

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 : 1000265591
Page No : 15 / 23
Certificate Date : 26.08.2022
Inspection Certificate: EN 10204-3.1
Sales Document : 10553524
Shipment Number : 10000031624
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
351	BPEC	6"X0,432"X21'	MB05822053	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
352	BPEC	6"X0,432"X21'	MB05822054	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
353	BPEC	6"X0,432"X21'	MB05822055	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
354	BPEC	6"X0,432"X21'	MB05822056	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
355	BPEC	6"X0,432"X21'	MB05822057	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
356	BPEC	6"X0,432"X21'	MB05822072	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
357	BPEC	6"X0,432"X21'	MB05822074	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
358	BPEC	6"X0,432"X21'	MB05822076	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
359	BPEC	6"X0,432"X21'	MB05822077	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
360	BPEC	6"X0,432"X21'	MB05822118	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
361	BPEC	6"X0,432"X42'	MB05822240	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
362	BPEC	6"X0,432"X42'	MB05822261	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
363	BPEC	6"X0,432"X42'	MB05822262	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
364	BPEC	6"X0,432"X42'	MB05822263	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
365	BPEC	6"X0,432"X42'	MB05822264	2206393	25.506	0.1056	0.5175	0.0093	0.0082	0.2161	0.0422	0.0419	0.0192	0.0010	ASTM A53/ASME SA53	B	46847	68603	36,3	2740	G	G	G	G	G	G
366	BPEC	6"X0,432"X42'	MB05822456	2206466	25.506	0.1040	0.5641	0.0094	0.0162	0.3005	0.0825	0.0567	0.0174	0.0016	ASTM A53/ASME SA53	B	46412	69763	38,2	2740	G	G	G	G	G	G
367	BPEC	6"X0,432"X42'	MB05822457	2206466	25.506	0.1040	0.5641	0.0094	0.0162	0.3005	0.0825	0.0567	0.0174	0.0016	ASTM A53/ASME SA53	B	46412	69763	38,2	2740	G	G	G	G	G	G
368	BPEC	6"X0,432"X42'	MB05822523	2206466	25.506	0.1040	0.5641	0.0094	0.0162	0.3005	0.0825	0.0567	0.0174	0.0016	ASTM A53/ASME SA53	B	46412	69763	38,2	2740	G	G	G	G	G	G
369	BPEC	6"X0,432"X42'	MB05822524	2206466	25.506	0.1040	0.5641	0.0094	0.0162	0.3005	0.0825	0.0567	0.0174	0.0016	ASTM A53/ASME SA53	B	46412	69763	38,2	2740	G	G	G	G	G	G
370	BPEC	6"X0,432"X42'	MB05822525	2206466	25.506	0.1040	0.5641	0.0094	0.0162	0.3005	0.0825	0.0567	0.0174	0.0016	ASTM A53/ASME SA53	B	46412	69763	38,2	2740	G	G	G	G	G	G
371	BPEC	6"X0,432"X42'	MB05822526	2206466	25.506	0.1040	0.5641	0.0094	0.0162	0.3005	0.0825	0.0567	0.0174	0.0016	ASTM A53/ASME SA53	B	46412	69763	38,2	2740	G	G	G	G	G	G
372	BPEC	6"X0,432"X42'	MB05822529	2206395	25.506	0.1362	0.5480	0.0096	0.0108	0.2065	0.0625	0.0623	0.0178	0.0017	ASTM A53/ASME SA53	B	48733	70343	34,9	2740	G	G	G	G	G	G
373	BPEC	6"X0,432"X42'	MB05822530	2206395	25.506	0.1362	0.5480	0.0096	0.0108	0.2065	0.0625	0.0623	0.0178	0.0017	ASTM A53/ASME SA53	B	48733	70343	34,9	2740	G	G	G	G	G	G
374	BPEC	6"X0,432"X42'	MB05822541	2206395	25.506	0.1362	0.5480	0.0096	0.0108	0.2065	0.0625	0.0623	0.0178	0.0017	ASTM A53/ASME SA53	B	48733	70343	34,9	2740	G	G	G	G	G	G
375	BPEC	8"X0,188"X21'	MB05895738	2204850	25.506	0.1128	0.5391	0.0101	0.0071	0.3093	0.1351	0.1297	0.0304	0.0021	ASTM A53/ASME SA53	B	49893	69473	36,7	1200	G	G	G	G	G	G

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

BPEC : PRIMER COATED GROOVED BLACK PLAIN END PIPE
BPEC : COATED BLACK PLAIN END

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
40350 TOPRAKALE/OSMANİYE TÜRKİYE
T : +90 (326) 626 60 80 F : +90 (326) 626 65 88
Asım Gündüz Yolu : 065 001 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".