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MILL TEST CERTIFICATE

Certificate No : 1000260264
 Page No : 1 / 4
 Certificate Date : 7.11.2022
 Inspection Certificate : EN 10204-3.1
 Sales Document : 10564839
 Shipment Number : 1000032270
 Vessel Name : MV LORD MOUNTBATTEN

DESCRIPTION OF GOODS:
 ERW STEEL PIPE

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
1	BPEC	1/2"x0,109"x2'1"	MB050665872	2215260054	25.586	0.0871	0.4462	0.0074	0.0149	0.0372	0.0140	0.0260	0.0038	0.0018	ASTM A53	A	37419	54244	40,6	1200	G	G	G	G	G	G
2	BPEC	1/2"x0,109"x2'1"	MB05066524	2215260054	25.586	0.0871	0.4462	0.0074	0.0149	0.0372	0.0140	0.0260	0.0038	0.0018	ASTM A53	A	37419	54244	40,6	1200	G	G	G	G	G	G
3	BPEC	1/2"x0,109"x2'1"	MB05745224	2218213884	25.586	0.0991	0.4180	0.0089	0.0079	0.0121	0.0374	0.0213	0.0041	0.0018	ASTM A53	A	35580	55839	39,1	1200	G	G	G	G	G	G
4	BPEC	1 1/4"x0,140"x2'1"	MB05051509	222111883	25.586	0.0859	0.4443	0.0071	0.0087	0.0129	0.0010	0.0162	0.0027	0.0010	ASTM A53	A	41335	59610	40,9	1200	G	G	G	G	G	G
5	BPEC	1 1/4"x0,140"x2'1"	MB05051591	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
6	BPEC	1 1/4"x0,140"x2'1"	MB05051502	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
7	BPEC	1 1/4"x0,140"x2'1"	MB05051518	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
8	BPEC	1 1/4"x0,140"x2'1"	MB05051816	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
9	BPEC	1 1/4"x0,140"x2'1"	MB05051817	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
10	BPEC	1 1/4"x0,140"x2'1"	MB05051818	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
11	BPEC	1 1/4"x0,140"x2'1"	MB05051819	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
12	BPEC	1 1/4"x0,140"x2'1"	MB05051737	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
13	BPEC	1 1/4"x0,140"x2'1"	MB05051821	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
14	BPEC	1 1/4"x0,140"x2'1"	MB05051814	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
15	BPEC	1 1/4"x0,140"x2'1"	MB05051816	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
16	BPEC	1 1/4"x0,140"x2'1"	MB05051818	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
17	BPEC	1 1/4"x0,140"x2'1"	MB05051821	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
18	BPEC	1 1/4"x0,140"x2'1"	MB05051825	222111883	25.586	0.0984	0.4560	0.0136	0.0092	0.0240	0.0027	0.0432	0.0029	0.0014	ASTM A53	A	39015	58015	41,9	1200	G	G	G	G	G	G
19	BPEC	1 1/4"x0,140"x2'1"	MB05055575	2223123636	25.586	0.1135	0.4486	0.0080	0.0082	0.0120	0.0084	0.0234	0.0021	0.0232	ASTM A53	A	43511	59485	39,2	1200	G	G	G	G	G	G
20	BPEC	1 1/4"x0,140"x2'1"	MB05063630	222111884	25.586	0.1018	0.4893	0.0079	0.0026	0.0155	0.0010	0.0229	0.0028	0.0010	ASTM A53	A	43948	61841	42,0	1200	G	G	G	G	G	G
21	BPEC	1 1/4"x0,140"x2'1"	MB05970592	2205177	25.586	0.0774	0.2929	0.0113	0.0139	0.3785	0.1605	0.1072	0.0270	0.0020	ASTM A53	A	40030	55984	42,3	1200	G	G	G	G	G	G
22	BPEC	1 1/2"x0,145"x2'1"	MB05055419	2227268055	25.586	0.0996	0.4277	0.0082	0.0141	0.0336	0.0394	0.0315	0.0049	0.0079	ASTM A53	A	40030	55984	42,3	1200	G	G	G	G	G	G
23	BPEC	1 1/2"x0,145"x2'1"	MB05055420	2227268055	25.586	0.0996	0.4277	0.0082	0.0141	0.0336	0.0394	0.0315	0.0049	0.0079	ASTM A53	A	40030	55984	42,3	1200	G	G	G	G	G	G
24	BPEC	1 1/2"x0,145"x2'1"	MB05055433	2227268055	25.586	0.0996	0.4277	0.0082	0.0141	0.0336	0.0394	0.0315	0.0049	0.0079	ASTM A53	A	40030	55984	42,3	1200	G	G	G	G	G	G
25	BPEC	1 1/2"x0,145"x2'1"	MB05055434	2227268055	25.586	0.0996	0.4277	0.0082	0.0141	0.0336	0.0394	0.0315	0.0049	0.0079	ASTM A53	A	40030	55984	42,3	1200	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 : Beveling
 G : Good

BPEC : COATED BLACK PLAIN END PIPE
 GPE : GALVANIZED PLAIN END PIPE

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These results are certified by TOSÇELİK PROFİL SAC VE END. A.Ş. and comply 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".