

BESTELLUNG

Bieber & Marburg GmbH + Co. KG
 Stahl- u. Röhrenhandel
 Steinberger Weg 60

35394 Gießen

Bei Rückfragen / Zahlung immer angeben

Belegnummer E124/001686
 Lieferantenummer 5000234 000
 Beleg-Datum 19.04.2024

Unsere Kundennummer 55440
 Sachbearbeiter Fr. Hammann (hm)
 Telefonnummer 06434/25-710
 Telefaxnummer 06434/25705
 E-Mail-Adresse einkauf@haca.com

Ihr Angebot 768298,00
 Ihr Angebot vom 19.04.2024
 Ihre Telefonnummer 0641/7944-0
 Ihre Faxnummer 0641/7944291

**Wir bestellen zu unseren beiliegenden Einkaufsbedingungen LAE 2021
 und widersprechen allen abweichenden Bedingungen, die nicht schriftlich
 von uns anerkannt sind.**

Pos	Teilenummer	Termin	Menge Abw. Menge Einzelpreis	Wert in EUR
-----	-------------	--------	------------------------------------	-------------

Logistikpauschale pro Anlieferung: € 59,60

Bitte zu jeder Rechnung eine Lieferantenerklärung für Waren mit
 Präferenzursprungseigenschaft beifügen.

Bitte jede Sorte separat gebündelt anliefern!

BITTE TRAGEN SIE IN IHRE RECHNUNGEN IMMER UNSERE ARTIKELNUMMERN EIN.

1	65 0000001752	25.04.24	274 ST	
	Präz.Stahlrohr 33,7x3,2x2136mm			
	Geschw.Stahlrohr,DIN EN 10220			
	St37-2, Fixlängentol.+/-1mm			
			10,95 EUR/Stück	3.000,30
	Zeugnis		8,00 EUR	8,00
	Schweißnaht wirbelstromgeprüft			
	Fixlängen bürstenentgratet			
	Feuerverzinkungsfähig			
	mit Werksabnahmezeugnis 2.2			

Übertrag 3.008,30

MILL TEST CERTIFICATE

CUSTOMER	231390
ORDER	000007754
CERTIFICATE NO	28.03.2023
DATE	2
COMMODITY	ENW STEEL TUBES
SPECIFICATION	EN10210 S235JR 6 m. length

IMPACT STRENGTH	

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

Water well casing usage is not acceptable.

$$CEV = C + (Mn/6) + ((Cr + V + Mo)/5) + ((Ni + Cu)/15)$$

The Construction Products Regulation (CPR) (EU) No 305/2011 (in force since 1 July 2013) is a European Union regulation that aims to harmonize the rules for the construction products market across the EU. It sets out the requirements for the construction products, including the safety, health, and environmental protection. The regulation also establishes the CE marking system, which is used to indicate that a product complies with the requirements of the CPR. The regulation is applicable to all construction products that are placed on the market in the EU, regardless of whether they are new or existing products. The regulation also sets out the requirements for the construction products, including the safety, health, and environmental protection. The regulation also establishes the CE marking system, which is used to indicate that a product complies with the requirements of the CPR. The regulation is applicable to all construction products that are placed on the market in the EU, regardless of whether they are new or existing products.

NDT test are performed according to EN ISO 10893-11 (IA/IAH/IT) EN ISO 10893-2 E3/EAM/ET

CONFIDENTIAL

PRLXAL13J02 / REV.1.0 / 01.09.2015



DECLARATION OF PERFORMANCE

DoP-Nr : 001ENG

1. Product Name - Types - Qualities:

Cold formed welded structural hollow sections, EN 10219-1:2006,
Types : S235, S275, S355, S460
Qualities : JRH, J0H, J2H, M1H

2. Name and adress of manufacturer:


CAYIROVA BORU SAN. VE TIC. A.Ş.
Osmanгази Mah. Asiroğlu Cad.
No:170 Darca/Kocaeli/Turkey

3. Application:

Steel hollow sections to be used in metal structures or in composite metal and concrete structures.

4. System for assessment and verification of constancy of performance:

System 2+

5. Notified Body :

KIWA Netherlands BV (NoBo No: 0620) is based on:
• The initial inspection of the factory production control
• Continuous surveillance, assessment and evaluation of factory production control

The certificate of conformity of the production control provided with the unique number 0620-CPR:44856/04

6. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011 - Construction products, under the sole responsibility of the manufacturer identified above.

Signed on behalf of **CAYIROVA BORUSAN VE TIC. A.Ş.**


Mustafa ERTURK
Quality Manager
03 October 2022

7. Indicated Performance

Essential Characteristics	Performance		Determined by Standard title EN 10219-1:2006																																
Tolerances on Shape and dimensions	EN 10219-2 : 2019 Cold formed welded structural hollow section purposes		6.11.1																																
Elongation (%) (Min)	<table><tr><th>Type & Quality</th><th>Nominal thickness (mm) ≤ 40</th></tr><tr><td>S235JRH</td><td>24</td></tr><tr><td>S275J0H/S275J2H</td><td>20</td></tr><tr><td>S355J0H/S355J2H</td><td>20</td></tr><tr><td>S460MH</td><td>17</td></tr></table>		Type & Quality	Nominal thickness (mm) ≤ 40	S235JRH	24	S275J0H/S275J2H	20	S355J0H/S355J2H	20	S460MH	17	6.7.1 Table A.3 + B.5																						
Type & Quality	Nominal thickness (mm) ≤ 40																																		
S235JRH	24																																		
S275J0H/S275J2H	20																																		
S355J0H/S355J2H	20																																		
S460MH	17																																		
Tensile (mpa)	<table><tr><th>Type & Quality</th><th>Nominal thickness (mm) ≤ 3</th><th>> 3 ≤ 40</th></tr><tr><td>S235JRH</td><td>360 to 510</td><td>360 to 510</td></tr><tr><td>S275J0H/S275J2H</td><td>430 to 580</td><td>410 to 560</td></tr><tr><td>S355J0H/S355J2H</td><td>510 to 680</td><td>470 to 630</td></tr><tr><td>S460MH</td><td>530 to 720</td><td>530 to 720</td></tr></table>		Type & Quality	Nominal thickness (mm) ≤ 3	> 3 ≤ 40	S235JRH	360 to 510	360 to 510	S275J0H/S275J2H	430 to 580	410 to 560	S355J0H/S355J2H	510 to 680	470 to 630	S460MH	530 to 720	530 to 720	6.7.1 Table A.3 + B.5																	
Type & Quality	Nominal thickness (mm) ≤ 3	> 3 ≤ 40																																	
S235JRH	360 to 510	360 to 510																																	
S275J0H/S275J2H	430 to 580	410 to 560																																	
S355J0H/S355J2H	510 to 680	470 to 630																																	
S460MH	530 to 720	530 to 720																																	
Yield (mpa) (min)	<table><tr><th>Type & Quality</th><th>Nominal thickness (mm) ≤ 16</th><th>> 16 ≤ 40</th></tr><tr><td>S235JRH</td><td>235</td><td>225</td></tr><tr><td>S275J0H/S275J2H</td><td>275</td><td>265</td></tr><tr><td>S355J0H/S355J2H</td><td>355</td><td>345</td></tr><tr><td>S460MH</td><td>460</td><td>440</td></tr></table>		Type & Quality	Nominal thickness (mm) ≤ 16	> 16 ≤ 40	S235JRH	235	225	S275J0H/S275J2H	275	265	S355J0H/S355J2H	355	345	S460MH	460	440	6.7.1 Table A.3 + B.5																	
Type & Quality	Nominal thickness (mm) ≤ 16	> 16 ≤ 40																																	
S235JRH	235	225																																	
S275J0H/S275J2H	275	265																																	
S355J0H/S355J2H	355	345																																	
S460MH	460	440																																	
Impact Strength (J) (min)	<table><tr><th>Type & Quality</th><th colspan="3">Nominal thickness (mm)</th></tr><tr><td></td><th>≤ 40</th><th>40 to 49</th><th>≥ 50</th></tr><tr><td>S235JRH</td><td>-</td><td>-</td><td>27</td></tr><tr><td>S275J0H</td><td>-</td><td>27</td><td>-</td></tr><tr><td>S275J2H</td><td>27</td><td>-</td><td>-</td></tr><tr><td>S355J0H</td><td>-</td><td>27</td><td>-</td></tr><tr><td>S355J2H</td><td>27</td><td>-</td><td>-</td></tr><tr><td>S460MH</td><td>40</td><td>-</td><td>-</td></tr></table>		Type & Quality	Nominal thickness (mm)				≤ 40	40 to 49	≥ 50	S235JRH	-	-	27	S275J0H	-	27	-	S275J2H	27	-	-	S355J0H	-	27	-	S355J2H	27	-	-	S460MH	40	-	-	6.7.2 Table A.3 + B.5
Type & Quality	Nominal thickness (mm)																																		
	≤ 40	40 to 49	≥ 50																																
S235JRH	-	-	27																																
S275J0H	-	27	-																																
S275J2H	27	-	-																																
S355J0H	-	27	-																																
S355J2H	27	-	-																																
S460MH	40	-	-																																
Weldability (chemical Composition)	<table><tr><th>Type & Quality</th><th>CEV % Max Nominal thickness (mm) ≤ 40</th></tr><tr><td>S235JRH</td><td>0,35</td></tr><tr><td>S275J0H/S275J2H</td><td>0,40</td></tr><tr><td>S355J0H/S355J2H</td><td>0,45</td></tr><tr><td>S460MH</td><td>0,45</td></tr></table>		Type & Quality	CEV % Max Nominal thickness (mm) ≤ 40	S235JRH	0,35	S275J0H/S275J2H	0,40	S355J0H/S355J2H	0,45	S460MH	0,45	6.6.1 Table A.2 + B.3 and 6.8.1																						
Type & Quality	CEV % Max Nominal thickness (mm) ≤ 40																																		
S235JRH	0,35																																		
S275J0H/S275J2H	0,40																																		
S355J0H/S355J2H	0,45																																		
S460MH	0,45																																		
Durability	Optional (customer demand) : The products are suitable for galvanizing		6.8.2																																



Declaration of Performance

(According to regulation EU no 305/2011) Construction Products Regulation
Dop Nr. 005ENG

1. Product name

Non-alloy steel tubes suitable for welding and threading.
EN 10255:2004+A1:2007
S195T

2. Name of Manufacturer

Çayirova Boru Sanayi ve Ticaret A.Ş.
Osmanгази Mah. Aşiroğlu Cad. No:170
Darica / Kocaeli / TURKEY
www.cayirovaboru.com

3. Application

In installation for the transportation/distribution/storage of gas/fuel intended for the supply of Building heating/cooling systems from the external storage reservoir or the last pressure reduction unit of the boiler/heater/cooler system(s) of the building(s).

4. System for assessment and verification of constancy of performance

System 3

5. Notified body

STROJIRENSKY ZKUSEBNI USTAV s.p.
Notified Body Number: 1015
Certificate Number CPR-B-00677-19

6. The performance of product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation EU no 305/2011, under the sole responsibility of the manufacturer identified above.

Signed on behalf of ÇAYIROVA BORU SAN. ve TİC.A.Ş.
Kocaeli ; 04.01.2023

Quality Group Manager
Murat ORHAN

7-Indicated Performance		
Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class A1	EN 10255:2004+A1:2007
Mechanical Properties:		
Steel Name	S195T	8.7
Min. Yield Strength R_{eH} Mpa	195	
Tensile Strength R_m Mpa	320 - 520	8.2
Min. Elongation (A%)	20	
Weldability Values (%max)		
C	0,2	
Mn	1,4	8.2
P	0,035	
S	0,030	
Dimensional Tolerances	In accordance EN 10255:2004+A1:2007	8.4
Tightness (gas and liquid)	Tight	8.5
Durability	Durability is dependent on the Method of protection and/or the type and thickness of the coating.	7.4

Sample Label

ÇAYIROVA BORU SAN. ve TİC. A.Ş.	
Osmanгази Mah. Aşiroğlu Cad. No:170	
Darica / Kocaeli / TURKEY	
19	
CPR-B-00677-19	
Dop Nr. 005ENG	
TS EN 10255:2004+A1:2007	
Non-alloy steel tubes suitable for welding and threading. Distribution of aqueous liquids gas and fuel.	
Reaction to Fire	
Yield Strength	
Dimensions	
Leak Tightness	
Dangerous Substance	
Durability	

DE 2386

 TOSCELİK Profil ve Sac 2195-CPR-1710101 / TPE.DOP.004 E-30-00969-16 / TPE.DOP.009 0086 UK		MILL TEST CERTIFICATE - EN 10204/3.1	
GENERAL		CHEMICAL	
MECHANICAL		DEFINITIONS / TANIMLAR	
Barcode/Bar kod	NB00084651	Size/Ebat	1" X3.20
Length/Boy (mm)	6000	Cast No/Döküm No	2302274322
Product Norm/Üretim Normu	EN 10255/EN 10219	Steel Grade/Kalite	S195T/S235JRH
Producer/Üretici	Toscelik Profil ve Sac End. A.Ş.	Made In/Menşei	TÜRKİYE
Product Date/Üretim Tarihi	4.02.2023	Shipment Date / Sevki Tarihi	1.03.2023
Product Type/Ürün Tipi	BLACK PLAIN END PIPE	Pieces Per Bundle/Paket İçerisi	127
C %	0.0939	CR %	0.0231
SI %	0.0078	MO %	0.0038
S %	0.0137	NI %	0.0141
MN %	0.3921	CU %	0.0304
P %	0.0086	N %	0.003
AL %	0.0464	TI %	0.001
YS (N/mm²)	305	IE-1 (J)	
TS (N/mm²)	404	IE-2 (J)	
E %	31.0	IE-3 (J)	
HT (Bar)	50	IE-AV (J)	
HT Time	05	TT C°	
		NDE	
		BD	
		EX	
		FT	
		VDC	
		B	

Our Quality Certificates / Kalite Belgelerimiz

[Print & Save]

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

[Print & Save]

Our Quality Certificates / Kalite Belgelerimiz

 TOSÇELİK Profil ve Sac 2195-CPR-1710101 / TPE.DOP.004 E-30-00969-16 / TPE.DOP.009  		MILL TEST CERTIFICATE - EN 10204/3.1 NB00084651 1"X3.20 6000 2302274322 EN 10255/EN 10219 S195T/S235JRH Tosçelik Profil ve Sac End. A.Ş. TURKEY / TÜRKİYE 4.02.2023 1.03.2023 Product Type/Ürün Tipi BLACK PLAIN END PIPE 127		GENERAL Barcode/Barkod Size/Ebat Length/Boy (mm) Cast No/Döküm No Product Norm/Üretim Normu Steel Grade/Kalite Producer/Üretici Made In/Menşei Product Date/Üretim Tarihi Shipment Date / Sevki Tarihi Pieces Per Bundle/Paket İç Adet 127										CHEMICAL C % SI % S % MN % P % AL % YS (N/mm ²) TS (N/mm ²) E % HT (Bar) HT Time						MECHANICAL CR % MO % NI % CU % N % TI % IE-1 (J) IE-2 (J) IE-3 (J) IE-AV (J) TT C° V % SN % NB % CEIHW % CEPCM % VDC FT BD EX NDE B					
DEFINITIONS / TANIMLAR :Good/İyi :Yield Strength/Akma Muk. :Tensile Strength/Çekme Muk. :Elongation/Uzama(%) :Non Destructive Examination/Tahratsız Test :Bevelled/Havsalı :Visual&Dimensional Check/Görsel Kontrol :Expanding/Genişleme :Hydrostatic Test /Hidrostatik Test(Bar) :Impact Energy/Darbe Enerjisi(Joule) :Test Temp.for Impact Testing /Test Sıcaklığı(°C) :Hydrostatic Test Time (Sec)/Hidrostatik Test Süresi (Sn) :Flattening/Yassılma :Bending/Bükme																									

DE 2386