-C99					
Heat no 57-2976	C .071	Si .01	Mn .59	P .010	S .003	Cr .03	Ni .03	Mo .00	V .01	Ti .00	Cu .01	Al .049	Nb .038	B .0000	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	AYY819	Top end	Longitudinal	Delivery condition	Rectangular 380x40									C11 Reh [MPa] 417	C12 Rm [MPa] 499	C13 A5 [%] 29,0	
Impact test	AYY820	Top end	Longitudinal	Delivery condition	Charpy-V 10x10	-20								C42 E [J] 222,6	C42 E [J] 236,6	C42 E [J] 224,8	C43 Ave [J] 228
Bend test	AYY821	Top end	Transvers	Delivery condition	Rectangular 300x25									C50 The_test_is satisfactory -			

Production time: 2014-03-28

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			