

## MILL TEST CERTIFICATE

NAME & ADDRESS OF THE CUSTOMER:  
 SUNBELT GROUP L.P.  
 1990 POST OAK BLVD. SUITE 950 HOUSTON,  
 TX 77056 USA  
 1 713-840-055

DESCRIPTION OF GOODS:  
 ERW STEEL PIPE

Certificate No : 1000265581  
 Page No : 9 / 32  
 Certificate Date : 26.08.2022  
 Inspection Certificate: EN 10204-3.1  
 Sales Document : 10553524  
 Shipment Number : 1000031623  
 Vessel Name : MV ANTARCTIC OCEAN

Tag Information						Chemical Analysis								Product Information		Mechanical Properties				Other Specifications						
ITEM	TYPE	SIZE	PACK NO	CAST NO	LOT NO	C %	MN %	P %	S %	CU %	NI %	CR %	MO %	V %	PRODUCT NORM	STEEL GRADE	YS psi	TS psi	E %	HT psi	VDC	B	FT	BD	EX	NDT
201	BPEC	4"X0,237"X21'	MA03098370	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
202	BPEC	4"X0,237"X21'	MA03098371	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
203	BPEC	4"X0,237"X21'	MA03098372	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
204	BPEC	4"X0,237"X21'	MA03098386	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
205	BPEC	4"X0,237"X21'	MA03098387	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
206	BPEC	4"X0,237"X21'	MA03098388	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
207	BPEC	4"X0,237"X21'	MA03098389	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
208	BPEC	4"X0,237"X21'	MA03098402	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
209	BPEC	4"X0,237"X21'	MA03098403	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
210	BPEC	4"X0,237"X21'	MA03098404	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
211	BPEC	4"X0,237"X21'	MA03098405	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
212	BPEC	4"X0,237"X21'	MA03098406	2205471	25.505	0.1288	0.5205	0.0076	0.0069	0.2591	0.0913	0.0665	0.0236	0.0010	ASTM A53/ASME SA53	B	51053	70343	35,8	2210	G	G	G	G	G	G
213	BPEC	4"X0,237"X21'	MA03098407	2205471	25.505	0.1288	0.5205	0.0076	0.0069	0.2591	0.0913	0.0665	0.0236	0.0010	ASTM A53/ASME SA53	B	51053	70343	35,8	2210	G	G	G	G	G	G
214	BPEC	4"X0,237"X21'	MA03098408	2205471	25.505	0.1288	0.5205	0.0076	0.0069	0.2591	0.0913	0.0665	0.0236	0.0010	ASTM A53/ASME SA53	B	51053	70343	35,8	2210	G	G	G	G	G	G
215	BPEC	4"X0,237"X21'	MA03098420	2205471	25.505	0.1288	0.5205	0.0076	0.0069	0.2591	0.0913	0.0665	0.0236	0.0010	ASTM A53/ASME SA53	B	51053	70343	35,8	2210	G	G	G	G	G	G
216	BPEC	4"X0,237"X21'	MA03098421	2205471	25.505	0.1288	0.5205	0.0076	0.0069	0.2591	0.0913	0.0665	0.0236	0.0010	ASTM A53/ASME SA53	B	51053	70343	35,8	2210	G	G	G	G	G	G
217	BPEC	4"X0,237"X21'	MA03098422	2205471	25.505	0.1288	0.5205	0.0076	0.0069	0.2591	0.0913	0.0665	0.0236	0.0010	ASTM A53/ASME SA53	B	51053	70343	35,8	2210	G	G	G	G	G	G
218	BPEC	4"X0,237"X21'	MA03098424	2205471	25.505	0.1288	0.5205	0.0076	0.0069	0.2591	0.0913	0.0665	0.0236	0.0010	ASTM A53/ASME SA53	B	51053	70343	35,8	2210	G	G	G	G	G	G
219	BPEC	4"X0,237"X21'	MA03098425	2205471	25.505	0.1288	0.5205	0.0076	0.0069	0.2591	0.0913	0.0665	0.0236	0.0010	ASTM A53/ASME SA53	B	51053	70343	35,8	2210	G	G	G	G	G	G
220	BPEC	4"X0,237"X21'	MA03098426	2205471	25.505	0.1288	0.5205	0.0076	0.0069	0.2591	0.0913	0.0665	0.0236	0.0010	ASTM A53/ASME SA53	B	51053	70343	35,8	2210	G	G	G	G	G	G
221	BPEC	4"X0,237"X21'	MA03098434	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
222	BPEC	4"X0,237"X21'	MA03098435	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
223	BPEC	4"X0,237"X21'	MA03098436	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
224	BPEC	4"X0,237"X21'	MA03098437	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G
225	BPEC	4"X0,237"X21'	MA03098438	2205476	25.505	0.1280	0.5145	0.0124	0.0108	0.2051	0.1144	0.0899	0.0232	0.0010	ASTM A53/ASME SA53	B	51634	70198	37,4	2210	G	G	G	G	G	G

YS : Yield Strength ( psi )  
 TS : Tensile Strength ( psi )  
 E : Elongation (%)  
 HT : Hydrostatic Test ( psi )  
 HT TIME : Hydrostatic Second  
 NDT : Non Destructive Examination  
 VDC : Dimensional Check  
 EX : Expanding  
 FT : Flattening  
 BD : Bending  
 B : Bevelend  
 G : Good

BPEC : COATED BLACK PLAIN END  
 BTCC : PPI COA BLACK THRE&COUP PIPE

**APPROVED BY**  
 ERW Plants Quality Manager  
 Bülent SÖNMEZ  
 bulent.sonmez@toscelik.com.tr



**TOSÇELİK Profil ve Sac**  
 Tosçelik Profil ve Sac Endüstri A.Ş.  
 Organize Sanayi Bölgesi:  
 80950 TOPRAK KALE/OSMANİYE TÜRKİYE  
 T +90 (328) 826 80 80 F +90 (328) 826 85 88  
 Asım Gundüz V.D 086 001 3021

These results are certified by TOSÇELİK PROFİL SAC VE END. A.S. and compl with the requirements of the product description.  
 The material contains no mercury and the lead content is less than 0.01% (0.0001) .  
 The material to which this MTR refers was manufactured in Turkey.  
 Heat treatment has applied all GRB sizes which starts from 2".