



Adress : Barış Mahallesi,1805/3 Sokak.No:5/A Gebze Kocaeli.
Tel :+90 262 644 00 20 PBX
Fax :+90 216 515 48 86
Web :www.sonmezlermetal.com.tr

MALZEME TEST SERTİFİKASI MILL TEST CERTIFICATE

Müşteri Adı ve Adresi:
Name and Address of the Customer:

LLC METALICA-ZUEV
MD-2028, Moldova, Chisinau st. G. Asaki, 62 – 22



EN 10219 NO: 2138-CPR-250/22
EN 10219 DOP NO: SNM.DOP.001

Sertifika No/Certificate No : 298
Sayfa/Page : 1
Sevk Tarihi/Date of Dispatch : 6.11.2023
Sertifika Tarihi/Certificate Date : 7.11.2023
Sertifika Normu/Certificate Norm : EN 10204:2004/3.1
Satış Belgesi/Order No : SSPA-017089
Sefer Numarası/Shipment No : HXX860

Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

Sıra Item	Tip Type	Ebat Size	Barkod Barcode	Döküm Heat	KG	Lot No	Üretim Normu Production Norm	Kalite Steel Grade	YS N/mm ²	TS N/mm ²	E %	N. Bölgesi S. Location	N. Yönü S.Direction	N. Şekli S.Type	IE 1 J	IE 2 J	IE 3 J	IE AV. J	TT °C	N. Şekli S.Type	N.Genişliği S.Width	HT BAR	HT TIME Sec.
1		14.0 mm Plaka	1500x6000	B000374234	ND33109-010	13948,6	SSPA-017089	UR20-058893	S235JR	306	472	28,3											
2		20.0 mm Plaka	1500x6000	B000365177	PA01259-201	1425	SSPA-017089	UR20-057277-002-001	S235JR	292	445	30,8											
3		25.0 mm Plaka	1500x6000	B000397954	PA02412-204	7126,4	SSPA-017089	UR20-062882-052-001	S235JR	298	459	31,8											
4																							
5																							

Kimyasal ve Diğer Testler / Chemical and Other Tests

Sıra Item	Barkod Barcode	C %	Si %	S %	Mn %	P %	Al %	Cr %	Mo %	Ni %	Cu %	N %	Ti %	V %	Nb %	Ceq %	CEIW %	CEPCM %	M	Heat Treatment		VDC	FT	BD	EX	Non Destructive Testin			B
																				Type	Temp.					ECT	UT	PA	
1	B000374234	0,17	0,02	0,008	0,90	0,014		0,01	0,006	0,01	0,02		0,001	0,001	0,001	0,321													
2	B000365177	0,17	0,02	0,004	0,70	0,023		0,10	0,020	0,11	0,42		0,001	0,003	0,001	0,346													
3	B000397954	0,16	0,02	0,002	0,80	0,012		0,06	0,018	0,08	0,24		0,001	0,005	0,001	0,330													
4																													
5																													

G İyi/Good
YS :Akma Muk./Yield Strength(N/mm²)
TS :Çekme Muk./Tensile Strength(N/mm²)
E :Uzama/Elongation (%)
B: Havsalı/ Bevelled
VDC: Göznel Kontrol/ Visual&Dimensional Check
EK: Genişleme/ Expanding
HT: Hidrostatik Test/ Hydrostatic Test(Bar)
IE :Darbe Enerjisi/Impact Energy
TT :Test Sıcaklığı/ Test Temp.for Impact Testing
HT TIME: Saniyel/ Second
FT: Yassıtma/ Flattening
BD: Bükme/Bending

WS: Kaynak Dikisi/Weld Seam
FB: Tüm Gövde/Full Body
M: Markalama/Marking
PA/PPB: Paket İçi Adet/Pieces per bundle
L: Boyunsaç/Length(Inch)
T: Enine/Transverse
WS: Kaynak Dikisi/Weld Seam
ECT: Eddy Current Test
UT: Ultrasonic Test
PA: Phased Array
F: Düz/Flat
P: Boru/Pipe

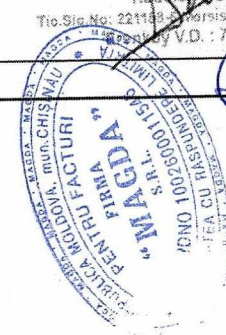
EN 10219-1 CE Kapsam/Scope:
20mmX20mm' den - 120mmX120mm 'ye kadar,
kalınlık 1,50 mm'den 6 mm'ye kadar kare profil
From 20mmX20mm up to 120mmX120mm
Thickness: from 1,50mm up to 6mm square profile
10mmX30 mm 'den 100x150 mm'ye kadar,
kalınlık 1,50 mm'den 6 mm'ye kadar dikdörtgen profil
From 10mmX30mm up to 100mmX150mm
Thickness: from 1,50mm up to 6mm rectangular profile
Ø 19mm'den -Ø 165,1mm'ye kadar
kalınlık 1,50 mm'den 6 mm'ye kadar kare profil dairesel profil
From Ø 19mm Ø165,1 mm
Thickness: from 1,50mm up to 6mm circular profile

Onay/Approved By

Kalite Müdürü/Quality Manager
OĞUZ KEMAL ÖNER
oguzoner@sonmezlermetal.com.tr

SÖNMEZLER METAL DEMİR ÇELİK
İNŞ. SAN. VE TİC. A.Ş.
19 Mayıs Mahallesi Sok. No:4
Kadıköy - İSTANBUL
Tic.Sic.No: 221168 Şahıs No: 5779280500820001
V.D. : 779 000 5008

Bu Sertifika SÖNMEZLER METAL DEMİR ÇELİK İNŞ SAN VE TİC. A.Ş. tarafından üretilen standartlara ve sipariş kontratına uygun olduğunu teyit ederiz.
These results are certified by SÖNMEZLER METAL DEMİR ÇELİK İNŞ SAN VE TİC. A.Ş. and compli with the requirements of the product description.





Adress : Barış Mahallesi.1805/3 Sokak.No:5/A Gebze Kocaeli.
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MALZEME TEST SERTİFİKASI MILL TEST CERTIFICATE

CE 2797 CPR 795327

UK 0086 CPR 784543

EN 10219 NO: 2797 CPR 795327

EN 10219 DOP NO: SNM.DOP.001

Sertifika No/Certificate No : 464
Sayfa/Page : 1
Sevk Tarihi/Date of Dispatch : 23.01.2024
Sertifika Tarihi/Certificate Date : 23.01.2024
Sertifika Normu/Certificate Norm : EN 10204:2004/3.1
Satış Belgesi/Order No : SSPA-017864
Sefer Numarası/Shipment No : RGR789

Müşteri Adı ve Adresi:
Name and Address of the Customer:
LLC METALICA-ZUEV
MD-2028, Moldova, Chisinau st. G. Asaki, 62 - 22

Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

Sıra Item	Tip Type	Ebat Size	Barkod Barcode	Döküm Heat	KG	Lot No	Üretim Normu Production Norm	Kalite Steel Grade	YS N/mm ²	TS N/mm ²	E %	N. Bölgesi S. Location	N. Yönü S. Direction	N. Şekli S. Type	IE 1 J	IE 2 J	IE 3 J	IE AV. J	TT °C	N. Şekli S. Type	N. Geniğiği S. Width	HT BAR	HT TIME Sec.	
1		10.0 mm Plaka	1500x6000	B000437750	PE20439-011	10620	SSPA-017864	UR20-069622-001-001	S235JR	305	420	33,2												
2		10.0 mm Plaka	1500x6000	B000436389	PE20439-011	11330	SSPA-017864	UR20-069622-001-002	S235JR	305	420	33,2												
3																								
4																								
5																								

Kimyasal ve Diğer Testler / Chemical and Other Tests

Sıra Item	Barkod Barcode	C %	Si %	S %	Mn %	P %	Al %	Cr %	Mo %	Ni %	Cu %	N %	Ti %	V %	Nb %	Coq %	CEIW %	CEPCM %	M	Heat Treatment		VDC	FT	BD	EX	Non Destructive Testin			B
																				Type	Temp.					ECT	UT	PA	
1	B000437750	0,16	0,01	0,012	0,61	0,018		0,03	0,006	0,02	0,06		0,001	0,002	0,002	0,270													
2	B000436389	0,16	0,01	0,012	0,61	0,018		0,03	0,006	0,02	0,06		0,001	0,002	0,002	0,270													
3																													
4																													
5																													



G İyi/Good
YS :Akma Muk./Yield Strength(N/mm²)
TS :Çekme Muk./Tensile Strength(N/mm²)
E :Uzama/Elongation (%)
B :Havzalı/Bevelled
VDC: Görsel Kontrol/ Visual&Dimensional Check
EX: Genişletme/ Expanding
HT: Hidrostatik Test/ Hydrostatic Test(Bar)
IE :Darbe Enerjisi/Impact Energy
TT :Test Sıcaklığı/ Test Temp.for Impact Testing
HT TIME: Saniye/ Second
FT: Yassılma/ Flattamin
BD: Bükme/Bending

WS: Kaynak Dikişi/Weld Seam
FB: Tüm Gövde/Full Body
M: Markalama/Marking
PA/PPB: Paket içi adet/Pieces per bundle
C: Soyunma/Coating
T: Enine/Transverse
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EN 10219-1 CE Kapsam/Scope:
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kalınlık 1,50 mm'den 6 mm'ye kadar kare profil
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10mmX30 mm 'den 100x150 mm'ye kadar,
kalınlık 1,50 mm'den 6 mm'ye kadar dikdörtgen profil
From 10mmx30mm up to 100mmx150mm
Thickness: from 1,50mm up to 6mm rectangular profile
Ø 19mm'den -Ø 165,1mm'ye kadar
kalınlık 1,50 mm'den 6 mm'ye kadar kare profil dairesel profil
From Ø 19mm toØ165,1 mm
Thickness: from 1,50mm up to 6mm circular profile

Onay/Approved By
Kalite Müdürü/Quality Manager
OGUZ KEMAL ÖNER
oguzoner@sonmezlermetal.com.tr
Tic. Sic. No: 279730/0600800001
0216 515 48 86

Bu Sertifika SÖNMEZLER METAL DEMİR ÇELİK İNŞ SAN VE TİC. A.Ş. tarafından üretilen standartlara ve sipariş kontratına uygun olduğunu teyit ederiz.
These results are certified by SÖNMEZLER METAL DEMİR ÇELİK İNŞ SAN VE TİC. A.Ş. and compl with the requirements of the product description.

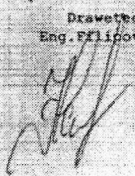
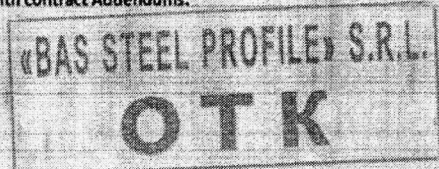
Manufacturer: BAS STEEL PROFILE SRL str.Vozralinaia 28, Taraclia, Moldova Phone:+373 78 436 481		MILL'S TEST CERTIFICATE (ACC.TO EN10204 / 3.1)		Transport:					
Customer: METALICA-ZUEV		No. 2031 Date: 22.03.2024		B03-B06		B12 Total weight, Kg: 22624 Total Length, m: 1728,00 (meters)		B08 Pieces: 144 Bundles: 9	
Contract No.: 1D Specification №: 0015/1D Order No.: Destination: Moldova		A06 Welded cold sized tubes STEEL Grade S235JRH, Direct welded		A07 Package wrapped with 6 straps through the side 100% NDT on the weld seam. NDT on the weld seam acc. EN ISO 1089,		EN 10219-1/2 S235JRH		 2174	
		Plain ends, straight cut from mill							

Mechanical Test												
B09	B10	Steel	B07	Heat	C02	C03	C11	C12	C13	D02	D03	
Dimension(mm)	W.T.(mm)	Grade	Nr. Bundles	Direction of the		Test	ReH	Rm	A	Ra	Hydraulic	
				test pieces		temperature				µm	sure, bar, min.	
140x100		4 S235JRH	0019\152	813288-9	L	ambient	289	402	30	-		
140x100		4 S235JRH	0020\152	813288-9	L	ambient	289	402	30	-		
140x100		4 S235JRH	0021\152	813288-9	L	ambient	289	402	30	-		
140x100		4 S235JRH	0018\152	813288-9	L	ambient	289	402	30	-		
140x100		4 S235JRH	0017\152	713423	L	ambient	284	378	36	-		
140x100		4 S235JRH	0016\152	713423	L	ambient	284	378	36	-		
140x100		4 S235JRH	7\152	813288	L	ambient	294	427	29	-		
140x100		4 S235JRH	0014\152	813288	L	ambient	294	427	29	-		
140x100		4 S235JRH	0015\152	813288	L	ambient	294	427	29	-		

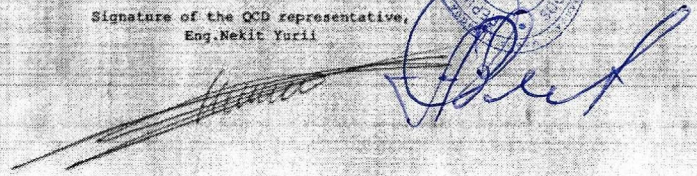




We state on our sole responsibility that the delivered products are in conformity with production standards or with contract Addendums.
 Visual inspection: checked without any objection
 Tolerances on dimensions and shape: pass

Drawn by,
 Eng. Filipov Nicolai

Signature of the QCD representative,
 Eng. Nekit Yurii






Manufacturer: BAS STEEL PROFILE SRL str.Vozalinaia 28, Taraclia, Moldova Phone:+373 78 436 481		MILL'S TEST CERTIFICATE (ACC.TO EN10204 / 3.1)		Transport:			
Customer: METALICA-ZUEV		No. 2031 Date: 22.03.2024		B03-B06		B12	
Contract No. 1D Specification № 0015/1D Order No. Destination Moldova		A06 Welded cold sized tubes STEEL Grade S235JRH, Direct welded		Total weight, Kg 22624		Total Length, m 1 728,00 (meters)	
		A07 Package wrapped with 6 straps through the side 100% NDT on the weld seam. NDT on the weld seam acc. EN ISO 1085 , Plain ends, straight cut from mill		Pieces: 144 Bundles: 9		EN 10219-1/2 S235JRH	
						 2174	

					Chemical Composition										
					C71-C92										
B09	B08	Steel		B07	C	Si	Mn	S	P	Cr	Ni	Cu	As	N	Al
Dimension(mm)	W.T.(mm)	Grade	Nr. Bundles	Heat	x100	x100	x100	x1000	x1000	x100	x100	x100	x100	x1000	x1000
140x100		4 S235JRH	0019\152	813288-9	12,0	2,0	43,0	27,0	19,0	3,0	1,0	1,0		9	
140x100		4 S235JRH	0020\152	813288-9	12,0	2,0	43,0	27,0	19,0	3,0	1,0	1,0		9	
140x100		4 S235JRH	0021\152	813288-9	12,0	2,0	43,0	27,0	19,0	3,0	1,0	1,0		9	
140x100		4 S235JRH	0018\152	813288-9	12,0	2,0	43,0	27,0	19,0	3,0	1,0	1,0		9	
140x100		4 S235JRH	0017\152	713423	12,0	1,4	38,0	24,0	18,0	2,0	1,0	1,0		9	
140x100		4 S235JRH	0016\152	713423	12,0	1,4	38,0	24,0	18,0	2,0	1,0	1,0		9	
140x100		4 S235JRH	7\152	813288	12,0	2,0	43,0	27,0	19,0	3,0	1,0	1,0		9	
140x100		4 S235JRH	0014\152	813288	12,0	2,0	43,0	27,0	19,0	3,0	1,0	1,0		9	
140x100		4 S235JRH	0015\152	813288	12,0	2,0	43,0	27,0	19,0	3,0	1,0	1,0		9	

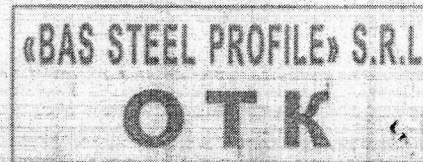


«BAS STEEL PROFILE» S.R.L.
OTK

Manufacturer: BAS STEEL PROFILE SRL str.Vocalinaia 28, Taraclia, Moldova Phone:+373 78 436 481		MILL'S TEST CERTIFICATE (ACC.TO EN10204 / 3.1)		Transport:					
Customer: METALICA-ZUEV		No. 2031 Date: 22.03.2024		Total weight, Kg 22624		Total Length, m 1 728,00 (meters)		Pieces: 144 Bundles: 9	
Contract No. 1D Specification № 0015/1D Order No. Destination Moldova		Welded cold sized tubes STEEL Grade S235JRH, Direct welded		EN 10219-1/2 S235JRH					
		Package wrapped with 6 straps through the side 100% NDT on the weld seam. NDT on the weld seam acc. EN ISO 1085 ,							
		Plain ends, straight cut from mill							

Product description

Nr.	B07		Product	Dimension(mm)	Thickness(mm)	Length(mm)	Deviation	B08		B12	B13	Meters
	Nr. Bundles	Heat						Bundles	Pieces	Netto Weight (Kg)	Brutto weight, kg	
1	0019\152	813288-9	S235JRH-EN 10219-1/2	140x100	4	12 000	+50/-0	1	16	2500	-	192
2	0020\152	813288-9	S235JRH-EN 10219-1/2	140x100	4	12 000	+50/-0	1	16	2477	-	192
3	0021\152	813288-9	S235JRH-EN 10219-1/2	140x100	4	12 000	+50/-0	1	16	2510	-	192
4	0018\152	813288-9	S235JRH-EN 10219-1/2	140x100	4	12 000	+50/-0	1	16	2491	-	192
5	0017\152	713423	S235JRH-EN 10219-1/2	140x100	4	12 000	+50/-0	1	16	2515	-	192
6	0016\152	713423	S235JRH-EN 10219-1/2	140x100	4	12 000	+50/-0	1	16	2543	-	192
7	7\152	813288	S235JRH-EN 10219-1/2	140x100	4	12 000	+50/-0	1	16	2496	-	192
8	0014\152	813288	S235JRH-EN 10219-1/2	140x100	4	12 000	+50/-0	1	16	2541	-	192
9	0015\152	813288	S235JRH-EN 10219-1/2	140x100	4	12 000	+50/-0	1	16	2551	-	192



**CERTIFICAT DE INSPECTIE / INSPECTION CERTIFICATE
SR EN 10204:2005 (EN 10204:2004) 3.1**

ArcelorMittal HUNEDOARA S.A:
Quality Inspection & Statistics
Hunedoara-Romania Cod 331111

stinar / Destined to:
Thyssenkrupp Materials Romania
resa/Address: b-dul Basarabiei, 256, 030171, BUCURESTI
ra/State: România
gon/Wagon / Auto/Truck:
03VYD/HD09VYD

Nr. / No.: **1450092081** Data / Date **14.03.2024**
Comanda nr. / Order no.: **5332** Comanda data / Order date: **23.01.2024**

ndard de marca / Material norm: **SR EN 10025-2:2019**

rcaj color:

IP: **AMHU-2/05 CPR-13-1**

servatii / Remarks:

Nr. Sarcina / Heat No	Marca / Quality	Produs / Product	Buc. / Pieces	Cantitate / Quantity [to]	Lungime / Length [mm]	Toleranta la lungime / Tolerance To length [mm]	Incerari mecanice/Mechanical tests									
							Incovoiere prin soc / Charpy impact test									
							ReH [N/mm ²]	Rm [N/mm ²]	A5 [%]	Tip epruveta / Type of sample	Temp [°C]	KV1 [J]	KV2 [J]	KV3 [J]	Medie KV / Average KV	
1	73266	S275JO+M	IPE300	8	4.102	12100	-0 / +100	333	455	32,0	300/10	0	76,0	72,0	64,0	70,7

Compozitie chimica pe otel lichid/Chemical analysis of the liquid steel [%]

Nr. Sarcina / Heat No	C	Mn	Si	S	P	Cr	Ni	Cu	Mo	Ti	V	Al	Sn	B	Nb	N	O(ppm)	H(ppm)	CEV
1	73266	0,150	0,580	0,220	0,015	0,017	0,070	0,090	0,350	0,020	0,001	0,003	0,002	0,014	0,0002	0,0008	0,0085		0,295



I hereby declare that the invoiced goods are processed without incorporating iron and steel products originating in Russia or Belarus and that the invoiced goods are in conformity with the EU Regulation no. 833/2014 of July 2014 and all further amendments accordingly.

Intenzie preconizata/Intended uses: **Structuri metalice si/sau structuri mixte otel-beton/Metalic structures and/or mixed structures steel-concrete**

Stabilitate/Durability: **Compozitie chimica / Chemical analysis**

Stabilitate/Weldability: **CEV**

Substanta reglementata/Regulated substance: **Performanta nedeterminata/No performance determined**

Etichetare/Marked: **SR EN 10025-1:2005 (EN 10025-1:2004)**

Suprafata/Surface: **SR EN 10163-3:2005, clasa C, subcl.1 (EN 10163-3:2004)**

Dimensiuni/Dimension: **SR EN 10365/2017; EN 10365/2017**

la dim. si forma / Tolerances on dimension and shape: **SR EN 10034/1995; EN 10034/1993**

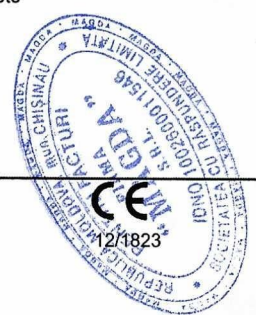
Materialul mai sus mentionat nu prezinta radioactivitate
The above mentioned material has not displayed any radioactivity

Directorul Calitatii si Statistici/Quality Inspection & Statistics
Quality Manager: **Ileana Cristea Eng.**



Intocmit/Elaborate:

FLORIN VIOREL DRAGOI





YESIL MAHALLE SANAYI BOLGESI NO:50 78000 KARABUK, TURKEY

MILL TEST CERTIFICATE

THE INSPECTION CERTIFICATE AS PER EN 10204 CLAUSE 3.1 CONFORMING TO THE DEFINITION IN EN 10168

DATE: 20.02.2023

REF: 2310375

CUSTOMER:

TO WHOM IT MAY CONCERN

CERTIFICATE NO: 273-2023

COMMODITY: HOT ROLLED STEEL U CHANNELS

MECHANICAL PROPERTIES		CHEMICAL COMPOSITION																															
TENSION TEST	Rm / Re	VALUE (Joule)		PRODUCT ANALYSIS																													
		TEST PIECES WIDTH (mm)	63	C	0.12	Si	0.18	Mn	0.5126	P	0.012	S	0.037	Ti	0.004	Cu	0.10	Ni	0.04	Cr	0.04	Mo	0.003	V	0.0023	Al	0.004	W	0.0001	Nb	0.000	N	0.008
ELONGATION	%	29.0	FATIGUE TEST		RE-BEND TEST		BEND TEST		CHARPY TEST(1)		ORIENTATION(2)		HEAT NUMBER:		U CHANNELS		PRODUCT NAME		SIZE IN MM		QUALITY												
YIELD S. (Re)	N/mm2	340.7	493.0		1.45		29.0		5		63		5235JR		140,0		UPEAA		1		2202446												

MESCIER



CE NUMBER: 2344-CPR-0004
acc. to audit report numbered 17270-09-01/CÜ
ISO 9001:2015 Certificate No: QMS 19270-01
ISO 27001:2013 Certificate No: 190801059001

MS
ISO
International Organization for Standardization

CF
ISO
International Organization for Standardization

MANUFACTURER

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTANCE

(1) VALUES ARE FOR KV150 TEST UNDER ROOM TEMPERATURE
(2) "L" MEANS "LONGITUDINAL" "T" MEANS "TRANSVERSE"