

CUSTOMER
ORDER
CERTIFICATE NO
DATE
PAGE
COMMODITY
SPECIFICATION

FFPC SANTARM SRL
237790
000007618
05.09.2023
1
ERW STEEL TUBES
EN10255M S195T /

Heat Number	Hydrostatic Test Pressure&Duration	MECHANICAL PROPERTIES							CHEMICAL COMPOSITION																			Carbon Equivalent										
		Shape	Test Temp °C	Orientation	Type	Size	Location	Tensile Strength	Yield Strength	El	Heat Analysis %										Product Analysis %									Pcm	Max. Accept. Value							
											C	Si	Mn	P	S	Ti	Cu	Ni	Cr	Mo	V	Nb	N	Al	C	Si	Mn	P	S			Ti	Cu	Ni	Cr	Mo	V	Nb
3103426	50	C	**	L	****	****	****	418	320	28																					0.060	0.028	0.301	0.016	0.004	****	0.12	0.35
	50	C	**	L	****	****	****	435	347	28																					0.057	0.030	0.300	0.015	0.004	****	0.12	0.35

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.

Water well casing usage is not acceptable.

Orientation = L (longitudinal), Q (transverse) / Shape = C (cylindric), P (prismatic) / Location = 90 against weld seam / Yield Strength= Rp0.2

Let's go with the following code:

This certificate is prepared in electronic data system and having validity without signature in accordance with item 5 of EN 10204 standard.
the Construction Products Regulation (CPR) (EU) No 305/2011 By SZUTEST

MDT test are performed according to EN ISO 10893-11 U3/U3H (UT), EN ISO 10893-2 E3/E3H (ET).

FR.KAL.15.02 / Rev 1.0 / 07.06.2019

MILL TEST CERTIFICATE

ACC.EN 10204 / 3.1

CUSTOMER	:	FPC SANTARM SRL
ORDER	:	237790
CERTIFICATE NO	:	0000007618
DATE	:	26.07.2023
PAGE	:	1
COMMODITY	:	ERW STEEL TUBES
SPECIFICATION	:	EN10255M S195T /EN10240 A2 6 m. GPE

[illegible][illegible]

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.

Water well casing usage is not acceptable.
Orientation = L (longitudinal), Q (transverse) / Shape = C (cylindric), P (prismatic) / Location = 90 against weld seam / Yield Strength= Rp0.2
CEV = $C + (Mn/6) + ((Cr+V+Mo)/5) + ((Ni+Cu)/15)$

CE This certificate is prepared in electronic data system and having validity without signature in accordance with item 5 of EN 10204 standard.
The Construction Products Regulation (CPR) (EU) No 305/2011 By SZUTEST

NDT test are performed according to EN ISO 10893-11 U3/U3H (UT), EN ISO 10893-2 E3/E3H (ET).

Ayşe Çakır
Laboratory Technician

MILL TEST CERTIFICATE

ACC.EN 10204 / 3.1

CUSTOMER	:	FPC SANTARM SRL
ORDER	:	237790
CERTIFICATE NO	:	0000007618
DATE	:	05.09.2023
PAGE	:	1
COMMODITY	:	ERW STEEL TUBES
SPECIFICATION	:	EN10255M S19ST /EN10240 A2 6 m. GPE

[illegible][illegible]

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.

Water well casing usage is not acceptable.

Orientation = L (longitudinal) , Q (transverse) / Shape = C (cylindric) , P (prismatic) / Location = 90 against weld seam / Yield Strength= Rp0.2

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

This certificate is prepared in electronic data system and having validity without signature in accordance with item 5 of EN 10204 standard.

The Construction Products Regulation (CPR) (EU) No 305/2011 By SZUTEST

NDT test are performed according to EN ISO 10893-11 U3/U3H (UT), EN ISO 10893-2 E3/E3H (ET).

Ayşe Çakır
Laboratory Technician

[illegible][illegible]

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.

Water well casing usage is not acceptable.	Ayşe Çakır
Orientation = L (longitudinal) , Q (transverse) / Shape = C (cylindric) , P (prismatic) / Yield Strength= Rp0.2	Laboratory Technician
CEV =C+(Mn/5)+((Cr+V+Mo)/5)+((Ni+Cu)/15)	

This certificate is prepared in electronic data system and having validity without signature in accordance with item 5 of EN 10204 standard.

NDT test are performed according to EN ISO 10893-11 U3/U3H (UT), EN ISO 10893-2 E3/E3H (ET).

● ÇAYIROVA boru

BERKEZ: Rihim Caddesi No:44 Kadıköy - İSTANBUL
ABRİKA:Osmanlı Mah. Aygülu Cad. No:170 Darica-KOCAELİ
Web Adresi: www.cayirovaloru.com
tel : (0216) 418 10 00/10 Faks :338 26 70
tel : (0262) 653 61 30 (5 Hat)
fax : (0262) 653 61 35 - 653 61 36

MILL TEST CERTIFICATE
ACC.EN 10204 / 3.1

FPC SANTARM SRL
230390
000007214
27.02.2023
1
ERW STEEL TUBES
EN10217-1 P235T

[illegible]

Heat Number	Hydrostatic Test Pressure & Duration	MECHANICAL PROPERTIES										CHEMICAL COMPOSITION																				Carbon Equivalent							
		S	Test Temp °C	Orientation	Type	Size	Location	Strength Yield	Strength Tensile	EL	Heat Analysis %										Product Analysis %																		
											C	Si	Mn	P	S	Ti	Cu	Ni	Cr	Mo	V	Nb	N	Al	C	Si	Mn	P	S	Ti	Cu		Ni	Cr	Mo	V	Nb	N	Al
BARR																																Pcm	Max. Accept. Value						
70	5	P	RT	L	****	****	****	452	387	32																					0.16			0.35					
22306627	70	P	RT	L	****	****	****	386	345	30																					0.10			0.35					
22117312	70	S	P	RT	L	****	****	386	345	30																					0.10	0.35							
22117312	70	S	P	RT	L	****	****	386	345	30																					0.10	0.35							
22117312	70	S	P	RT	L	****	****	384	297	36																					0.16	0.35							
2225759	70	S	P	RT	L	****	****	384	297	36																					0.16	0.35							

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.

After well casing usage is not acceptable

$$\text{orientation} = |(\text{longitudinal}) / \text{shape} - C(\text{transverse}) / \text{shape} - C(\text{cylindric})| \text{ P (prismatic) } / \text{Yield Strength} \approx \text{RoQ. 2}$$

orientation = L (longitudinal), A (transverse) / shape = C (cylindrical), P (prismatic) / transverse angle = 0°

$$EV = C + (Mh/6) + ((C+V+M6)/5) + ((NI+U)/15)$$

NDT test are performed according to EN ISO 10893-11 U3/U3H (UT), EN ISO 10893-2 E3/E3H (ET).

FR 1011 45 03 / B-... 4 0 / 07 00 3040





YÜCEL BORU

CENTER: Pıhtım cad. No:44 Kadıköy, İSTANBUL / TÜRKİYE
T: +90 216 418 10 00
GEBZE FACTORY: Barış mah. Koşuyolu cad. No: 12 Gebze, KOCAELİ / TÜRKİYE
T: +90 262 648 68 00
Web Adresi: www.yucelboru.com.tr

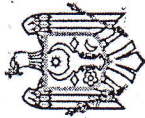
MILL'S TEST CERTIFICATE
(ACC. TO EN 10204 / 3.1)
Yücel Boru ve Profil Endüstrisi A.Ş.

CE
2195

Customer	FPC SANTARM SRL	Order/PO	2312180	Date	01.11.2023
Sending	KARAYOLU	Report	01721756	Page	1/1
INSPECTION AND TEST RESULTS					

MECHANICAL PROPERTIES / CHEMICAL ANALYSIS

Size x Thickness (mm)	Length (m)	Bundle Ref.No.	PCS	Meter (m)	Weight (Kg)	Product	Quality	Tensile Strength(N/mm2)	Yield Strength(N/mm2)	Elong (%)	IMPACT ENERGY (Joule)										Heat Number	Dimension Control/Standard													
											TEMP (°C)	1	2	3	AVG	C	Si	Mn	P	S			Ni	Cr	Mo	V	Cu	Al	Ti	Nb	N	B	Ceq	NDT Type	
76.1x3	6	8023036072	37	222.0	1.105	CHS	S235JRH	417	345	28	-	-	-	-	-	0.145	0.028	0.331	0.012	0.006	0.006	0.022	0.003	0.002	0.008	0.027	0.001	0.001	0.003	0.001	0.020	OK	HR	D23606463	EN 10217-1:2006
76.1x3	6	8023036073	37	222.0	1.105	CHS	S235JRH	417	345	28	-	-	-	-	-	0.145	0.028	0.331	0.012	0.006	0.006	0.022	0.003	0.002	0.008	0.027	0.001	0.001	0.003	0.001	0.020	OK	HR	D23606463	EN 10217-1:2006
76.1x3	6	8023036074	37	222.0	1.110	CHS	S235JRH	417	345	28	-	-	-	-	-	0.145	0.028	0.331	0.012	0.006	0.006	0.022	0.003	0.002	0.008	0.027	0.001	0.001	0.003	0.001	0.020	OK	HR	D23606463	EN 10217-1:2006



Digitally signed by Simov Igor
Date: 2023.12.26 10:30:51 EET
Reason: MoldSign Signature
Location: Moldova

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.
This certificate is prepared in electronic data system and having validity without signature in accordance with item 5 of EN 10204 standard.

Laboratory Technician
Haydar Kara

Quality Chief
Aykut Ovackikhoğlu

OP4.F16 / 19.10.2020

MILL TEST CERTIFICATE

ACC.EN 10204 / 3.1

CUSTOMER	FPC SANTARM SRL
ORDER	230390
CERTIFICATE NO	0000007214
DATE	18.02.2023
PAGE	2
COMMODITY	ERW STEEL TUBES
SPECIFICATION	EN10217-1 P235TR

[illegible]

Heat Number	MECHANICAL PROPERTIES										CHEMICAL COMPOSITION																				Carbon Equivalent	
											Heat Analysis %										Product Analysis %											
	Hydrostatic Test Pressure&Duration		Shape		Test Temp °C		Orientation	Type	Size	Location	Tensile		Yield	EL	C	Si	Mn	P	S	Ti	Cu	Ni	Cr	Mo	V	Nb	N	Al	Pcm	IIV - CEV	Max. Accept. Value	
			Length	Strength	N/mm²	%					C	Si			Mn	P	S	Ti	Cu	Ni	Cr	Mo	V	Nb	N	Al						
	BAR	s	P	RT	L	***	***	***	***	***	***	382	287	27																		
028448	70	5	P	RT	L	***	***	***	***	***	***	380	274	41																		
227461	70	5	P	RT	L	***	***	***	***	***	***	380	274	41																		

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.

water well casing usage is not acceptable.

orientation = L (longitudinal), Q (transverse) / Shape = C (cylindric), P (prismatic) / Yield Strength = Rp0.2

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

This certificate is prepared in electronic data system and having validity without signature in accordance with item 5 of EN 10204 standard.

This certificate is prepared in electronic data system and having valid
The Construction Products Regulation (CPR) (EU) No 305/2011 by S2UTEST

NDT test are performed according to EN ISO 10893-11 U3/U3H (UT). EN ISO 10893-2 E3/E3H (ET).

FR.KAL.15.02 / Rev 1.0 / 07.06.2019





СЕРТИФИКАТ ИСПЫТАНИЙ № 2-749 ОТ 24.02.2023
INSPECTION CERTIFICATE
(EN 10204-3.1)



Производитель: Producer:	Контакт № Contract	№ 11-299-23	Дата Date	12.12.2022
ООО "ДМЗ КОМИНМЕТ" LLC "DMZ KOMINMET" 7, Yakhnenkovskaya str. 49023 Dnepr, Ukraine				
Потребитель, адрес, страна: Consumer, address, country:	Дополнение к контракту: Addendum to the contract			
SANTARM S.R.L. FPC Республика Молдова, MD-2023, г.Кишинев, ул.Узинелор, 78.				
Дата отгрузки Ship Date	24.02	2023		
Машина № Carriage	AP2945CE	Заказ № Order	000001513	Дата Date

Наименование товара и состояние пост Description of goods and delivery condition	трубы стальные сварные steel welded tube	Стандарт Standard	DIN EN 10219-1
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Маркировка/Marking; Содержание маркировки/Contents of the marking;
Знак изготовителя труб/Pipe manufacturer label; Номер стандарта/Standard number; Марка стали/Grade; Номер плавки/партии /Heat/Lot number; Знак ответственного за приемку/Mark of the responsible for acceptance person; Наружный диаметр трубы/Outer pipe diameter; Толщина стенки/Wall thickness; Общий вес/Total weight; Длина/Length; Количество/Quantity

Размер (Dimension)	Номера пакетов
Дн 108	264126 264128 264129 264130 264131 264132 264133 264134 264135
Дн 133	264136 263730 263731

№	Номера партий Lot number	Номера плавки Heat number	Марка стали Grade	Размеры, мм Dimension, mm		Количество товара, шт. Quantity of goods, pcs	Метраж, м Length, m	Теоретическая масса, кг Theoretic mass, kg
				Наружный диаметр Outer diameter	Толщина стенки Wall thickness			
1	760	311597	S235JRH	133	4,00	48	288,00	3,135
2	833	111049	S235JRH	108	3,00	440	2 640,00	19,125

Номер плавки/ Номер партии Heat number/ Lot number	Химический состав, % Chemical composition, %									
	C	Si	Mn	S	P	Cr	Ni	Cu	Al	CFV
760 / 311597	0,08	0,02	0,18	0,008	0,008	0,04	0,02	0,02	0,002	0,004
833 / 111049	0,08	0,01	0,18	0,008	0,011	0,04	0,02	0,03	0,002	0,004



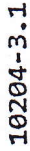


CE marking applies to those produced in accordance with EN 10219
CE marklaması EN 10219 kapsamında üretilen ürünler için gereklidir

CHS: Sanayi Borusu / Industrial Pipe
 GSC: Galvanizli Konstruksiyon Borusu / Galvanised Construction Pipe
 PGS: Pre-Galvanised
 R: Dikdörtgen Kütü Profil/ Rectangular Hollow Section
 S: Kare Kütü Profil / Square Hollow Section
 ONAY / APPROVED BY
 Kalite Kontrol Şefi/QC Manager

[illegible]

ONAY / APPROVED BY
Kalite Kontrol Şefi/QC Manager



: EN 10704-3,1



of information appears to have been produced in accordance with EN 10217.

2737-CPR-19-IS-0078-TAT-0088

FROM THE

[illegible]

OKAY / APPROVED BY
Kalite Kontrol Şefi/QC Manager

G : 1yl / Good
YS : Akasa Muk./Yield Strength (N/mm²)
TS : Celasa Muk./Tensile Strength (N/mm²)
E : Uzama/Elongation (%)
IE : Darbe Enerjisi/Impact Energy



TEST SERTİFİKASI

MILL TEST CERTIFICATEEN 10204-3.1

SERTİFİKA NO / CERTIFICATE NO : 20240209-001

SAYFA / PAGE NO : 1

SEVK TARİH / DATE OF DISPATCH

SERTİFİKA TARİH / CERT.DATE

25.8.2022

SERTİFİKA NORMU / CERT.NORM

: EN 10204-3.1



2737-CPR-19-15-0078-TAT-0008

CE marking applies to those produced in accordance with EN 10217
CE marklaması EN 10217 kapsamında üretilen ürünler için gereklidir

MÜŞTERİ ADI & ADRESİ

NAME & ADDRESS OF THE CUSTOMER

ÖZBEYLER METAL

DESCRIPTION OF GOODS:

ETİKET BİLGİSİ / INFORMATION

ÜRÜN TİPİ

ORT. NORM.

ÜRÜN TİPİ

TYPE

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KİMYASAL ANALİZ / CHEMICAL ANALYSIS

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MEKANİK ÖZELLİKLER / MECHANICAL PROPERTIES

AKVA

TS (N/mm²)

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ÇEKME

TS (N/mm²)

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422