

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#29658	A07	Our order no 826360-1	A08	Invoice no 2646203	A19	Certificate no and date 15224768 2015-01-21	A03
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Purchaser ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND	A11	Product HR pickl. wide strip in sheets	B01	Marking Manufacturer, MATERIAL ID	B06	Standard/rules SSAB Steel grade	B02			
	24574	Quantity 31	B08	Dimensions [mm] T 6 W 1500 L 3000	B09-B11	Weight [kg] 6650	B12	Deliv. Cond. B04	Internal code DOMEX 355 MC D	B16
	Consignee ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND				A06	Customer marks				

MATERIAL ID 60-9409-623998-08 , 60-9409-623998-09 , 60-9409-623998-10	B07
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Chemical composition	C71-C92	Carbon equivalent etc	C93-C99														
Heat no 60-9409	C .055	Si .01	Mn .57	P .004	S .003	Cr .03	Ni .05	Mo .01	V .01	Ti .00	Cu .01	Al .042	Nb .022	B .0002	N .004	Cekv .16	Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5

Testtype	Millcode	Specimen position	Direction	Treatment	Specimen type	Temp [degr C]	Test results				
Tensile test	BNA708	Top end	Longitudinal	Delivery condition	Rectangular 380x40		C11 Reh [MPa] 378	C12 Rm [MPa] 461	C13 A5 [%] 40.5		
Impact test	BNA709	Top end	Longitudinal	Delivery condition	Charpy-V 10x5	-20	C42 E [J] 126	C42 E [J] 117	C42 E [J] 112	C43 Ave [J] 118	
Bend test	BNA710	Top end	Transvers	Delivery condition	Rectangular 300x25		C50 The test is satisfactory				

Production time: 2015-01-17

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			 www.domex.com