

SSAB EMEA AB, SE-781 84 BORLÄNGE, Sweden

<b>Inspection certificate</b> EN 10 204 - 3.1	A02	<b>Issuing department</b> Quality inspection	A05	<b>Purchaser order no</b> st#26750	A07	<b>Our order no</b> 794053-7	A08	<b>Invoice no</b> 2576650	A19	<b>Certificate no and date</b> 14752261 2014-03-25	A03
--	-----	---	-----	---------------------------------------	-----	---------------------------------	-----	------------------------------	-----	---	-----

<b>Purchaser</b> ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND	A11	<b>Product</b> HR pickled wide strip in coils	B01	<b>Marking</b> Manufacturer, MATERIAL ID	B06	<b>Standard/rules</b> EN 10149-2	B02		
	24574	<b>Quantity</b> 1	B08	<b>Dimensions [mm]</b> T 10 W 1500 L 0	B09-B11	<b>Weight [kg]</b> 25750	B12	<b>Deliv. Cond.</b> B04	<b>Internal code</b> B16
		<b>Consignee</b> ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND	A06	<b>Customer marks</b>	B15				
<b>MATERIAL ID</b> 28-7843-539920							B07		

Chemical composition										C71-C92	Carbon equivalent etc	C93-C99					
<b>Heat no</b> 28-7843	<b>C</b> .068	<b>Si</b> .01	<b>Mn</b> .60	<b>P</b> .007	<b>S</b> .003	<b>Cr</b> .03	<b>Ni</b> .03	<b>Mo</b> .00	<b>V</b> .01	<b>Ti</b> .00	<b>Cu</b> .01	<b>Al</b> .044	<b>Nb</b> .038	<b>B</b> .0000	<b>N</b> .003	<b>Cekv</b> .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			
Impact test		AYU039		Top end		Longitudinal		Delivery condition		Charpy-V 10x7.5		-20		C42 E [J] <b>177</b>	C42 E [J] <b>189</b>	C42 E [J] <b>181</b>	C43 Ave [J] <b>182</b>
Bend test		AYU040		Top end		Transvers		Delivery condition		Rectangular 300x25				C50 The test is satisfactory -			
Tensile test		AYU041		Top end		Longitudinal		Delivery condition		Rectangular 380x40				C11 Reh [MPa] <b>403</b>	C12 Rm [MPa] <b>501</b>	C13 A5 [%] <b>32,0</b>	

Production time: 2014-03-24

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			