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MILL TEST CERTIFICATE

DESCRIPTION OF GOODS:
 ERW STEEL PIPE

NAME & ADDRESS OF THE CONTRACTOR:
 14880 MUST OAK BLVD. SUITE 950 HOUSTON,
 TX 77056 USA
 1 713-940-065

Certificate No : 1000261686
 Page No : 22 / 33
 Certificate Date : 12.08.2022
 Inspection Certificate : EN 10204-3.1
 Sales Document : 10542397
 Shipment Number : 10000091354
 Vessel Name : MV LORD NELSON

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	TS	E	HT	VDC	B	FT	BD	EX	NDT
526	BPEC	6"X0,432"X21'	MB05669436	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
527	BPEC	6"X0,432"X21'	MB05669437	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
528	BPEC	6"X0,432"X21'	MB05669438	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
529	BPEC	6"X0,432"X21'	MB05669440	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
530	BPEC	6"X0,432"X21'	MB05669460	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
531	BPEC	6"X0,432"X21'	MB05669481	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
532	BPEC	6"X0,432"X21'	MB05669482	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
533	BPEC	6"X0,432"X21'	MB05669483	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
534	BPEC	6"X0,432"X21'	MB05669521	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
535	BPEC	6"X0,432"X21'	MB05669576	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
536	BPEC	6"X0,432"X21'	MB05669577	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
537	BPEC	6"X0,432"X21'	MB05669578	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
538	BPEC	6"X0,432"X21'	MB05669579	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
539	BPEC	6"X0,432"X21'	MB05669580	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
540	BPEC	6"X0,432"X21'	MB05669641	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
541	BPEC	6"X0,432"X21'	MB05669642	2204126	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	46992	68313	34,3	2740	G	G	G	G	G	G
542	BPEC	6"X0,188"X42'	MB05669642	2200186	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	48733	67443	37,0	1200	G	G	G	G	G	G
543	BPEC	6"X0,188"X42'	MB05669642	2200186	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	48733	67443	37,0	1200	G	G	G	G	G	G
544	BPEC	6"X0,188"X42'	MB05669642	2202427	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	48733	67443	37,0	1200	G	G	G	G	G	G
545	BPEC	6"X0,188"X42'	MB05669642	2202427	25,365	0.1298	0.5173	0.0117	0.0079	0.3304	0.1516	0.0637	0.0338	0.0022	ASTM A53/ASME SA53	B	48733	67443	37,0	1200	G	G	G	G	G	G
546	BPEC	6"X0,188"X42'	MB05669642	2204542	25,365	0.1226	0.5908	0.0140	0.0142	0.3691	0.1077	0.1648	0.0221	0.0022	ASTM A53/ASME SA53	B	51343	70198	35,8	1200	G	G	G	G	G	G
547	BPEC	6"X0,188"X42'	MB05669642	2204542	25,365	0.1226	0.5908	0.0140	0.0142	0.3691	0.1077	0.1648	0.0221	0.0022	ASTM A53/ASME SA53	B	51343	70198	35,8	1200	G	G	G	G	G	G
548	BPEC	6"X0,188"X42'	MB05669642	2204542	25,365	0.1226	0.5908	0.0140	0.0142	0.3691	0.1077	0.1648	0.0221	0.0022	ASTM A53/ASME SA53	B	51343	70198	35,8	1200	G	G	G	G	G	G
549	BPEC	6"X0,188"X42'	MB05669642	2204542	25,365	0.1226	0.5908	0.0140	0.0142	0.3691	0.1077	0.1648	0.0221	0.0022	ASTM A53/ASME SA53	B	51343	70198	35,8	1200	G	G	G	G	G	G
550	BPEC	6"X0,188"X42'	MB05669642	2204542	25,365	0.1226	0.5908	0.0140	0.0142	0.3691	0.1077	0.1648	0.0221	0.0022	ASTM A53/ASME SA53	B	51343	70198	35,8	1200	G	G	G	G	G	G

APPROVED BY
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TOSÇELİK Profil ve Sac
 TOSÇELİK Profil ve Sac Endüstri A.Ş.
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 Aşam (Gündüz V 1) : 064 031 3221

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