

U.S.Steel Košice, s.r.o. A01 Vstupný areál U.S.Steel 044 54 Košice SLOVAK REPUBLIC	Purchaser Art. No: 7B7SWA28/07 A09 Works Order No: XC810894 A08 Advice No: 18/307026 01 A10 Your order: 30112017 A07	SIA "EMJ Metāls" A06 Meža iela 20-15, Tukuma nov. LV-3101 TUKUMS Latvia
METALLURGICAL CERTIFICATE NO: 18/307026 01 A03		B09
Desc. of goods: HOT ROLLED STEEL SHEETS B01 SHARPCUT		Size: 5,000 x 1500,0 x 6000,0 mm EN 10051/10
Standard: EN 10025-2/04 B02	B03	Pcs: 27 B08 Net Weight: 9 720 kg B13
Quality: S355J2+N B02	Delivery Note: X0098401 A10	

Unit No	Coil No	Heat	B07	Unit No	Coil No	Heat	B07
CA18100519005	4998004	49980		CA18100519007	4998004	49980	
CA18100519006	4998004	49980		CA18100519008	4998004	49980	

M E C H A N I C A L T E S T R E S U L T S

Coil No
Min. / Max. 4998004

C12 Rm C03 +20°C(T)	(MPA)	470/630	576
C11 ReH C03 +20°C(T)	(MPA)	355/	440
C13 A5 C03 +20°C(T)	(%)	20,0/	23,0

C02 Direction: (T)-transversal;

C70 Proces of steel production: LD-PROCES; Continuous casting; Controlled rolling mode.

D01 Inspection of surface appearance, shape and dimensions was conducted.
The results meet the requirements.

C71


C H E M I C A L C O M P O S I T I O N, %

Min. / Max.		Heat No 49980	Min. / Max.		Heat No 49980
C	/0,20	0,19	Mn	/1,60	1,02
Si	0,146/0,254	0,202	P	/0,025	0,015
Al	0,020/	0,037	S	/0,025	0,007
Cr	/0,30	0,02	Cu	/0,55	0,03
CEV	/0,460	0,369	Mo	/0,060	0,003
Ni	/0,30	0,01	V	/0,080	0,001

THE MATERIAL IS IN COMPLIANCE WITH ORDER REQUIREMENTS. Z01

The measured weight-based activity of Co60 + Cs137 + Am241 radionuclide is not higher than 100 Bq/kg. D02

68 Last Page: 1
F-USM/0063-04/10-01-12

Z04  06 1015-CPR-E-30-20419-15 DoP USSK-06/2017 www.usske.sk	Z05	Z02 Sertifikaatin allekirjoittaja on Jozef Červeňák <jcervenak@sk.uss.com>, kelpoisuus(tunnustamon) Digitally signed by Jozef Červeňák Date: 2018.01.26 10:06:42 CET Reason: Zabezpečuje vierohodnosť pôvodu,	Z03 U. S. Steel Košice, s.r.o. 02 Vstupný areál U. S. STEEL Odbor Analýzy kvality a špecifikácie Uvoľňovanie výrobkov a Hutné atesty 044 54 Košice
Košice: 26.01.2018, 7:30:58 JOZEF ČERVEŇÁK, AUTHORIZED INSPECTION REPRESENTATIVE. e-mail: jcervenak@sk.uss.com, tel.: +421-55-6737464 DARINA BERNÁTOVÁ, AUTHORIZED INSPECTION REPRESENTATIVE. e-mail: dbernatova@sk.uss.com, tel.: +421-55-6732373			Z02