

Inspection certificate according to EN 10 204-3.1

U.S.Steel Košice, s.r.o.
Vstupný areál U.S. Steel
044 54 Košice
SLOVAK REPUBLIC

Code: 747P5UI3/26
Works Order No: XC391688
Advice No: 13/462053 01
Your order: 08/MAX/08/13

MAXSTAL Sp. z o.o.
KOSIARZY 8
30-731 KRAKOW
Poland

METALLURGICAL CERTIFICATE NO: 13/462053 01

Desc. of goods: HOT ROLLED STEEL COILS		Size: 6,000 x 1500,0 mm EN 10051/10
Standard: EN 10149-2/95		Net Weight: 38 810 kg
Quality: S355MC	Spec. No: 22084101	

Unit No	Coil No	Heat	Unit No	Coil No	Heat
5072209	5072209	50722	5072308	5072308	50723

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

	Min. / Max.	Coil No 5072209	Coil No 5072308
Bend test-ALFA(1) (ST)	180/	180	180
Tensile strength-Rm(2) (MPA)	430/550	494	497
Yield point-ReH(2) (MPA)	355/	429	430
Elongation A5(2) (%)	23,0/	32,0	31,5

Direction: (1)-transversal; (2)-longitudinal;

Certyfikat Nr ZKP/3/2012, ZETOM Katowice AC 005
Krajowa deklaracja zgodności NR 1/2012, 26.11.2012

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

	Min. / Max.	Heat No 50722	Heat No 50723		Min. / Max.	Heat No 50722	Heat No 50723
C	/0,12	0,08	0,08	Mn	/1,50	0,80	0,70
Si	/0,030	0,015	0,010	P	/0,025	0,009	0,008
Al	0,015/	0,039	0,037	S	/0,020	0,005	0,004
Nb	/0,090	0,036	0,026	Ti	/0,150	0,016	0,013
V	/0,200	0,001	0,001	F05	/0,220	0,053	0,040

F05=Nb+V+Ti

On the basis of the IAEA recommendation allowed limit of weight-based activity of a heat sample amounts up to 300 Bq/kg. 241 Last Page: 1
The measured weight-based activity of Co60 + Cs137 radionuclide is not higher than 100 Bq/kg. F-USM/0063-04/10-01-12
Košice: 14.09.2013, 7:30:41 THE MATERIAL IS IN COMPLIANCE WITH ORDER REQUIREMENTS.
JOZEF ČERVENÁK, AUTHORIZED INSPECTION REPRESENTATIVE. e-mail: jcervenak@sk.uss.com, tel.: +421-55-6737464
DARINA BERNÁTOVÁ, AUTHORIZED INSPECTION REPRESENTATIVE. e-mail: dbernatoval@sk.uss.com, tel.: +421-55-6732373



U. S. Steel Košice, s.r.o.
Vstupný areál U. S. STEEL
Odbor Analýzy kvality a špecifikácie
Uvoľňovanie výrobkov a Hutmé atesty
044 54 Košice