



A01		A02		A10	A11	A07 Purch contract nr.		A03 Statement No:		Modification:	
Producer's Plant: ISD DUNAFERR ZRT „2400 DUNAÚJVÁROS, VASMIÚ TÉR 1-3.		Type of statement: 3.1-EN 10204-2004		Delivery date: 2015.11.04	Date of issue 2015.11.06	1108878		0027283186/000001		0	
A06.1		A06.2		A08.1		A08.2		B01.2 Dimension standard:			
Name of customer: OY KONTINO AB		Address of customer: Finland,01301,VANTAA,Hakintie 6		Order nr/item: 000461676/000001		Contract nr: 000461676/000001		EN 10051:1991+A1:1997 B02			
A04		A05		B01.1 Designation of product:		Quality marking:					
Metal stamp:		Place of destination: OY KONTINO AB,Finland,01380,VANTAA,Hakintie,6-8		Net weight (t)		S355MC EN 10149-2:2013					
C05 Place of inspection:		B07.3		B07.2		B07.1		B04 Delivery terms of the product			
		Packet nr.		Coil No		Sample No		Picked oiled			
		7366600100		7366600700		90000493171					
		7366600200		7366600300		90000493171					
		7366600300		7366600400		90000493171					
		7366600500		7366600600		90000493171					
		7366600700		7366600800		90000493171					
		7366600900		7366601000		90000493171					
		7366601100		7366601200		90000493171					
		7366601300		7366601400		90000493171					
		7366601500		7366601600		90000493171					
		7366601700		7366601800		90000493171					
		7366601900		7366602000		90000493171					
		7366602100		7366602200		90000493171					
		7366602300		7366602400		90000493171					
		7366602500		7366602600		90000493171					
		7366602700		7366602800		90000493171					
		7366602900		7366603000		90000493171					
		7366603100		7366603200		90000493171					
		7366603300		7366603400		90000493171					
		7366603500		7366603600		90000493171					
		7366603700		7366603800		90000493171					
		7366603900		7366604000		90000493171					
		7366604100		7366604200		90000493171					
		7366604300		7366604400		90000493171					
		7366604500		7366604600		90000493171					
		7366604700		7366604800		90000493171					
		7366604900		7366605000		90000493171					
		7366605100		7366605200		90000493171					
		7366605300		7366605400		90000493171					
		7366605500		7366605600		90000493171					
		7366605700		7366605800		90000493171					
		7366605900		7366606000		90000493171					
		7366606100		7366606200		90000493171					
		7366606300		7366606400		90000493171					
		7366606500		7366606600		90000493171					
		7366606700		7366606800		90000493171					
		7366606900		7366607000		90000493171					
		7366607100		7366607200		90000493171					
		7366607300		7366607400		90000493171					
		7366607500		7366607600		90000493171					
		7366607700		7366607800		90000493171					
		7366607900		7366608000		90000493171					
		7366608100		7366608200		90000493171					
		7366608300		7366608400		90000493171					
		7366608500		7366608600		90000493171					
		7366608700		7366608800		90000493171					
		7366608900		7366609000		90000493171					
		7366609100		7366609200		90000493171					
		7366609300		7366609400		90000493171					
		7366609500		7366609600		90000493171					
		7366609700		7366609800		90000493171					
		7366609900		7366610000		90000493171					
		7366610100		7366610200		90000493171					
		7366610300		7366610400		90000493171					
		7366610500		7366610600		90000493171					
		7366610700		7366610800		90000493171					
		7366610900		7366611000		90000493171					
		7366611100		7366611200		90000493171					
		7366611300		7366611400		90000493171					
		7366611500		7366611600		90000493171					
		7366611700		7366611800		90000493171					
		7366611900		7366612000		90000493171					
		7366612100		7366612200		90000493171					
		7366612300		7366612400		90000493171					
		7366612500		7366612600		90000493171					
		7366612700		7366612800		90000493171					
		7366612900		7366613000		90000493171					
		7366613100		7366613200		90000493171					
		7366613300		7366613400		90000493171					
		7366613500		7366613600		90000493171					
		7366613700		7366613800		90000493171					
		7366613900		7366614000		90000493171					
		7366614100		7366614200		90000493171					
		7366614300		7366614400		90000493171					
		7366614500		7366614600		90000493171					
		7366614700		7366614800		90000493171					
		7366614900		7366615000		90000493171					
		7366615100		7366615200		90000493171					
		7366615300		7366615400		90000493171					
		7366615500		7366615600		90000493171					
		7366615700		7366615800		90000493171					
		7366615900		7366616000		90000493171					
		7366616100		7366616200		90000493171					
		7366616300		7366616400		90000493171					
		7366616500		7366616600		90000493171					
		7366616700		7366616800		90000493171					
		7366616900		7366617000		90000493171					
		7366617100		7366617200		90000493171					
		7366617300		7366617400		90000493171					
		7366617500		7366617600		90000493171					
		7366617700		7366617800		90000493171					
		7366617900		7366618000		90000493171					
		7366618100		7366618200		90000493171					
		7366618300		7366618400		90000493171					
		7366618500		7366618600		90000493171					
		7366618700		7366618800		90000493171					
		7366618900		7366619000		90000493171					
		7366619100		7366619200		90000493171					
		7366619300		7366619400		90000493171					
		7366619500		7366619600		90000493171					
		7366619700		7366619800		90000493171					
		7366619900		7366620000		90000493171					
		7366620100		7366620200		90000493171					
		7366620300		7366620400		90000493171					
		7366620500		7366620600		90000493171					
		7366620700		7366620800		90000493171					
		7366620900		7366621000		90000493171					
		7366621100		7366621200		90000493171					
		7366621300		7366621400		90000493171					
		7366621500		7366621600		90000493171					
		7366621700		7366621800		90000493171					
		7366621900		7366622000		90000493171					
		7366622100		7366622200		90000493171					
		7366622300		7366622400		90000493171					
		7366622500		7366622600		90000493171					
		7366622700		7366622800		90000493171					
		7366622900		7366623000		90000493171					
		7366623100		7366623200		90000493171					
		7366623300		7366623400		90000493171					
		7366623500		7366623600		90000493171					
		7366623700		7366623800		90000493171					
		7366623900		7366624000		90000493171					
		7366624100		7366624200		90000493171					
		7366624300		7366624400		90000493171					
		7366624500		7366624600		90000493171					
		7366624700		7366624800		90000493171					
		7366624900		7366625000		90000493171					
		7366625100		7366625200		90000493171					
		7366625300		7366625400		90000493171					
		7366625500		7366625600		90000493171					
		7366625700		7366625800		90000493171					
		7366625900		7366626000		90000493171					
		7366626100		7366626200		90000493171					
		7366626300		7366626400		90000493171					
		7366626500		7366626600		90000493171					
		7366626700		7366626800		90000493171					
		7366626900		7366627000		90000493171					
		7366627100		7366627200		90000493171					
		7366627300		7366627400		90000493171					

Modification: 0

A03 Statement No: 0027283186/0000001

CHEMICAL INSPECTION														C94:										
C71	C72	C73	C74	C75	C76	C77	C78	C79	C80	C81	C82	C83	C84	C85	C86	C87	C88	C89	C90	C91	C92	C93	Nb+Ti +V	
C	Mn	Si	S	P	N	Al	Cu	Cr	Ni	V	Nb	Ti	B	Ca	Mo	O	Zr	As	Sn	W	Co	Cev		
	1.50	0.500	0.020	0.025		0.015				0.200	0.090	0.150											0.000	
						0.015																	0.220	
	1.50	0.030	0.020	0.025						0.200	0.090	0.150											0.000	
																							0.220	
930783	0.06	0.73	0.023	0.009	0.011	0.005	0.043	0.011	0.013	0.007	0.003	0.030	0.001	0.0003	0.002	0.002		0.002	0.001			0.19	0.034	
Chemical composition																								
Finished product chemistry																								

Mechanical tests	C10 		Tensile test										r90	n90	IE	Bending test				T _H	10 ave	Hardness				J Magnetic polanz (T)			Total loss. P1.517/ 50Hz (W/kg)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			C01	C02	C04	C11		C12	C13		C15	R _{pl} R _{tm}				C51	Bend. rad. (mm)	C56	Bend angle			C52	Result	Type	Val.	Val.	Average	H2500 A/m		H5000 A/m	H10000 A/m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Code according to EN 10168:2004

The sample is a quadratic cross-section taken from sheet in every case.

C10 Shape of sample: 2 = 10 meters from the head end; 3 = 10 meters from the tail end; 5 = beginning of the coil; 6 = end of coil; 7 = middle of the coil; 8 = Other; A = CR coil beginning; B = CR coil middle; C = CR coil end; D OR after batch 1

C01 Position of the sample: 3 = L = lengthwise; 4 = T = crosswise; 5 = Z = diagonal

C02 Direction of the sample: 1 = rolled; 2 = annealed; 9 = normalized; A = CR raw material; B = CR pickled; C = CR rolled; D = CR annealed; E = CR skinned; F = CR finished

C04 State of the sample: 1 = rolled; 2 = annealed; 9 = normalized; A = CR raw material; B = CR pickled; C = CR rolled; D = CR annealed; E = CR skinned; F = CR finished

D01 Marking and identification, surface properties, shape and dimensions.

Marking and identification, control of surface properties, measure of shape and dimensions are completed, the product complies with the contract requirement.

D01 The product complies with the contract requirements.

D01 Supplementary information:

1. Radioactivity: We verify that the produced and delivered products do not increase the radioactivity in environment, the radioactivity is under the normal value of 100 Bq/kg.

2. 1N/mm²=1MPa

ISD DUNAFERR Zrt.
Minőségügyi Főosztály
Kovács Erzsébet
1045.

ISD DUNAFERR Zrt.
Minőségügyi Főosztály
Szakértő: Peterdi Zsolt
Eng.sz.: 26C-10530-13057
1029.