

MILL TEST CERTIFICATE



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Certificate No : 1000265581
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Certificate Date : 26.08.2022
Inspection Certificate : EN 10204-3.1
Sales Document : 10553524
Shipment Number : 10000031623
Vessel Name : MV ANTARCTIC OCEAN

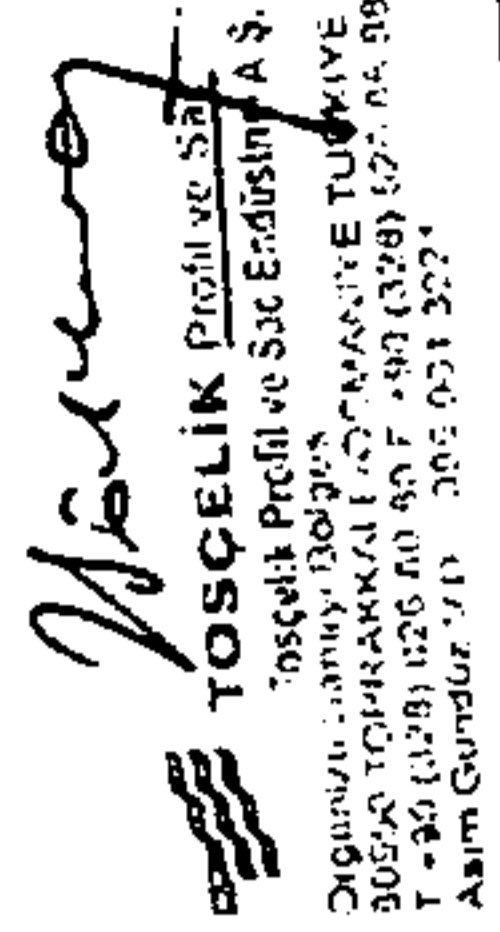
DESCRIPTION OF GOODS:
ERW STEEL PIPE

ITEM	TYPE	SIZE	PACK NO	CAST NO	LOT NO	Chemical Analysis											Product Information				Mechanical Properties				Other Specifications			
						C %	MN %	P %	S %	CU %	NI %	CR %	MO %	V %	PRODUCT NORM	STEEL GRADE	YS psi	TS psi	E %	HT psi	VDC	B	F	BD	EX	NDT		
426	BPEC	6"X0,280"X21"	MA03105669	2206471	25.505	0.0681	0.5637	0.0054	0.0137	0.2586	0.0714	0.0531	0.0190	0.0015	ASTM A53/ASME SA53	B	48153	70053	33,8	1780	G	G	G	G				
427	BPEC	6"X0,280"X21"	MA03105670	2206471	25.505	0.0681	0.5637	0.0054	0.0137	0.2586	0.0714	0.0531	0.0190	0.0015	ASTM A53/ASME SA53	B	48153	70053	33,8	1780	G	G	G	G				
428	BPEC	6"X0,280"X21"	MA03105681	2206471	25.505	0.0681	0.5637	0.0054	0.0137	0.2586	0.0714	0.0531	0.0190	0.0015	ASTM A53/ASME SA53	B	48153	70053	33,8	1780	G	G	G	G				
429	BPEC	6"X0,280"X21"	MA03105682	2206471	25.505	0.0681	0.5637	0.0054	0.0137	0.2586	0.0714	0.0531	0.0190	0.0015	ASTM A53/ASME SA53	B	48153	70053	33,8	1780	G	G	G	G				
430	BPEC	6"X0,280"X21"	MA03105683	2206471	25.505	0.0681	0.5637	0.0054	0.0137	0.2586	0.0714	0.0531	0.0190	0.0015	ASTM A53/ASME SA53	B	48153	70053	33,8	1780	G	G	G	G				
431	BPEC	6"X0,280"X21"	MA03105684	2206471	25.505	0.0681	0.5637	0.0054	0.0137	0.2586	0.0714	0.0531	0.0190	0.0015	ASTM A53/ASME SA53	B	48153	70053	33,8	1780	G	G	G	G				
432	BPEC	6"X0,280"X21"	MA03105685	2206471	25.505	0.0681	0.5637	0.0054	0.0137	0.2586	0.0714	0.0531	0.0190	0.0015	ASTM A53/ASME SA53	B	48153	70053	33,8	1780	G	G	G	G				
433	BPEC	6"X0,280"X21"	MA03105686	2206471	25.505	0.0681	0.5637	0.0054	0.0137	0.2586	0.0714	0.0531	0.0190	0.0015	ASTM A53/ASME SA53	B	48153	70053	33,8	1780	G	G	G	G				
434	BPEC	6"X0,280"X21"	MA03105687	2206471	25.505	0.0681	0.5637	0.0054	0.0137	0.2586	0.0714	0.0531	0.0190	0.0015	ASTM A53/ASME SA53	B	48153	70053	33,8	1780	G	G	G	G				
435	BPEC	6"X0,280"X21"	MA03105688	2206471	25.505	0.0681	0.5637	0.0054	0.0137	0.2586	0.0714	0.0531	0.0190	0.0015	ASTM A53/ASME SA53	B	48153	70053	33,8	1780	G	G	G	G				
436	BPEC	6"X0,280"X21"	MA03105689	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
437	BPEC	6"X0,280"X21"	MA03105690	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
438	BPEC	6"X0,280"X21"	MA03105711	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
439	BPEC	6"X0,280"X21"	MA03105712	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
440	BPEC	6"X0,280"X21"	MA03105713	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
441	BPEC	6"X0,280"X21"	MA03105714	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
442	BPEC	6"X0,280"X21"	MA03105715	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
443	BPEC	6"X0,280"X21"	MA03105716	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
444	BPEC	6"X0,280"X21"	MA03105717	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
445	BPEC	6"X0,280"X21"	MA03105718	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
446	BPEC	6"X0,280"X21"	MA03105719	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
447	BPEC	6"X0,280"X21"	MA03105720	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
448	BPEC	6"X0,280"X21"	MA03105721	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
449	BPEC	6"X0,280"X21"	MA03105722	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				
450	BPEC	6"X0,280"X21"	MA03105723	2206565	25.505	0.0705	0.5317	0.0054	0.0104	0.2689	0.0702	0.0655	0.0158	0.0013	ASTM A53/ASME SA53	B	48313	70198	35,3	1780	G	G	G	G				

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

BPEC : COATED BLACK PLAIN END
BPEC : PR COA BLACK THREACROUP PIPE

APPROVED BY
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These results are certified by TOSÇELİK PROFİL SAC VE END. A.S. and compli 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".

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