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MILL TEST CERTIFICATE

Certificate No : 1000260252
 Page No : 35 / 82
 Certificate Date : 7.11.2022
 Inspection Certificate : EN 10204-3.1
 Sales Document : 10558573
 Shipment Number : 1000032218
 Vessel Name : MV LORD MOUNTBATTEN

NAME & / :
 DESCRIPTION OF GOODS :
 ERW STEEL PIPE

USA / 7056 USA
 1 713-840-055

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
851	BPEC	2 1/2"x0,203"x21"	MB05912081	2207822	25.555	0.1150	0.5586	0.0064	0.0103	0.2881	0.0814	0.0409	0.0136	0.0020	ASTM A53/ASME SA53	B	48732	68187	38,5	2500	G	G	G	G	G	G
852	BPEC	2 1/2"x0,203"x21"	MB05912082	2207822	25.555	0.1150	0.5586	0.0064	0.0103	0.2881	0.0814	0.0409	0.0136	0.0020	ASTM A53/ASME SA53	B	48732	68187	38,5	2500	G	G	G	G	G	G
853	BPEC	2 1/2"x0,276"x20 1/2"	MB05912331	2207555	25.555	0.1041	0.5038	0.0113	0.0123	0.2804	0.0878	0.0550	0.0154	0.0010	ASTM A53/ASME SA53	B	51823	71068	32,7	2500	G	G	G	G	G	G
854	BPEC	2 1/2"x0,276"x20 1/2"	MB05912332	2207555	25.555	0.1041	0.5038	0.0113	0.0123	0.2804	0.0878	0.0550	0.0154	0.0010	ASTM A53/ASME SA53	B	51823	71068	32,7	2500	G	G	G	G	G	G
855	BPEC	2 1/2"x0,276"x20 1/2"	MB05912424	2207555	25.555	0.1041	0.5038	0.0113	0.0123	0.2804	0.0878	0.0550	0.0154	0.0010	ASTM A53/ASME SA53	B	51823	71068	32,7	2500	G	G	G	G	G	G
856	BPEC	2 1/2"x0,276"x20 1/2"	MB05912425	2207555	25.555	0.1041	0.5038	0.0113	0.0123	0.2804	0.0878	0.0550	0.0154	0.0010	ASTM A53/ASME SA53	B	51823	71068	32,7	2500	G	G	G	G	G	G
857	BPEC	2 1/2"x0,276"x20 1/2"	MB05912450	2207555	25.555	0.1041	0.5038	0.0113	0.0123	0.2804	0.0878	0.0550	0.0154	0.0010	ASTM A53/ASME SA53	B	51823	71068	32,7	2500	G	G	G	G	G	G
858	BPEC	2 1/2"x0,276"x20 1/2"	MB05912461	2207555	25.555	0.1041	0.5038	0.0113	0.0123	0.2804	0.0878	0.0550	0.0154	0.0010	ASTM A53/ASME SA53	B	51823	71068	32,7	2500	G	G	G	G	G	G
859	BPEC	2 1/2"x0,276"x20 1/2"	MB05912462	2207555	25.555	0.1041	0.5038	0.0113	0.0123	0.2804	0.0878	0.0550	0.0154	0.0010	ASTM A53/ASME SA53	B	51823	71068	32,7	2500	G	G	G	G	G	G
860	BPEC	2 1/2"x0,276"x20 1/2"	MB05912463	2207555	25.555	0.1041	0.5038	0.0113	0.0123	0.2804	0.0878	0.0550	0.0154	0.0010	ASTM A53/ASME SA53	B	51823	71068	32,7	2500	G	G	G	G	G	G
861	BPEC	2 1/2"x0,276"x20 1/2"	MB05912464	2207555	25.555	0.1041	0.5038	0.0113	0.0123	0.2804	0.0878	0.0550	0.0154	0.0010	ASTM A53/ASME SA53	B	51823	71068	32,7	2500	G	G	G	G	G	G
862	BPEC	2 1/2"x0,276"x20 1/2"	MB05912465	2207555	25.555	0.1041	0.5038	0.0113	0.0123	0.2804	0.0878	0.0550	0.0154	0.0010	ASTM A53/ASME SA53	B	51823	71068	32,7	2500	G	G	G	G	G	G
863	BPEC	2 1/2"x0,276"x20 1/2"	MB05912466	2207555	25.555	0.1041	0.5038	0.0113	0.0123	0.2804	0.0878	0.0550	0.0154	0.0010	ASTM A53/ASME SA53	B	51823	71068	32,7	2500	G	G	G	G	G	G
864	BPEC	2 1/2"x0,276"x20 1/2"	MB05912493	2207555	25.555	0.1041	0.5038	0.0113	0.0123	0.2804	0.0878	0.0550	0.0154	0.0010	ASTM A53/ASME SA53	B	48877	70343	32,9	2500	G	G	G	G	G	G
865	BPEC	2 1/2"x0,276"x20 1/2"	MB05912553	2207821	25.555	0.1188	0.5010	0.0098	0.0095	0.2849	0.0864	0.0409	0.0155	0.0045	ASTM A53/ASME SA53	B	48877	70343	32,9	2500	G	G	G	G	G	G
866	BPEC	2 1/2"x0,276"x20 1/2"	MB05912554	2207821	25.555	0.1188	0.5010	0.0098	0.0095	0.2849	0.0864	0.0409	0.0155	0.0045	ASTM A53/ASME SA53	B	48877	70343	32,9	2500	G	G	G	G	G	G
867	BPEC	2 1/2"x0,276"x20 1/2"	MB05912567	2207821	25.555	0.1188	0.5010	0.0098	0.0095	0.2849	0.0864	0.0409	0.0155	0.0045	ASTM A53/ASME SA53	B	48877	70343	32,9	2500	G	G	G	G	G	G
868	BPEC	2 1/2"x0,276"x20 1/2"	MB05912568	2207821	25.555	0.1188	0.5010	0.0098	0.0095	0.2849	0.0864	0.0409	0.0155	0.0045	ASTM A53/ASME SA53	B	48877	70343	32,9	2500	G	G	G	G	G	G
869	BPEC	2 1/2"x0,276"x20 1/2"	MB05912569	2207821	25.555	0.1188	0.5010	0.0098	0.0095	0.2849	0.0864	0.0409	0.0155	0.0045	ASTM A53/ASME SA53	B	48877	70343	32,9	2500	G	G	G	G	G	G
870	BPEC	2 1/2"x0,276"x20 1/2"	MB05912570	2207821	25.555	0.1188	0.5010	0.0098	0.0095	0.2849	0.0864	0.0409	0.0155	0.0045	ASTM A53/ASME SA53	B	48877	70343	32,9	2500	G	G	G	G	G	G
871	BPEC	2 1/2"x0,276"x20 1/2"	MB05912591	2207821	25.555	0.1188	0.5010	0.0098	0.0095	0.2849	0.0864	0.0409	0.0155	0.0045	ASTM A53/ASME SA53	B	48877	70343	32,9	2500	G	G	G	G	G	G
872	BPEC	2 1/2"x0,276"x20 1/2"	MB05912596	2207821	25.555	0.1188	0.5010	0.0098	0.0095	0.2849	0.0864	0.0409	0.0155	0.0045	ASTM A53/ASME SA53	B	48877	70343	32,9	2500	G	G	G	G	G	G
873	BPEC	2 1/2"x0,276"x20 1/2"	MB05912597	2207821	25.555	0.1188	0.5010	0.0098	0.0095	0.2849	0.0864	0.0409	0.0155	0.0045	ASTM A53/ASME SA53	B	48877	70343	32,9	2500	G	G	G	G	G	G
874	BPEC	2 1/2"x0,276"x20 1/2"	MB05912598	2207821	25.555	0.1188	0.5010	0.0098	0.0095	0.2849	0.0864	0.0409	0.0155	0.0045	ASTM A53/ASME SA53	B	48877	70343	32,9	2500	G	G	G	G	G	G
875	BPEC	2 1/2"x0,276"x20 1/2"	MB05912718	2207821	25.555	0.1188	0.5010	0.0098	0.0095	0.2849	0.0864	0.0409	0.0155	0.0045	ASTM A53/ASME SA53	B	48877	70343	32,9	2500	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
 ASTM A53 2021
 ASME SA53 2021

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These results are certified by TOSÇELİK PROFİL SAC VE END. A.Ş. 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 at GRB sizes which starts from 2".