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MILL TEST CERTIFICATE

DESCRIPTION OF GOODS:
 ERW STEEL PIPE

Certificate No : 1000261714
 Page No : 22 / 108
 Certificate Date : 12.08.2022
 Inspection Certificate: EN 10204-3.1
 Sales Document : 10546239
 Shipment Number : 10000031363
 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 psi	TS psi	E %	HT psi	VDC	B	FT	BD	EX	NDT
526	BPEC	11/4"X0,140"X21'	MB05710273	2215260017	25.397	0.1029	0.4666	0.0137	0.0058	0.012	0.001	0.018	0.0019	0.002	ASTM A53	A	43076	60626	40,4	1200	G	G	G	G	G	G
527	BPEC	11/4"X0,140"X21'	MB05710274	2215260017	25.397	0.1029	0.4666	0.0137	0.0058	0.012	0.001	0.018	0.0019	0.002	ASTM A53	A	43076	60626	40,4	1200	G	G	G	G	G	G
528	BPEC	11/4"X0,140"X21'	MB05710275	2215260017	25.397	0.1029	0.4666	0.0137	0.0058	0.012	0.001	0.018	0.0019	0.002	ASTM A53	A	43076	60626	40,4	1200	G	G	G	G	G	G
529	BPEC	11/4"X0,140"X21'	MB05710277	2215260017	25.397	0.1029	0.4666	0.0137	0.0058	0.012	0.001	0.018	0.0019	0.002	ASTM A53	A	43076	60626	40,4	1200	G	G	G	G	G	G
530	BPEC	11/4"X0,140"X21'	MB05710279	2215260017	25.397	0.1029	0.4666	0.0137	0.0058	0.012	0.001	0.018	0.0019	0.002	ASTM A53	A	43076	60626	40,4	1200	G	G	G	G	G	G
531	BPEC	11/4"X0,140"X21'	MB05710302	221310568	25.397	0.0782	0.4295	0.0113	0.0044	0.0063	0.0010	0.0174	0.0031	0.0099	ASTM A53	A	40901	60336	35,9	1200	G	G	G	G	G	G
532	BPEC	11/4"X0,140"X21'	MB05710303	221310568	25.397	0.0782	0.4295	0.0113	0.0044	0.0063	0.0010	0.0174	0.0031	0.0099	ASTM A53	A	40901	60336	35,9	1200	G	G	G	G	G	G
533	BPEC	11/4"X0,140"X21'	MB05710304	2215260017	25.397	0.1029	0.4666	0.0137	0.0058	0.012	0.001	0.018	0.0019	0.002	ASTM A53	A	43076	60626	40,4	1200	G	G	G	G	G	G
534	BPEC	11/4"X0,140"X21'	MB05710305	2215260017	25.397	0.1029	0.4666	0.0137	0.0058	0.012	0.001	0.018	0.0019	0.002	ASTM A53	A	43076	60626	40,4	1200	G	G	G	G	G	G
535	BPEC	11/4"X0,140"X21'	MB05710310	221310568	25.397	0.0782	0.4295	0.0113	0.0044	0.0063	0.0010	0.0174	0.0031	0.0099	ASTM A53	A	40901	60336	35,9	1200	G	G	G	G	G	G
536	BPEC	11/4"X0,140"X21'	MB05710347	2215260017	25.397	0.1029	0.4666	0.0137	0.0058	0.012	0.001	0.018	0.0019	0.002	ASTM A53	A	43076	60626	40,4	1200	G	G	G	G	G	G
537	BPEC	11/4"X0,140"X21'	MB05710350	2215260017	25.397	0.1029	0.4666	0.0137	0.0058	0.012	0.001	0.018	0.0019	0.002	ASTM A53	A	43076	60626	40,4	1200	G	G	G	G	G	G
538	BPEC	11/4"X0,140"X21'	MB05710353	2215260017	25.397	0.1029	0.4666	0.0137	0.0058	0.012	0.001	0.018	0.0019	0.002	ASTM A53	A	43076	60626	40,4	1200	G	G	G	G	G	G
539	BPEC	11/4"X0,140"X21'	MB05710354	2215259996	25.397	0.0776	0.4799	0.009	0.0154	0.0293	0.0102	0.0326	0.0052	0.0017	ASTM A53	A	38435	57000	40,7	1200	G	G	G	G	G	G
540	BPEC	11/4"X0,140"X21'	MB05710355	2215259996	25.397	0.0776	0.4799	0.009	0.0154	0.0293	0.0102	0.0326	0.0052	0.0017	ASTM A53	A	38435	57000	40,7	1200	G	G	G	G	G	G
541	BPEC	11/4"X0,140"X21'	MB05710356	2215259996	25.397	0.0776	0.4799	0.009	0.0154	0.0293	0.0102	0.0326	0.0052	0.0017	ASTM A53	A	38435	57000	40,7	1200	G	G	G	G	G	G
542	BPEC	11/4"X0,140"X21'	MB05710357	2215259996	25.397	0.0776	0.4799	0.009	0.0154	0.0293	0.0102	0.0326	0.0052	0.0017	ASTM A53	A	38435	57000	40,7	1200	G	G	G	G	G	G
543	BPEC	11/4"X0,140"X21'	MB05710360	2215259996	25.397	0.0776	0.4799	0.009	0.0154	0.0293	0.0102	0.0326	0.0052	0.0017	ASTM A53	A	38435	57000	40,7	1200	G	G	G	G	G	G
544	BPEC	11/4"X0,140"X21'	MB05710390	2215259996	25.397	0.0776	0.4799	0.009	0.0154	0.0293	0.0102	0.0326	0.0052	0.0017	ASTM A53	A	38435	57000	40,7	1200	G	G	G	G	G	G
545	BPEC	11/4"X0,140"X21'	MB05710403	2215259996	25.397	0.0776	0.4799	0.009	0.0154	0.0293	0.0102	0.0326	0.0052	0.0017	ASTM A53	A	38435	57000	40,7	1200	G	G	G	G	G	G
546	BPEC	11/4"X0,140"X21'	MB05710404	2215260040	25.397	0.0939	0.4492	0.0099	0.0116	0.025	0.0075	0.0407	0.0041	0.0016	ASTM A53	A	38000	56565	42,5	1200	G	G	G	G	G	G
547	BPEC	11/4"X0,140"X21'	MB05710471	2215260040	25.397	0.0939	0.4492	0.0099	0.0116	0.025	0.0075	0.0407	0.0041	0.0016	ASTM A53	A	38000	56565	42,5	1200	G	G	G	G	G	G
548	BPEC	11/4"X0,140"X21'	MB05710474	2215260040	25.397	0.0939	0.4492	0.0099	0.0116	0.025	0.0075	0.0407	0.0041	0.0016	ASTM A53	A	38000	56565	42,5	1200	G	G	G	G	G	G
549	BPEC	11/4"X0,140"X21'	MB05710478	2215260040	25.397	0.0939	0.4492	0.0099	0.0116	0.025	0.0075	0.0407	0.0041	0.0016	ASTM A53	A	38000	56565	42,5	1200	G	G	G	G	G	G
550	BPEC	11/4"X0,140"X21'	MB05710482	2215260040	25.397	0.0939	0.4492	0.0099	0.0116	0.025	0.0075	0.0407	0.0041	0.0016	ASTM A53	A	38000	56565	42,5	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: COATED BLACK PLAIN END
 BTCC: P/R/ COA BLACK THRE&COUP PIPE
 GPE: GALVANISED PLAIN END PIPE
 GTC: GALVANISED THR AND COUP PIPE

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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".