CUSTOMER COPY

CUSTOMER COPY

Date 27/09/18 Time 14:17:47 **Load Weight: 1.086**

Due Date: 1/10/18 Page: 1

Load No	Drops	Customer Name/No: 000056	Journey	Registration	Driver	Print T/C	Fax T/C
4120163	1	WELDRITE STRUCTURES LIMITED	SOUTH COAST	BCD04	ANY	YES	

Deliver to:
CONSTRUCTION HOUSE
1A ALANS LANE
UPTON
POOLE
DORSET
BH165DA

Contact Details:
STEVEDYKE@WELDRITE.CO.U
KELVIN@WELDRITE.CO.UK
Phone: 01202 670855

Delivery Instructions:

4 P 0 0 0 0 0 4 7 0 1 1 4

Cust Order No.	Order	Bars	Tonnes	Item Description	Exc	Length	Grade	Processing	Locn	Colour	Smn	Ld	Rec
WSL9996 L7	G798304			HF CIRCULAR SECTION 139.7 X 5.0	2						CHL		
		1	.093	Cert: 0001833 Cast: RANGE MK: IM49|		5581 D&S	S355J2H	Sa2.5/STR	XBCD115	YELLOW			
		1	.099	Cert: 0001834 Cast: RANGE MK: IM50|		5954 D&S				MAGENTA			
		2	.258	Cert: 0001653 Cast: 7164080465 MK: IM51|IM51|		7777 D&S				BLUE			
		2	.318	Cert: 0023300 Cast: RANGE MK: IM52|IM52|		9566 D&S				PURPLE			
		2	.318	Cert: 0023474 Cast: 7T49110 CEV: .38 MK: IM53|IM53|		9583 D&S				MAGENTA			
	TOTALS	8	1.086										

Where an EXC is stated above the following applies:-

CE

2273

18

2273-CPR-0052

BS EN 1090-2: 2018
Intended uses:-
Structural metallic construction components intended for use in steel structures or composite steel and concrete structures where the components can be made from hot rolled, cold-formed or with other technologies-sections/profiles with various shapes, flat products(plates, sheets, strip), bars, castings, forgings made of steel materials

Relevant declarations of performance available on web-site.

Barrett Steel Ltd
T/A Barrett Constructional Steel
Barrett House, Cutler Heights Lane
Dudley Hill, Bradford
BD4 9HU
Tel: 01274 682 281 Fax: 01274 654 253
www.barrettsteel.com

bsi. ISO 14001 Environmental Management EMS575043

bsi. ISO 9001:2015 Quality Management RS24788

Unloading Instructions:
Restricted Access/Egress?
None
Unloading Equipment?
Overhead Crane
Unloading Area?
Loading Bay
Special Requirements?
None, No Restrictions

Signature confirming receipt of goods and test certs:

Print Name:

Date:

Barrett Constructional Steel Limited
282 Cutler Heights Lane
Dudley Hill
Bradford
West Yorkshire, BD4 9HU
Tel: 01724 290950 Fax: 01724 290966
www.barrettsteel.com

This is a True Copy of Original Test Certificate: - 001653 - Page: 1 of 3

Material: HF CIRCULAR SECTION 139.7 X 5.0 - Certificate: 0001653 - Cast: 7164080465

1652/1653

TOSÇELİK Profil ve Sac

Adress :Organize San. Bölgesi Sarıseki / ISKENDERUN
Tel :+90 326 656 28 90 PBX
Fax :+90 326 656 28 95
Web :www.toscelikprofil.com.tr
E-mail :toscelik@toscelik.com.tr

TEST SERTİFİKASI
MILL TEST CERTIFICATE

MÜŞTERİ ADI & ADRESİ
NAME & ADDRESS OF THE CUSTOMER
BARRETT STEEL TRADING LIMITED
BRUGG ROAD, SCUNTHORPE DN16 1BB UK
İNGİLTERE 442085261920

DESCRIPTION OF GOODS
ERW HOLLOW SECTIONS

CE
EN 10210 NO: 1922-CPR-0579

SERTİFİKA NO/CERTIFICATE NO : 1000034028
SAYFA/PAGE NO : 16 / 19
SEVK TARİHİ/DATE OF DISPATCH : 14.12.2017
SERTİFİKA TARİHİ/CERT DATE : 20.12.2017
SERTİFİKA NORMU/CERT NORM : EN 10210-2:1
SATIŞ BELGESİ : 1280956
SEFER NUMARASI : 1000013750

Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

SIRA ITEM	TİP TYPE	EBAT SIZE	PAKET NO PACK NO	DÖKÜM CAST NO	LOT NO	ÜRÜN NORMU PRODUCT NORM	KALİTE STEEL GRADE	YS N/mm²	TS N/mm²	E %	IE 1 J	IE 2 J	IE 3 J	IE AV. J	TT °C	HT BAR	HT TIME Sec	VDC	FT	BD	EX	NDE	B
106	CHSH	114.30X6.30X7500	FB02462591	7161960600		EN 10210	S355J2H	442	547	28.7	74.00	77.00	69.00	73.33	-20			G	G	G	G	G	
107	CHSH	114.30X6.30X7500	FB02462595	7161960600		EN 10210	S355J2H	442	547	28.7	74.00	77.00	69.00	73.33	-20			G	G	G	G	G	
108	CHSH	114.30X6.30X7500	FB02462596	7161960600		EN 10210	S355J2H	442	547	28.7	74.00	77.00	69.00	73.33	-20			G	G	G	G	G	
109	CHSH	114.30X6.30X7500	FB02462596	7161960600		EN 10210	S355J2H	442	547	28.7	74.00	77.00	69.00	73.33	-20			G	G	G	G	G	
110	CHSH	114.30X6.30X7500	FB02462599	7161960600		EN 10210	S355J2H	445	544	34.0	67.00	70.00	64.00	67.00	-20			G	G	G	G	G	
111	CHSH	139.70X5.00X12000	FB02470201	7164080465		EN 10210	S355J2H	445	544	34.0	67.00	70.00	64.00	67.00	-20			G	G	G	G	G	
112	CHSH	139.70X5.00X12000	FB02470205	7164080465		EN 10210	S355J2H	445	544	34.0	67.00	70.00	64.00	67.00	-20			G	G	G	G	G	

Kimyasal Testler / Chemical Tests

SIRA ITEM	DÖKÜM NO HEAT NO	C %	SI %	S %	MN %	P %	AL %	CR %	NO %	NI %	CU %	N %	TI %	V %	SN %	B %	NB %	CEEW %	CEPCM %
106	7161960600	0.0819	0.2284	0.0097	1.1610	0.0137	0.0227	0.0645	0.0025	0.0895	0.1614	0.0030	0.0010	0.0033	0.0184	0.0004	0.0173	0.3062	0.1595
107	7161960600	0.0819	0.2284	0.0097	1.1610	0.0137	0.0227	0.0645	0.0025	0.0895	0.1614	0.0030	0.0010	0.0033	0.0184	0.0004	0.0173	0.3062	0.1595
108	7161960600	0.0819	0.2284	0.0097	1.1610	0.0137	0.0227	0.0645	0.0025	0.0895	0.1614	0.0030	0.0010	0.0033	0.0184	0.0004	0.0173	0.3062	0.1595
109	7161960600	0.0819	0.2284	0.0097	1.1610	0.0137	0.0227	0.0645	0.0025	0.0895	0.1614	0.0030	0.0010	0.0033	0.0184	0.0004	0.0173	0.3062	0.1595
110	7161960600	0.0819	0.2284	0.0097	1.1610	0.0137	0.0227	0.0645	0.0025	0.0895	0.1614	0.0030	0.0010	0.0033	0.0184	0.0004	0.0173	0.3062	0.1595
111	7164080465	0.1227	0.2302	0.0129	1.0870	0.0110	0.0241	0.0604	0.0010	0.0967	0.3000	0.0032	0.0070	0.0025	0.0061	0.0001	0.0225	0.3431	0.2021
112	7164080465	0.1227	0.2302	0.0129	1.0870	0.0110	0.0241	0.0604	0.0010	0.0967	0.3000	0.0032	0.0070	0.0025	0.0061	0.0001	0.0225	0.3431	0.2021

CHSH:HEAT TREATED INDUSTRIAL PIPE
RH:HEAT TREATED RECT HOLLOW SECTI
SH:HEAT TREA SQUARE HOLLOW SECTIO

CE mar-kalamas EN 10210 'standardı Ürünleri ürünleri için geçerlidir
CE marking applies to those products in accordance with EN 10210
EN 10210 CE Kapsamı/Scope:
17.0x0.60 - 33.7x3.00 / 101.6x6.60 - 250.0x10.00 / 200.0x6.60 - 300.0x20.0x13.00

G :Iyi/Good
YS :Akma Muk./Yield Strength(N/mm^2)
TS :Çekme Muk./Tensile Strength(N/mm^2)
E :Uzama/Elongation (%)
NDE :Tahribatsız Test/Non Destructive Examination
B: Harsalif Bovelled
VDC: Genel Kontrol/ Visual&Dimensional Check
EX: Genişletme/ Expanding
HT: Hidrostatik Test/ Hydrostatic Test(Bar)
IE: Darbe Enerjisi/Impact Energy(Joule)
TT :Test Sıcaklığı/ Test Temp.for Impact Testing(°C)
HT TIME: Sanye/ Second
FT: Yassiltma/ Flattening
BD: Bukme/Bending

ONAY / APPROVED BY
ERW Fabrikalar Kalite Müdürü / ERW Plants Quality Manager
Bulent SÖNMEZ
bulent.sonmez@toscelik.com.tr

TOSÇELİK Profil ve Sac Endüstrisi A.Ş.
Toscelik Profil ve Sac Endüstrisi A.Ş.
Organize Sanayi Bölgesi Sarıseki/İSKENDERUN
T:+90 (326) 656 28 90 (pbx) Fax: +90 (326) 656 28 95
Ticaret Sicil No : 46282 Mersis No : 0-1460-0001-0000-001
Ticaret Sicil Müdürlüğü : Hatay
Vergi Dairesi : İskenderun V.D. : 085 001 5421

Bu Sertifika TOSÇELİK PROFİL SAC VE END. A.Ş. tarafından üretilen standartlara ve sipariş kontratına uygun olduğunu teyit eder.
These results are certified by TOSÇELİK PROFİL SAC VE END. A.S. and comply with the requirements of the product description

Customer: WELDRITE STRUCTURES LIMITED
Customer Order Number: WSL9996 L7
Advice Number: G798304
Material Code: HF CIRCULAR SECTION 139.7 X 5.0
Certificate Number: 0001653
Cast Number: 7164080465
Invoice Number:

Barrett Constructional Steel Limited
282 Cutler Heights Lane
Dudley Hill
Bradford
West Yorkshire, BD4 9HU
Tel: 01724 290950 Fax: 01724 290966
www.barrettsteel.com

Customer: WELDRITE STRUCTURES LIMITED
Customer Order Number: WSL9996 L7
Advice Number: G79830 4
Material Code: HF CIRCULAR SECTION 139.7 X 5.0
Certificate Number: 001653
Cast Number: 7164080465
Invoice Number:

TOSÇELİK Profil ve Sac

Address : Organize San. Bölgesi Sarıseki / ISKENDERUN
Tel : +90 326 656 28 90 PBX
Fax : +90 326 656 28 95
Web : www.toscelik.com.tr
E-mail : toscelik@toscelik.com.tr

TEST SERTİFİKASI
MILL TEST CERTIFICATE

MÜŞTERİ ADI & ADRESİ
NAME & ADDRESS OF THE CUSTOMER
BARRETT STEEL TRADING LIMITED
BRIGG ROAD, SCUNTHORPE DN16 1BB UK
İNGİLTERE 441724290950

DESCRIPTION OF GOODS:
ERW HOLLOW SECTIONS

EN 10210 NO: 1922-CPR-0570

SERTİFİKA NO/CERTIFICATE NO : 1000034028
SAYFA/PAGE NO : 17-11-19
SEVK TARİHİ/DATE OF DISPATCH : 14.12.2017
SERTİFİKA TARİHİ/CERT DATE : 20.12.2017
SERTİFİKA NORMU/CERT NORM. : EN 10204-3.1
SATIŞ BELGESİ : 10280966
SEFER NUMARASI : 1000001379O

Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

SIRA ITEM	TİP TYPE	EBAT SIZE	PAKET NO PACK NO	DÖKÜM CAST NO	LOT NO	ÜRT.NORM PRODUCT NORM	KALİTE STEEL GRADE	YS N/mm²	TS N/mm²	E %	IE 1 J	IE 2 J	IE 3 J	IE AV. J	TT °C	HT BAR	HT TIME Sec	VDC	FF	BD	EX	NDE	B
113	CHSH	139.70X5.00X12000	FB02470205	7164080465		EN 10210	S355J2H	445	544	34.0	67.00	70.00	64.00	67.00	-20			G	G	G	G	G	
114	CHSH	139.70X5.00X12000	FB02470206	7164080465		EN 10210	S355J2H	445	544	34.0	67.00	70.00	64.00	67.00	-20			G	G	G	G	G	
115	CHSH	139.70X5.00X12000	FB02470209	7164080465		EN 10210	S355J2H	445	544	34.0	67.00	70.00	64.00	67.00	-20			G	G	G	G	G	
116	CHSH	139.70X5.00X12000	FB02470210	7164080465		EN 10210	S355J2H	445	544	34.0	67.00	70.00	64.00	67.00	-20			G	G	G	G	G	
117	CHSH	139.70X5.00X12000	FB02470230	7164080465		EN 10210	S355J2H	445	544	34.0	67.00	70.00	64.00	67.00	-20			G	G	G	G	G	
118	CHSH	139.70X5.00X12000	FB02470251	7164080465		EN 10210	S355J2H	445	544	34.0	67.00	70.00	64.00	67.00	-20			G	G	G	G	G	
119	CHSH	139.70X5.00X12000	FB02470252	7164080465																			

Kimyasal Testler/Chemical Tests

SIRA ITEM	DÖKÜM NO HEAT NO	C %	SI %	S %	MN %	P %	AL %	CR %	MO %	NI %	CU %	N %	Ti %	V %	SN %	B %	NB %	CEWV %	CEPCM %
113	7164080465	0.1227	0.2302	0.0129	1.0870	0.0110	0.0241	0.0604	0.0010	0.0967	0.3000	0.0032	0.0070	0.0025	0.0061	0.0001	0.0225	0.3431	0.2021
114	7164080455	0.1227	0.2302	0.0129	1.0870	0.0110	0.0241	0.0604	0.0010	0.0967	0.3000	0.0032	0.0070	0.0025	0.0061	0.0001	0.0225	0.3431	0.2021
115	7164080455	0.1227	0.2302	0.0129	1.0870	0.0110	0.0241	0.0604	0.0010	0.0967	0.3000	0.0032	0.0070	0.0025	0.0061	0.0001	0.0225	0.3431	0.2021
117	7164080455	0.1227	0.2302	0.0129	1.0870	0.0110	0.0241	0.0604	0.0010	0.0967	0.3000	0.0032	0.0070	0.0025	0.0061	0.0001	0.0225	0.3431	0.2021
118	7164080455	0.1227	0.2302	0.0129	1.0870	0.0110	0.0241	0.0604	0.0010	0.0967	0.3000	0.0032	0.0070	0.0025	0.0061	0.0001	0.0225	0.3431	0.2021
119	7164080465	0.1227	0.2302	0.0129	1.0870	0.0110	0.0241	0.0604	0.0010	0.0967	0.3000	0.0032	0.0070	0.0025	0.0061	0.0001	0.0225	0.3431	0.2021

CHSH:HEAT TREATED INDUSTRIAL PIPE
RH:HEAT TREATED RECT HOLLOW SECTI
SH:HEAT TREA SQUARE HOLLOW SECTIO

CE marketing applies to thesec productsco in accordance with: EN 10210
CE marking applies to these products in accordance with: EN 10210
EN 10210 CE Kapsamı/Scope:
17.0x0.50 - 339.7x13.00; 10x10x0.50 - 250x250x13.00 ; 20x10x0.50 - 300x200x13.00

ONAY/APPROVED BY
ERW Fabrikaları Kalite Müdürü / ERW Plants Quality Manager
Bülent SÖNMEZ
bulent.sonmez@toscelik.com.tr

TOSÇELİK Profil ve Sac
Tosçelik Profil ve Sac Endüstrisi A.Ş.
Organize Sanayi Bölgesi Sarıseki/İSKENDERUN
T: +90 (326) 656 28 90 Fax: +90 (326) 656 28 95
Ataş Gibrahim V.D. 060 061 3021

G: Iyi/Good
YS: Akma Mük./Yield Strength(N/mm^2)
TS: Çekme Muk./Tensile Strength(N/mm^2)
E: Uzama/Elongation (%)
NDE: Tahribatsız Test/Non Destructive Examination
B: Hasabi/ Bevelled
VDC: Görsel Kontrol/ Visual&Dimensional Check
EX: Genişletme/ Expanding
HT: Hidrostatik Test/ Hydrostatic Test(Bar)
IE: Darbe Enerjisi/Impact Energy(Joule)
TT: Test Sıcaklığı/ Test Temp.for Impact Testing(°C)
HT TIME: Sn/ie/ Second
FT: Yassıltma/ Flattaming
BD: Eğilme/Bending

Bu Sertifika TOSÇELİK PROFİL SAC VE END. A.Ş. tarafından üretilen standartlara ve sipariş koşullarına uygun olduğunu tayin eder/
These results are certified by TOSÇELİK PROFİL SAC VE END. A.Ş. and compli with the requirements of the product destination

Material: HF CIRCULAR SECTION 139.7 X 5.0 - Certificate: 0001653 - Cast: 7164080465

Barrett Construcional Steel Limited
282 Cutler Heights Lane
Dudley Hill
Bradford
West Yorkshire, BD4 9HU
Tel: 01724 290950 Fax: 01724 290966
www.barrettsteel.com

Customer: WELDRITE STRUCTURES LIMITED
Customer Order Number: WSL9996 L7
Advice Number: G798304
Material Code: HF CIRCULAR SECTION 139.7 X 5.0
Certificate Number: 001653
Cast Number: 7164080465
Invoice Number:

Material: HF CIRCULAR SECTION 139.7 X 5.0 - Certificate: 0001653 - Cast: 7164080465

TOSÇELİK Profil ve Sac

Adress :Organize San. Bölgesi Sarısaki / ISKENDERUN
Tel :+90 326 658 28 80 PBX
Fax :+90 326 658 28 90
Web :www.tosyalik.com.tr
E-mail :tosceliik@toscelik.com.tr

TEST SERTİFİKASI
MILL TEST CERTIFICATE

CE
EN 10210 NO: 1922-CPR-0570

MÜŞTERİ ADI & ADRESİ
NAME & ADDRESS OF THE CUSTOMER
BARRETT STEEL TRADING LIMITED
BRIGG ROAD, SCUNTHORPE DN16 1BB,UK
İNGİLTERE 441283591200

DESCRIPTION OF GOODS
ERW HOLLOW SECTIONS

SERTİFİKA NO/CERTIFICATE NO : 1000034028
SAYFA/PAGE NO : 18 /119
SEVK TARİHİ/DATE OF DISPATCH : 14.12.2017
SERTİFİKA TARİHİ/CERT. DATE : 28.12.2017
SERTİFİKA NORMU/CERT. NORM. : EN 10204-3.1
SATIŞ BELGESİ : 10290966
SİPER NUMARASI : 1000013750

Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

SIRA ITEM	TİP TYPE	EBAT SIZE	PAKET NO PACK NO	DÖKÜM CAST NO	LOT NO	ÜRÜ NORM PRODUCT NORM	KALİTE STEEL GRADE	YS N/mm²	TS N/mm²	E %	İE 1 J	İE 2 J	İE 3 J	İE AV. J	TT °C	HT BAR	HT TIME Sec	HT	FT	BD	EK	NDE	B
120	CHSH	139.70X5.00X12000	FB02470253	7164080465		EN 10210	S355J2H	445	544	34.0	67.00	70.00	64.00	67.00	-20			G	G	G	G	G	
121	CHSH	139.70X5.00X12000	FB02470256	7164080465		EN 10210	S355J2H	454	555	29.0	79.00	71.00	75.00	75.00	-20			G	G	G	G	G	
122	CHSH	139.70X5.00X7500	FB02470278	7164040465		EN 10210	S355J2H	454	555	29.0	79.00	71.00	75.00	75.00	-20			G	G	G	G	G	
123	CHSH	139.70X5.00X7500	FB02470279	7164040465		EN 10210	S355J2H	454	555	29.0	79.00	71.00	75.00	75.00	-20			G	G	G	G	G	
124	CHSH	139.70X5.00X7500	FB02470280	7164040465		EN 10210	S355J2H	454	555	29.0	79.00	71.00	75.00	75.00	-20			G	G	G	G	G	
125	CHSH	139.70X5.00X7500	FB02470281	7164040465		EN 10210	S355J2H	454	555	29.0	79.00	71.00	75.00	75.00	-20			G	G	G	G	G	
126	CHSH	139.70X5.00X7500	FB02470282	7164040465																			

Kimyasal Testler / Chemical Tests

SIRA ITEM	DÖKÜM NO HEAT NO	C %	SI %	S %	MN %	P %	AL %	CR %	MO %	NI %	CU %	N %	TI %	V %	SN %	B %	NB %	CEHW %	CEPCM %
120	7164080465	0.1227	0.2302	0.0129	1.0870	0.0110	0.0241	0.0604	0.0010	0.0967	0.3000	0.0032	0.0070	0.0025	0.0061	0.0001	0.0225	0.3431	0.2021
121	7164080465	0.1227	0.2302	0.0129	1.0870	0.0110	0.0241	0.0604	0.0010	0.0967	0.3000	0.0032	0.0070	0.0025	0.0061	0.0001	0.0225	0.3431	0.2021
122	7164040465	0.1052	0.2204	0.0104	1.1180	0.0158	0.0282	0.0609	0.0060	0.0935	0.2500	0.0043	0.0019	0.0028	0.0082	0.0004	0.0179	0.3284	0.1851
123	7164040465	0.1052	0.2204	0.0104	1.1180	0.0158	0.0282	0.0609	0.0060	0.0935	0.2500	0.0043	0.0019	0.0028	0.0082	0.0004	0.0179	0.3284	0.1851
124	7164040465	0.1052	0.2204	0.0104	1.1180	0.0158	0.0282	0.0609	0.0060	0.0935	0.2500	0.0043	0.0019	0.0028	0.0082	0.0004	0.0179	0.3284	0.1851
125	7164040465	0.1052	0.2204	0.0104	1.1180	0.0158	0.0282	0.0609	0.0060	0.0935	0.2500	0.0043	0.0019	0.0028	0.0082	0.0004	0.0179	0.3284	0.1851
126	7164040465	0.1052	0.2204	0.0104	1.1180	0.0158	0.0282	0.0609	0.0060	0.0935	0.2500	0.0043	0.0019	0.0028	0.0082	0.0004	0.0179	0.3284	0.1851

G :IyiGood
YS :Akma Muk./Yield Strength(N/mm^2)
TS :Çekme Muk./Tensile Strength(N/mm^2)
E :Uzama/Elongation (%)
NDE:Tahribatsız Test/Non Destructive Examination
B :Havşalı Boveled
VDC: Görsel Kontrol/ Visual&Dimensional Check
EK: Genişletme/ Expanding
HT :Hidrostatik Test/ Hydrostatic Test(Bar)
IE :Darbe Enerjisi/Impact Energy(Joule)
TT :Test Sıcaklığı/ Test Temp.for Impact Testing(°C)
HT TIME: Sanye/ Second
FT: Yassıltma/ Flattanning
BD: Bükme/Bending

CHSH:HEAT TREATED INDUSTRIAL PIPE
RH:HEAT TREATED RECT HOLLOW SECTI
SH:HEAT TREA SQUARE HOLLOW SECTIO

CE ürün tutarlılık EN 10210 doğrulamada Direktifleri urunler için geçerlidir
CE marking applies to Factory production in accordance with EN 10210
EN 10210 CE Kontrol Sistemi
17 Oct 60 - 339.7x13.00 : 12x10x6 60 - 250x250x13.00 / 20x10x6.60 - 300x200x13.00

ONAY / APPROVED BY
ERW Fabrikaları Kalite Müdürü / ERW Plants Quality Manager
Bulent SONMEZ
bulent.sonmez@toscelik.com.tr

TOSÇELİK Profil ve Sac
Toscelik Profil ve Sac Endüstrisi A.Ş.
Organize Sanayi Bolgesi Sarısaki/ISKENDERUN
T: +90 (326) 658 28 80 (pbx) F: +90 (326) 658 28 90
Adam Gümrük V.D. : 006 001 3031

Bu Sertifika TOSÇELİK PROFİL SAC VE END. A.Ş. tarafından üretilen standartlara ve siparış kontratına uygun olduğunu teyit eder.
These results are certified by TOSÇELİK PROFİL SAC VE END. A.S. and compl with the requirements of the product description

Barrett Construction Steel Limited
282 Cutler Heights Lane
Dudley Hill
Bradford
West Yorkshire, BD4 9HU
Tel: 01724 290950 Fax: 01724 290966
www.barrettsteel.com

This is a True Copy of Original Test Certificate: - 0023300 - Page: 1 of 2

Customer: WELDRITE STRUCTURES LIMITED
Customer Order Number: WSL9996 L7
Advice Number: G798304
Material Code: HF CIRCULAR SECTION 139.7 X 5.0
Certificate Number: 0023300
Cast Number: RANGE
Invoice Number:

Material: HF CIRCULAR SECTION 139.7 X 5.0 - Certificate: 0023300 - Cast: RANGE

TOSÇELİK Profil ve Sac

Adres : Organize San. Bölgesi Samanlı / ISKENDERUN
Tel : +90 326 656 28 90 Pbx
Fax : +90 326 656 28 95
Web : www.toscelik.com.tr
E-mail : toscelik@toscelik.com.tr

TEST SERTİFİKASI
MILL TEST CERTIFICATE

CE 1922 CE 1396

EN 10219 NO: 2198-CPR-1710101
EN 10210 NO: 1922-CPR-0570

SERTİFİKA NUMARASI / CERTIFICATE NO: 1082734
SAYFA/PAGE NO: 1 / 2
SEVK TARİHİ/DATE OF DISPATCH: 25.05.2016
SERTİFİKA TARİHİ/RECENT DATE: 25.05.2016
SERTİFİKA FORMU/CERTIFICATE FORM: EN 10204 3.1
SATIŞ BİLGİSİ: 1311474031
SEFER NUMARASI: 1082734

MÜŞTERİ ADI & ADRESİ / NAME & ADDRESS OF THE CUSTOMER
BARRETT STEEL TRADING LIMITED
BRIGG ROAD, SCUNTHORPE DN16 1BB UK
İNGİLTERE 441628635200

DESCRIPTION OF GOODS
ERW HOLLOW SECTIONS

SEFER NUMARASI: 1082734
EN 10219 DOP: TPE.DOP.004
EN 10210 DOP: TPE.DOP.007

Ürün Bilgileri ve Mekanik Testler/Product Information and Mechanical Tests

SIRA / ITEM	TİP / TYPE	EBAT / SIZE	PAKET NO / PACK NO	DÖKÜM / CAST NO	LOT NO	KALİTE / STEEL GRADE	ÜRT NORM / PRODUCT NORM	YS N/mm²	TS N/mm²	E %	IE 1 J	IE 2 J	IE 3 J	IE AV J	TT °C	HT BAR	HT TIME Sn	VDC	FT	BD	EX	HDE	D
1.365	CHSH	139.70X5.00X12000	GB02810310	18036322	BIRKENHEAD	S355J2H	EN 10210	425	522	26.4	60.00	63.00	67.00	63.33	-20			G	G				
1.366	CHSH	139.70X5.00X10000	GB02810317	18036322	BIRKENHEAD	S355J2H	EN 10210	425	522	26.4	60.00	63.00	67.00	63.33	-20			G	G				
1.367	CHSH	139.70X5.00X12000	GB02810317	18036322	BIRKENHEAD	S355J2H	EN 10210	425	522	26.4	60.00	63.00	67.00	63.33	-20			G	G				
1.369	CHSH	139.70X5.00X12000	GB02810347	18036322	BIRKENHEAD	S355J2H	EN 10210	425	522	26.4	60.00	63.00	67.00	63.33	-20			G	G				
1.370	CHSH	139.70X5.00X12000	GB02810348	18036322	BIRKENHEAD	S355J2H	EN 10210	425	522	26.4	60.00	63.00	67.00	63.33	-20			G	G				
1.371	CHSH	139.70X5.00X12000	GB02810349	18036322	BIRKENHEAD	S355J2H	EN 10210	425	522	26.4	60.00	63.00	67.00	63.33	-20			G	G				
1.372	CHSH	139.70X5.00X12000	GB02810350	18023986	BIRKENHEAD	S355J2H	EN 10210	433	510	27.7	70.00	73.00	77.00	73.33	-20			G	G				

Kimyasal Testler/ Chemical Tests

SIRA / ITEM	DÖKÜM NO / HEAT NO	C %	SI %	S %	MN %	P %	AL %	CR %	MO %	NI %	CU %	N %	TI %	V %	B %	NB %	CREW %	CEPCM %
1.365	18036322	0.1398	0.2140	0.0084	1.2080	0.0148	0.0503	0.1035	0.0101	0.1778	0.2859	0.0030	0.0010	0.0010	0.0007	0.0205	0.1950	0.3278
1.366	18036322	0.1398	0.2140	0.0084	1.2080	0.0148	0.0503	0.1035	0.0101	0.1778	0.2859	0.0030	0.0010	0.0010	0.0007	0.0205	0.1950	0.3278
1.367	18036322	0.1398	0.2140	0.0084	1.2080	0.0148	0.0503	0.1035	0.0101	0.1778	0.2859	0.0030	0.0010	0.0010	0.0007	0.0205	0.1950	0.3278
1.369	18036322	0.1398	0.2140	0.0084	1.2080	0.0148	0.0503	0.1035	0.0101	0.1778	0.2859	0.0030	0.0010	0.0010	0.0007	0.0205	0.1950	0.3278
1.370	18036322	0.1398	0.2140	0.0084	1.2080	0.0148	0.0503	0.1035	0.0101	0.1778	0.2859	0.0030	0.0010	0.0010	0.0007	0.0205	0.1950	0.3278
1.371	18036322	0.1398	0.2140	0.0084	1.2080	0.0148	0.0503	0.1035	0.0101	0.1778	0.2859	0.0030	0.0010	0.0010	0.0007	0.0205	0.1950	0.3278
1.372	18023986	0.1103	0.2267	0.0110	1.2080	0.0163	0.0252	0.0836	0.0059	0.0729	0.2317	0.0033	0.0046	0.0044	0.0150	0.0105	0.1511	0.2516

CHS (INDUSTRIAL PIPE
CHSH HEAT TREATED INDUSTRIAL PIPE
R RECTANGULAR HOLLOW SECTION
RH HEAT TREATED RECT HOLLOW SECTI
S SQUARE HOLLOW SECTION
SH HEAT TREA SQUARE HOLLOW SECTIO
WWR WIDE COMB WELDED HOLLOW SECTIO

G Yığılmış/Stacking
YS Azami Mak.Akma Sınırı/Max.Yield Strength(N/mm^2)
TS Çekme Mak.Direnme Sınırı/Max.Tensile Strength(N/mm^2)
E Uzama/Elongation (%)
NDE Tahribatsız Test/Non Destructive Examination
B Hassaslık/ Beveled
VDC Genel Kontrol/ Visual&Dimensional Check
EX Genişletme/ Expanding
HT Hidrostatik Test/ Hydrostatic Test(Bar)
IE Darbe Enerjisi/Impact Energy(Joule)
TT Test Sıcaklığı/ Test Temp for Impact Testing(°C)
HT TIME Sanyia/ Second
FT Yassıltma/ Flattening
BD Bükme/Bending

CE marking clauses EN 10219 kapsamında Üretilen ürünler için geçerlidir.
CE marking applies to those products in accordance with EN 10219

| | | | |

Barrett Constructional Steel Limited
282 Cutler Heights Lane
Dudley Hill
Bradford
West Yorkshire, BD4 9HU
Tel: 01724 290950 Fax: 01724 290966
www.barrettsteel.com

This is a True Copy of Original Test Certificate: - 002330O - Page: 2 of 2

Customer: WELDRITE STRUCTURES LIMITED
Customer Order Number: WSL9996 L7
Advice Number: G798304
Material Code: HF CIRCULAR SECTION 139.7 X 5.0
Certificate Number: 002330O
Cast Number: RANGE
Invoice Number:

Material: HF CIRCULAR SECTION 139.7 X 5.0 - Certificate: 0023300 - Cast: RANGE

TOSÇELİK Profil ve Sac

Adress :Organize San. Bölgesi Samsatı / ISKENDERUN
Tel :+90 326 656 29 90 PBX
Fax :+90 326 656 29 95
Web :www.toscelik.com.tr
E-mail :isocalik@toscelik.com.tr

TEST SERTİFİKASI
MILL TEST CERTIFICATE

MUŞTERİ ADI & ADRESİ:
NAME & ADDRESS OF THE CUSTOMER
BARRETT STEEL TRADING LIMITED
BRAGG ROAD, SCUNTHORPE DN16 1BB UK
INGILTERE 442082619200

DESCRIPTION OF GOODS
ERW HOLLOW SECTIONS

CE 1922 CE 2195

EN 10219 NO: 2195-CPR-1710101
EN 10210 NO: 1922-CPR-0570

SERTİFİKA NO/CERTIFICATE NO: 1000000063
SAYFA/PAGE NO: 1972/34
SEVK TARİHİ/DATE OF DISPATCH: 17.05.2018
SERTİFİKA TARİHİ/CERT DATE: 25.05.2018
SERTİFİKA NORMU/CERT NORM: EN 10204 3.1
SATIŞ BELGESİ: 1031154207
SEFER NUMARASI: 1000001570/A
EN 10219 DOP: TPE DOP 004
EN 10210 DOP: TPE DOP 007

Uzun Bölgy ve Mekanik Testler/Product Information and Mechanical Tests

SIRA ITEM	TİP TYPE	EBAT SIZE	PAKET NO PACK NO	DÖKÜM CAST NO	LOT NO	ÜRÜN NORM PRODUCT NORM	KALİTE STEEL GRADE	YS Nmm²	TS Nmm²	E %	IE 1 J	IE 2 J	IE 3 J	IE AV. J	HT °C	HT BAR	HT TIME Sec	HT VOC	HT FT	HT BD	HT EX	HT HDF	D
1.373	CHSH	139.70X5.00X12000	GB02810394	1802986	BIRKENHEAD	EN 10210	S355J2H	433	510	27.2	70.00	73.00	77.00	73.33	-20			G	G	G	G	G	
1.374	CHSH	139.70X5.00X12000	GB02810395	1802986	BIRKENHEAD	EN 10210	S355J2H	433	510	27.2	70.00	73.00	77.00	73.33	-20			G	G	G	G	G	
1.375	CHSH	139.70X5.00X12000	GB02810396	1802986	BIRKENHEAD	EN 10210	S355J2H	433	510	27.2	70.00	73.00	77.00	73.33	-20			G	G	G	G	G	
1.376	CHSH	139.70X5.00X10000	GB02810341	1803532	BIRKENHEAD	EN 10210	S355J2H	425	522	28.4	60.00	63.00	67.00	63.33	-20			G	G	G	G	G	
1.377	CHSH	139.70X5.00X10000	GB02810342	1803532	BIRKENHEAD	EN 10210	S355J2H	425	522	28.4	60.00	63.00	67.00	63.33	-20			G	G	G	G	G	
1.378	CHSH	139.70X5.00X12000	GB02810344	1802986	BIRKENHEAD	EN 10210	S355J2H	433	510	27.2	70.00	73.00	77.00	73.33	-20			G	G	G	G	G	
1.379	CHSH	139.70X5.00X12000	GB02810345	1803419	BIRKENHEAD	EN 10210	S355J2H	411	513	26.8	60.00	72.00	76.00	72.33	-20			G	G	G	G	G	

Kimyasal Testler / Chemical Tests

SIRA ITEM	DÖKÜM NO HEAT NO	C %	Si %	Mn %	P %	Al %	Cr %	Mo %	Ni %	Cu %	N %	Ti %	V %	Nb %	CEIIW %	CEPCM %
1.373	1802986	0.1103	0.2267	0.0110	1.2080	0.0153	0.0252	0.0836	0.0059	0.0725	0.2377	0.0033	0.0046	0.0044	0.0150	0.0195	0.3511	0.1995
1.374	1802986	0.1103	0.2267	0.0110	1.2080	0.0153	0.0252	0.0836	0.0059	0.0725	0.2377	0.0033	0.0046	0.0044	0.0150	0.0195	0.3511	0.1995
1.375	1802986	0.1103	0.2267	0.0110	1.2080	0.0153	0.0252	0.0836	0.0059	0.0725	0.2377	0.0033	0.0046	0.0044	0.0150	0.0195	0.3511	0.1995
1.376	1803532	0.1398	0.2140	0.0084	1.2080	0.0148	0.0563	0.1035	0.0101	0.1778	0.2859	0.0030	0.0010	0.0044	0.0087	0.0206	0.3950	0.2278
1.377	1803532	0.1398	0.2140	0.0084	1.2080	0.0148	0.0563	0.1035	0.0101	0.1776	0.2859	0.0030	0.0010	0.0044	0.0087	0.0206	0.3950	0.2278
1.378	1802986	0.1103	0.2267	0.0110	1.2080	0.0153	0.0252	0.0836	0.0059	0.0725	0.2377	0.0033	0.0045	0.0044	0.0150	0.0195	0.3511	0.1995
1.379	1803419	0.1588	0.2308	0.0017	1.1300	0.0131	0.0299	0.0557	0.0164	0.0747	0.2922	0.0031	0.0010	0.0010	0.0148	0.0194	0.3885	0.2434

CHS INDUSTRIAL PIPE
CHSH HEAT TREATED INDUSTRIAL PIPE
R RECTANGULAR HOLLOW SECTION
RH HEAT TREATED RECT HOLLOW SECTI
S SQUARE HOLLOW SECTION
SH HEAT TREA SQUARE HOLLOW SECTIO
WWR WIDE COMB WELDED HOLLOW SECTIO

CE markalanması EN 10219 kapsamında Üretim sırasında için geçerlidir
CE marking applies to those produced in accordance with EN 10219
10.0x6.00 : 338.7x13.00 / 10x10x6.00 : 250x250x13.00 / 200x100x6.00 : 350x200x13.00
CE markalanması EN 10210 kapsamında Üretim sırasında için geçerlidir
CE marking applies to those produced in accordance with EN 10219
17.0x6.00 - 338.7x13.00 / 10x10x6.00 - 250x250x13.00 / 200x100x6.00 - 350x200x13.00

G Iyi/Good
YS Akma Mukavemeti/Yield Strength(N/mm^2)
TS Çekme Mukavemeti/Tensile Strength(N/mm^2)
E Uzama/Elongation (%)
NDE Tahribatsız Test/Non Destructive Examination
B Havsala/Bevelled
VDC Görsel Kontrol/ Visual&Dimensional Check
EX Genişletme/ Expanding
HT Hidrostatik Test/ Hydrostatic Test(Bar)
IE Darbe Enerjisi/Impact Energy(Joule)
TT Test Sıcaklığı/ Test Temp for Impact Testing(°C)
HT TIME Süre/ Second
FT Yassılma/ Flattening
BD Bukma/Bending

ONAY / APPROVED BY
ERW Fabrikası Kalite Müdürü / ERW Plants Quality Manager
Bülent BÖNENEZ
bulent.sonmez@toscelik.com.tr

TOSÇELİK Profil ve Sac
Toscelik Profil ve Sac Endüstrisi A.Ş.
Organize Sanayi Bölgesi Samsat/İSKENDERUN
T +90 (326) 656 2990 (pbx) F +90 (326) 656 2995
Alem Dairesi V.D 086 061 3021

Bu Sertifika TOSÇELİK PROFİL SAC VE END. A.Ş. ürünlerinin ürünün standartlara ve siparis sartlarına uygun olduğunu teyit eder.iz.
These results are certified by TOSÇELİK PROFİL SAC VE END. A.S. and comply with the requirements of the product description

WELDRITE STRUCTURES LIMITED
Customer: WSL9996 L7
Customer Order Number: G798304
Advice Number:

HF CIRCULAR SECTION 139.7 X 5.0
Material Code: 0023474
Certificate Number: 7T49110
Cast Number:
Invoice Number:

Barrett Constructional Steel Limited
282 Cutler Heights Lane
Dudley Hill
Bradford
West Yorkshire, BD4 9HU
Tel: 01724 290950 Fax: 01724 290966
www.barrettsteel.com

BARRETT Constructional Steel

This is a True Copy of Original Test Certificate: - 0023474 - Page: 1 of 1

23474

A04

TATA

Tata Steel UK Limited
Corby Works
PO Box 101
Corby Northants UK NN17 5UA

A01
Telephone: +44 (0) 1536 402121
Fax: +44 (0) 1536 404111

INSPECTION CERTIFICATE
EN10204 Type 3.1

A02

Page No. 1 of 1

Date	07/09/18 Z02
Cert No.	120/1836/0941 A03
Del. Note	CW /0081

Customer A06

TUBES (UK) NORTH

BRIGG ROAD
SCUNTHORPE
NORTH LINCS
DN16 1BB

CE
0038

Quality Management System Approved to ISO 9001

Tata Steel Ref.No. Sales	BZB 384732	Works	11 16193 A08
Customer Order No.	P/O: Z002961	OF 17/MAY/18	A07

Product Description B01-B04

CELSIUS HOT FINISHED WELDED STEEL CIRCULAR HOLLOW SECTIONS TO EN 10210 : 2006 GRADE S355NH AND DUAL CERTIFIED WITH S355J2H INCLUDING OPTIONS 1.2, 1.4 + 1.5. SILICON CONTENT 0.15-0.25%. CARBON EQUIVALENT 0.43 MAX. SURFACE CONDITION IN ACCORDANCE WITH EN10163-3 CLASS D SUB-CLASS 3.

FPC CERTIFICATE NUMBER 0038/CPR/LRQ0840080/B
DURABILITY: NO PERFORMANCE DETERMINED - SUBJECT TO FINAL COATING

NORMALISED ROLLED
MADE IN UK

L=Longitudinal T=Transverse B=Body W=Weld HAZ=Heat Affected Zone S=Stripped Section F=Full Section KV=Charpy - V HV=Hardness Vickers(10Kg Load) HR=Hardness Rockwell B

Item No.	B08 Number of Pieces	B09-B12 Product Dimensions (mm)	B07 Cast/Heat No.	B07 Bundle no.	Tensile Test C01 C02 C10	C11 Yield Stress Re (N/mm²)	C12 Tensile Strength Rm (N/mm²)	C13 Elong A 5.65 (%)	Impact/Hardness Tests C01 C02	C40 C30 Test Type	C41 Width (mm)	C03 Temp (C)	C42 C31 Values (J)	C43 C32 Ave (J)	Steel Making Process C70: BASIC OXYGEN STEEL; Other Tests C50-C69 D02-D99
15	49	EOCSH139.705.0H 139.70 x 5.00 x 14.600M = 715.40M	7T49110	11576739 11576740 11576742 11576743 11576744 11576745 11576746	B L S	371	496	33							WELD SEAM 100% EDDY CURRENT TESTED TO EN 10246-3 FLATTENING TEST FOR SEAM WELD QUALITY CONTROL, SATISFACTORY
x x	x x x x	x x x x x x x x x x x x x	x x x x x	x x x x x x x	x	x x	END OF ITEM		x x x	x x x x	x x x x	x x	x x x x	x x x x	x x x x x x x x x x x x x x x x x x x x
x x	x x x	x x x x x x x x x x x x x	x x x x x	x x x x x x x	x	x x	END OF CERT		x x x	x x x x	x x x x	x x	x x x x	x x x x	x x x x x x x x x x x x x x x x x x x x

C71-C99 Analysis %	C	Si	Mn	P	S	Cr	Mo	Ni	Al	B	Cu	N	Nb	Sn	Ti	V	CEV
Cast No.																	
7T49110 LADLE	0.14	0.18	1.40	0.014	0.011	0.017	0.001	0.022	0.048	0.0002	0.034	0.006	0.001	0.010	0.002	0.002	0.38

Code Numbers in accordance with EN 10168 (see overleaf).
Alterations to this document or its use for other products shall be regarded as falsification of documents and be subject to criminal jurisdiction.

Compliance with European Directives - The CE mark shown in Corby Works inspection documents is in accordance with the Construction Products Regulation 305/2011/EU applicable to harmonized standards EN 10210, EN 10219 & EN 10255 only. Corby Works Quality System complies with the Pressure Equipment Directive (PED) 2014/68/EU Annex I Para. 4.3. Note for end users - only tubes in accordance with EN 10217 have a presumption of conformity with the PED.

S.M.Jeffrey Z02
Quality Manager A05
This document has been prepared by a computer system and is valid without signature.

Z01 The products covered by this inspection document are certified by Tata Steel UK Limited and comply with the requirements of the Order Acknowledgement.

30 Millbank London SW1P 4WY Company Reg.No.02280000.

Material: HF CIRCULAR SECTION 139.7 X 5.0 - Certificate: 0023474 - Cast: 7T49110

Material: HF CIRCULAR SECTION 139,7 X 5,0 - Certificate: 0001833 - Cast: RANGE

1833

TOSÇELİK Profil ve Sac

Adress :Organize San. Bölgesi Sarıseki / ISKENDERUN
Tel :+90 326 656 28 90 PBX
Fax :+90 326 656 28 95
Web :www.toscelik.com.tr
E-mail :toscelik@toscelik.com.tr

TEST SERTİFİKASI
MILL TEST CERTIFICATE

MÜŞTERİ ADI & ADRESİ
NAME & ADDRESS OF THE CUSTOMER
BARRETT STEEL TRADING LIMITED
BRIGG ROAD , SCUNTHORPE DN16 1BB UK
İNGİLTERE 4402892619200

DESCRIPTION OF GOODS
ERW HOLLOW SECTIONS

CE 2195 CE 1922

EN 10219 NO: 2195-CPR-1710101
EN 10210 NO: 1922-CPR-0570

SERTİFİKA NO/CERTIFICATE NO : 1000037442
SAYFA/PAGE NO : 151/156
SEVK TARİHİ/DATE OF DISPATCH : 04.03.2018
SERTİFİKA TARİHİ/CERT. DATE : 10.04.2018
SERTİFİKA NORMU/CERT NORM. : EN 10204-3.1
SATIŞ BELGESİ : 10298148
SEFER NUMARASI : 10000014547
EN 10219 DOP: TPE.DOP.004
EN 10210 DOP: TPE.DOP.007

Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

SIRA ITEM	TIP TYPE	EBAT SIZE	PAKET NO PACK NO	DÖKÜM CAST NO	LOT NO	ÜRT.NORM PRODUCT NORM	KALİTE STEEL GRADE	YS N/mm²	TS N/mm²	E %	IE 1 J	IE 2 J	IE 3 J	IE AV. J	TT °C	HT BAR	HT TIME Sec	VDC	PT	BD	EX	NDE	B
1.051	CHSH	139,70X5,00X7500	GB02693899	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	
1.052	CHSH	139,70X5,00X7500	GB02693914	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	
1.053	CHSH	139,70X5,00X7500	GB02693915	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	
1.054	CHSH	139,70X5,00X7500	GB02693916	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	
1.055	CHSH	139,70X5,00X7500	GB02693917	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	
1.056	CHSH	139,70X5,00X7500	GB02693918	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	
1.057	CHSH	139,70X5,00X7500	GB02693919	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	

Kimyasal Testler / Chemical Tests

SIRA	DÖKÜM NO	C	SI	S	MN	P	AL	CR	MO	NI	CU	N	TI	V	SN	NB	CEIIW	CEPCM
ITEM	HEAT NO	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
1.051	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.052	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.053	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.054	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.055	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.056	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.057	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139

G :Iyi/Good
YS :Akma Muk./Yield Strength(N/mm^2)
TS :Çekme Muk./Tensile Strength(N/mm^2)
E :Uzama/Elongation (%)
NDE:Tahribatsız Test/Non Destructive Examination
S: Havsalı/ Bevelled
VDC: Görsel Kontrol/ Visual&Dimensional Check
EX: Genişletme/ Expanding
HT: Hidrostatik Test/ Hydrostatic Text(Bar)
IE :Darbe Enerjisi/Impact Energy(Joule)
TT :Test Sıcaklığı/ Test Temp.for Impact Testing(°C)
HT TIME: Saniye/ Second
FT: Yassıltma/ Flattanning
BD: Bükme/Bending

CHS:INDUSTRIAL PIPE
CHSH:HEAT TREATED INDUSTRIAL PIPE
R:RECTANGULAR HOLLOW SECTION
RH:HEAT TREATED RECT HOLLOW SECTI
S:SQUARE HOLLOW SECTION
SH:HEAT TREA SQUARE HOLLOW SECTIO
WWR:WIDE COMB WELDED HOLLOW SECTIO

CE markalaması: EN 10219 kapsamında Üretilen ürünler için geçerlidir
CE marking applies to those produced in accordance with EN 10219
EN 10219-1 CE Kapsam/Scope.
10.0x0.60 - 339.7x13.00 / 10x10x0.60 - 250x250x13.00 / 20x10x0.60 - 300x200x13.00
CE markalaması: EN 10210 kapsamında Üretilen ürünler için geçerlidir
CE marking applies to those produced in accordance with EN 10210
EN 10210 CE Kapsam/Scope.
17.0x0.60 - 339.7x13.00 / 10x10x0.60 - 250x250x13.00 / 20x10x0.60 - 300x200x13.00

ONAY / APPROVED BY
ERW Fabrikaları Kalite Müdürü / ERW Plants Quality Manager
Bülent SONMEZ
bulent.sonmez@toscelik.com.tr

TOSÇELİK Profil ve Sac
Tosçelik Profil ve Sac Endüstrisi A.Ş.
Organize Sanayi Bölgesi Sarıseki/İSKENDERUN
T: +90 (326) 656 2890 (pbx) Fax: 90 326 656 28 95
Atam Gürsoy V.D. 004 001 3021

Bu Sertifika TOSÇELİK PROFİL SAC VE END. A.S. tarafından üretilen standartlara ve sipariş kontratına uygun olduğunu teyit eder.
These results are certified by TOSCELIK PROFIL SAC VE END. A.S. and compl with the requirements of the product description

This is a True Copy of Original Test Certificate: - 0001833 - Page: 1 of 2

BARRETT Constructional Steel

Barrett Constructional Steel Limited
282 Cutler Heights Lane
Dudley Hill
Bradford
West Yorkshire, BD4 9HU
Tel: 01724 290950 Fax: 01724 290966
www.barrettsteel.com

Customer: WELDRITE STRUCTURES LIMITED
Customer Order Number: WSL9996 L7
Advice Number: G7983O4
Material Code: HF CIRCULAR SECTION 139.7 X 5.0
Certificate Number: 0001833
Cast Number: RANGE
Invoice Number:

Barrett Constructional Steel Limited
282 Cutler Heights Lane
Dudley Hill
Bradford
West Yorkshire, BD4 9HU
Tel: 01724 290950 Fax: 01724 290966
www.barrettsteel.com

This is a True Copy of Original Test Certificate: - 0001833 - Page: 2 of 2

Customer:	WELDRITE STRUCTURES LIMITED
Customer Order Number:	WSL9996 L7
Advice Number:	G798304
Material Code:	HF CIRCULAR SECTION 139.7 X 5.0
Certificate Number:	0001833
Cast Number:	RANGE
Invoice Number:	

Material: HF CIRCULAR SECTION 139.7 X 5.0 - Certificate: 0001833 - Cast: RANGE

TOSÇELİK Profil ve Sac

Address :Organize San. Bölgesi Sarısaklı / ISKENDERUN
Tel :+90 326 656 28 90 PBX
Fax :+90 326 656 28 95
Web :www.toscelik.com.tr
E-mail :toscelik@toscelik.com.tr

TEST SERTİFİKASI
MILL TEST CERTIFICATE

MÜŞTERİ ADI & ADRESİ
NAME & ADDRESS OF THE CUSTOMER
BARRETT STEEL TRADING LIMITED
BRIGG ROAD, SCUNTHORPE DN16 1BB UK
ENGLTERE 442089261920

DESCRIPTION OF GOODS
ERW HOLLOW SECTIONS

CE 2195 CE 1922
EN 10219 NO: 2195-CPR-1710101
EN 10210 NO: 1922-CPR-0570

SERTİFİKA NO/CERTIFICATE NO : 1000937442
SAYFA/PAGE NO : 152156
SEVK TARİHİ/DATE OF DISPATCH : 04.03.2018
SERTİFİKA TARİHİ/CERT. DATE : 10.04.2018
SERTİFİKA NORMU/CERT. NORM. : EN 10204-3.1
SATIŞ BELGESİ : 10298148
SEFER NUMARASI : 10000014547
EN 10219 DOP: TPE.DOP.004
EN 10210 DOP: TPE.DOP.007

Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

SIRA ITEM	TİP TYPE	EBAT SIZE	PAKET NO PACK NO	DÖKÜM CAST NO	LOT NO	ÜRT.NORM PRODUCT NORM	KALİTE STEEL GRADE	YS N/mm²	TS N/mm²	E %	IE 1 J	IE 2 J	IE 3 J	IE AV. J	NB °C	HT BAR	HT TIME Sec	VDC	FT	BD	EX	NDE	B
1.058	CHSH	139.70X5.00X7500	GB02693921	81186804901	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G				
1.059	CHSH	139.70X5.00X7500	GB02693935	81186804902	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G				
1.060	CHSH	139.70X5.00X8500	GB02693941	81186804903	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G				
1.061	CHSH	139.70X5.00X8500	GB02693944	81186804904	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G				
1.062	CHSH	139.70X5.00X8500	GB02693947	81186804905	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G				
1.063	CHSH	139.70X5.00X8500	GB02693948	81186804906	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G				
1.064	CHSH	139.70X5.00X8500	GB02693949	81186804907	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G				

Kimyasal Testler/Chemical Tests

SIRA ITEM	DÖKÜM NO HEAT NO	C %	SI %	S %	MN %	P %	AL %	CR %	MO %	NI %	CU %	N %	TI %	V %	SN %	NB %	CEIIW %	CEPCM %
1.058	81186804901	0.1274	0.2118	0.0086	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.059	81186804902	0.1274	0.2118	0.0086	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.060	81186804903	0.1274	0.2118	0.0086	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.061	81186804904	0.1274	0.2118	0.0086	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.062	81186804905	0.1274	0.2118	0.0086	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.063	81186804906	0.1274	0.2118	0.0086	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.064	81186804907	0.1274	0.2116	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139

G :Iyi/Good
YS :Akma Muk./Yield Strength(N/mm^2)
TS :Çekme Muk./Tensile Strength(N/mm^2)
E :Uzama/Elongation (%)
NDE:Tahribatsız Test/Non Destructive Examination
B: Havşalı Bevelled
VDC :Görsel Kontrol/ Visual&Dimensional Check
EK: Genişletme/ Expanding
HT: Hidrostatik Test/ Hydrostatic Test(Bar)
IE :Darbe Enerjisi/Impact Energy(Joule)
TT :Test Sıcaklığı/ Test Temp.for Impact Testing(C)
HT TIME: Saniye/ Second
FT: Yassıltma/ Flattening
BD: Bükme/Bending

CHS:INDUSTRIAL PIPE
CHSH:HEAT TREATED INDUSTRIAL PIPE
R:RECTANGULAR HOLLOW SECTION
RH :HEAT TREATED RECT HOLLOW SECTI
S:SQUARE HOLLOW SECTION
SH:HEAT TREA SQUARE HOLLOW SECTIO
WWR:WIDE COMB WELDED HOLLOW SECTIO

CE markalamasi: EN 10219 kapsaminda Üretilen ürünler için geçerlidir
CE marking applies to those products in accordance with EN 10219
EN 10219 - CE Kapsami/Scope:
10x2x0.60 - 350.1x13.00 / 10x10x0.60 - 250x250x13.00 / 20x10x0.60 - 300x200x13.00
CE markalamasi EN 10210 kapsaminda Ürünler için geçerlidir
CE marking applies to those products in accordance with EN 10210
EN 10210 CE Kapsami/Scope:
17.0x0.60 - 355.7x13.00 / 10x10x0.60 - 250x250x13.00 / 20x10x0.60 - 300x200x13.00

ONAY / APPROVED BY
ERW Fabrikaları Kalite Müdürü / ERW Plants Quality Manager
Silent SONMEZ
bulentsonmez@toscelik.com.tr

TOSÇELİK Profil ve Sac Endüstrisi A.Ş.
Organize Sanayi Bölgesi Sarısaklı/İSKENDERUN
T:+90 (326) 6562890 (pbx) Fax: +90 (326) 6562895
Ticaret Sicil No: 24021

Bu Sertifika TOSÇELİK PROFİL SAC VE END. A.Ş. tarafından üretilen standartlara ve sipariş kontratına uygun olduğunu tayit eder.
These results are certified by TOSÇELİK PROFİL SAC VE END. A.Ş. and compl with the requirements of the product description

Material: HF CIRCULAR SECTION 139.7 X 5.0 - Certificate: 0001834 - Cast: RANGE

1833 / 1834

TOSÇELİK Profil ve Sac

Adress :Organize San. Bölgesi Sarısaki / ISKENDERUN
Tel :+90 326 656 28 90 PBX
Fax :+90 326 656 28 95
Web :www.toscelik.com.tr
E-mail :toscelik@toscelik.com.tr

TEST SERTİFİKASI
MILL TEST CERTIFICATE

CE 2195 CE 1822

EN 10219 NO: 2195-CPR-1710101
EN 10210 NO: 1922-CPR-0570

SERTİFİKA NO/CERTIFICATE NO	:	1000037442
SAYFA/PAGE NO	:	152/156
SEVK TARİHİ/DATE OF DISPATCH	:	04.03.2018
SERTİFİKA TARİHİ/CERT. DATE	:	10.04.2018
SERTİFİKA NORMU/CERT NORM.	:	EN 10204-3.1
SATIŞ BELGESİ	:	10298148
SEFER NUMARASI	:	10000014547

EN 10219 DOP: TPE.DOP.004
EN 10210 DOP: TPE.DOP.007

MÜŞTERİ ADI & ADRESİ
NAME & ADDRESS OF THE CUSTOMER
SARRETT STEEL TRADING LIMITED
BRIGG ROAD . SCUNTHORPE DN16 1BB UK
İNGİLTERE 4402892619200

DESCRIPTION OF GOODS
ERW HOLLOW SECTIONS

Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

SIRA ITEM	TİP TYPE	EBAT SIZE	PAKET NO PACK NO	DÖKÜM CAST NO	LOT NO	URT.NORM PRODUCT NORM	KALİTE STEEL GRADE	YS N/mm²	TS N/mm²	E %	IE 1 J	IE 2 J	IE 3 J	IE AV. J	TT °C	HT BAR	HT TIME Sec	VDC	FT	BD	EX	NDE	B
1.058	CHSH	139,70X5,00X7500	GB02693921	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	
1.059	CHSH	139,70X5,00X7500	GB02693935	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	
1.060	CHSH	139,70X5,00X8500	GB02693941	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	
1.061	CHSH	139,70X5,00X8500	GB02693944	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	
1.062	CHSH	139,70X5,00X8500	GB02693947	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	
1.063	CHSH	139,70X5,00X8500	GB02693948	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	
1.064	CHSH	139,70X5,00X8500	GB02693949	8118680490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G		G	G	

Kimyasal Testler / Chemical Tests

SIRA	DÖKÜM NO	C	SI	S	MN	P	AL	CR	MO	NI	CU	N	TI	V	SN	NB	CEIIW	CEPCM
ITEM	HEAT NO	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
1.058	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.059	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.060	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.061	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.062	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.063	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.064	8118680490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139

G :İyi/Good
YS :Akma Muk./Yield Strength(N/mm^2)
TS :Çekme Muk./Tensile Strength(N/mm^2)
E :Uzama/Elongation (%)
NDE:Tahribatsız Test/Non Destructive Examination
B: Havsalı/ Bevelled
VDC: Görsel Kontrol/ Visual&Dimensional Check
EX: Genişletme/ Expanding
HT: Hidrostatik Test/ Hydrostatic Text(Bar)
IE :Darbe Enerjisi/Impact Energy(Joule)
TT :Test Sıcaklığı/ Test Temp.for Impact Testing(°C)
HT TIME: Saniye/ Second
FT: Yassıltma/ Flattanning
BD: Bükme/Bending

CHS:INDUSTRIAL PIPE
CHSH:HEAT TREATED INDUSTRIAL PIPE
R:RECTANGULAR HOLLOW SECTION
RH:HEAT TREATED RECT HOLLOW SECTI
S:SQUARE HOLLOW SECTION
SH:HEAT TREA SQUARE HOLLOW SECTIO
WWR:WIDE COMB WELDED HOLLOW SECTIO

CE markalaması EN 10219 kapsamında Üretilen ürünler için geçerlidir
CE marking applies to those produced in accordance with EN 10219
EN 10219-1 CE Kapsam/Scope:
10.0x0.60 - 339.7x13.00 / 10x10x0.60 - 250x250x13.00 / 20x10x0.60 - 300x200x13.00
CE markalaması EN 10210 kapsamında Üretilen ürünler için geçerlidir
CE marking applies to those produced in accordance with EN 10210
EN 10210 CE Kapsam/Scope:
17.0x0.60 - 339.7x13.00 / 10x10x0.60 - 250x250x13.00 / 20x10x0.60 - 300x200x13.00

ONAY / APPROVED BY
ERW Fabrikaları Kalite Müdürü / ERW Plants Quality Manager
Bülent SÖNMEZ
bulent.sonmez@toscelik.com.tr

TOSÇELİK Profil ve Sac
Tosçelik Profil ve Sac Endüstrisi A.Ş.
Organize Sanayi Bölgesi Sarısaki/İSKENDERUN
T +90 (326) 656 2890 (pbx) F ax +90 (326) 656 2895
Asım Gündüz Cd. No: 06 00 3021

Bu Sertifika TOSÇELİK PROFİL SAC VE END. A.Ş. tarafından üretilen standartlara ve sipariş kontratına uygun olduğunu teyit eder.iz.
These results are certified by TOSCELIK PROFIL SAC VE END. A.S. and compl with the requirements of the product description

This is a True Copy of Original Test Certificate: - 0001834 - Page: 1 of 2

Barrett Constructional Steel Limited
282 Cutler Heights Lane
Dudley Hill
Bradford
West Yorkshire, BD4 9HU
Tel: 01724 290950 Fax: 01724 290966
www.barrettsteel.com

Customer: WELDRITE STRUCTURES LIMITED
Customer Order Number: WSL9996 L7
Advice Number: G798304

Material Code: HF CIRCULAR SECTION 139.7 X 5.0
Certificate Number: 0001834
Cast Number: RANGE
Invoice Number:

1834

Material: HF CIRCULAR SECTION 139.7 X 5.0 - Certificate: 0001834 - Cast: RANGE

Barrett Constructional Steel Limited
282 Cutler Heights Lane
Dudley Hill
Bradford
West Yorkshire, BD4 9HU
Tel: 01724 290950 Fax: 01724 290966
www.barrettsteel.com

TOSÇELİK Profil ve Sac

Adres :Organize San. Bölgesi Sarıseki / İSKENDERUN
Tel. :+90 326 656 29 90 PBX
Fax :+90 326 656 29 95
Web :www.toscelik.com.tr
E-mail :toscelik@toscelik.com.tr

TEST SERTİFİKASI
MILL TEST CERTIFICATE

MÜŞTERİ ADI & ADRESİ
NAME & ADDRESS OF THE CUSTOMER
BARRETT STEEL TRADING LIMITED
BRIGG ROAD , SCUNTHORPE DN16 1BB UK
INGILTERE 448028975 19200

DESCRIPTION OF GOODS
ERW HOLLOW SECTIONS

CE 1922 2195

EN 10219 NO: 2195-CPR-171010
EN 10210 NO: 1922-CPR-0570

SERTİFİKA NO/CERTIFICATE NO : 1000037442
SAYFA/PAGE NO : 153/156
SEVK TARİHİ/DATE OF DISPATCH : 04.03.2018
SERTİFİKA TARİHİ/CERT. DATE : 10.04.2018
SERTİFİKA NORMU/CERT. NORM. : EN 10204-3.1
SATIS BELGESİ : 10298148
SEFER NUMARASI : 1000001454?
EN 10219 DOP: TPE.DOP.004
EN 10210 DOP: TPE.DOP 007

Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

SIRA ITEM	TİP TYPE	EBAT SIZE	PAKET NO PACK NO	DÖKÜM CAST NO	LOT NO	ÜRÜ.NORM PRODUCT NORM	KALİTE STEEL GRADE	YS Nimm²	TS Nimm²	E %	IE 1 J	IE 2 J	IE 3 J	IE AV. J	TT °C	HT BAR	HT TIME Sec	VDC	PT	BD	EX	NDE	B
1.065	CHSH	139.70X5.00X6500	GB02693950	81186804490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G	G	G	G	
1.066	CHSH	139.70X5.00X8500	GB02693951	81186804490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G	G	G	G	
1.067	CHSH	139.70X5.00X8500	GB02693956	81186804490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G	G	G	G	
1.068	CHSH	139.70X5.00X10000	GB02693975	81186804490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G	G	G	G	
1.069	CHSH	139.70X5.00X10000	GB02693978	81186804490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G	G	G	G	
1.070	CHSH	139.70X5.00X10000	GB02693980	81186804490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G	G	G	G	
1.071	CHSH	139.70X5.00X10000	GB02693985	81186804490	GOOLE PORT	EN 10210	S355J2H	464	564	26.8	61.00	64.00	68.00	64.33	-20			G	G	G	G	G	

Kimyasal Testler / Chemical Tests

SIRA ITEM	DÖKÜM NO HEAT NO	C %	Si %	S %	Mn %	P %	Al %	Cr %	Mo %	Ni %	Cu %	N %	Ti %	V %	Sn %	Nb %	Ceiw %	Cepcm %
1.065	81186804490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.066	81186804490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.067	81186804490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.068	81186804490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.069	81186804490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.070	81186804490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139
1.071	81186804490	0.1274	0.2118	0.0088	1.2330	0.0239	0.0354	0.0502	0.0085	0.0911	0.2623	0.0030	0.0044	0.0092	0.0199	0.0187	0.3700	0.2139

G : İyi/Good
YS :Akma Muk./Yield Strength(N/mm^2)
TS :Çekme Muk./Tensile Strength(N/mm^2)
E : Uzama/Elongation (%)
NDE Tahribatsız Test/Non Destructive Examination
B: Havsal/ Bevelled
VDC: Görsel Kontrol/ Visual&Dimensional Check
EX: Genişletme/ Expanding
HT : Hidrostatik Test/ Hydrostatic Test(Bar)
IE :Darbe Enerjisi/Impact Energy(Joule)
TT :Test Sıcaklığı/ Test Temp.for Impact Tesing(°C)
HT TIME: Sanye/ Second
PT : Yassıltma/ Flattening
BD: Bükme/Bending

CHS INDUSTRIAL PIPE
CHSH:HEAT TREATED INDUSTRIAL PIPE
R:RECTANGULAR HOLLOW SECTION
RH:HEAT TREATED RECT HOLLOW SECTI
S:SQUARE HOLLOW SECTION
SH:HEAT TREA SQUARE HOLLOW SECTIO
WWR:WIDE COMB WELDED HOLLOW SECTIO

CE markalamaya EN 10219 kapsamında Üretilen ürünler için geçerlidir
CE marking applies to those producuct in accordance with EN 10219
EN 10219-1 CE Kaplamı/Sleeve.
10.0x0.60 - 339.7x13.00 / 10x10x0.60 - 250x250x13.00 / 20x10x0.60 - 300x200x13.00
CE markalaması EN 10210 kapsamında Üretilen ürünler için geçerlidir
CE marking applies to those producuct in accordance with EN 10210
EN 10210 CE Kaplamı/Sleeve
17.0x0.60 - 339.7x13.00 / 10x10x0.60 - 250x250x13.00 / 20x10x0.60 - 300x200x13.00

ONAY / APPROVED BY
ERW Fabrikaları Kalite Müdürü / ERW Plants Quality Manager
Bülent SÖNMEZ
bulent.sonmez@toscelik.com.tr

TOSÇELİK

Bu Sertifika TOSÇELİK PROFİL SAC VE END. A.Ş. tarafından üretilen standartlara ve sipariş kontratına uygun olduğunu teyit eder.
These results are certified by TOSÇELİK PROFİL SAC VE END. A.S. and compl with the requirements of the product description

Customer: WELDRITE STRUCTURES LIMITED
Customer Order Number: WSL9996 L7
Advice Number: G798304
Material Code: HF CIRCULAR SECTION 139.7 X 5.0
Certificate Number: 001834
Cast Number: RANGE
Invoice Number: