



Address :Organize San. Bölgesi Toprakale/ OSMANİYE
Tel :+90 326 656 28 90 PBX
Fax :+90 326 656 28 95
Web :www.toscelik.com.tr
E-mail :toscelik@toscelik.com.tr

MILL TEST CERTIFICATE

Certificate No : 1000261685
Page No : 11 / 26
Certificate Date : 12.08.2022
Inspection Certificate: EN 10204-3.1
Sales Document : 10542397
Shipment Number : 10000031354
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
251	BPEC	3"X0,216"X21'	MB05701739	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	50038	69038	37,1	2500	G	G	G	G	G	G
252	BPEC	3"X0,216"X21'	MB05701740	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	50038	69038	37,1	2500	G	G	G	G	G	G
253	BPEC	3"X0,216"X21'	MB05701741	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	50038	69038	37,1	2500	G	G	G	G	G	G
254	BPEC	3"X0,216"X21'	MB05701766	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	50038	69038	37,1	2500	G	G	G	G	G	G
255	BPEC	3"X0,216"X21'	MB05701767	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	50038	69038	37,1	2500	G	G	G	G	G	G
256	BPEC	3"X0,216"X21'	MB05701768	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	50038	69038	37,1	2500	G	G	G	G	G	G
257	BPEC	3"X0,216"X21'	MB05701837	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	50038	69038	37,1	2500	G	G	G	G	G	G
258	BPEC	3"X0,216"X21'	MB05701838	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	50038	69038	37,1	2500	G	G	G	G	G	G
259	BPEC	3"X0,216"X21'	MB05701839	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	50038	69038	37,1	2500	G	G	G	G	G	G
260	BPEC	3"X0,216"X21'	MB05701840	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	50038	69038	37,1	2500	G	G	G	G	G	G
261	BPEC	3"X0,216"X21'	MB05701842	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	50038	69038	37,1	2500	G	G	G	G	G	G
262	BPEC	3"X0,300"X21'	MB05702576	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	G	G	G	G	G	G
263	BPEC	3"X0,300"X21'	MB05702578	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	G	G	G	G	G	G
264	BPEC	3"X0,300"X21'	MB05702627	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	G	G	G	G	G	G
265	BPEC	3"X0,300"X21'	MB05702628	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	G	G	G	G	G	G
266	BPEC	3"X0,300"X21'	MB05702629	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	G	G	G	G	G	G
267	BPEC	3"X0,300"X21'	MB05702630	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	G	G	G	G	G	G
268	BPEC	3"X0,300"X21'	MB05702641	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	G	G	G	G	G	G
269	BPEC	3"X0,300"X21'	MB05702650	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	G	G	G	G	G	G
270	BPEC	3"X0,300"X21'	MB05702661	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	G	G	G	G	G	G
271	BPEC	3"X0,300"X21'	MB05702662	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	G	G	G	G	G	G
272	BPEC	3"X0,300"X21'	MB05702663	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	G	G	G	G	G	G
273	BPEC	3"X0,300"X21'	MB05702664	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	G	G	G	G	G	G
274	BPEC	3"X0,300"X21'	MB05702666	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	G	G	G	G	G	G
275	BPEC	3"X0,300"X21'	MB05702668	2204853	25.366	0.1098	0.5219	0.0079	0.0108	0.3182	0.0990	0.0872	0.0393	0.0017	ASTM A53/ASME SA53	B	46702	67298	36,4	2500	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
B : Bending
BD : Bevelend
G : Good

BPEC:COATED BLACK PLAIN END
BTCC:PRI COA BLACK THRE&COUP PIPE
GPE:GALVANISED PLAIN END PIPE
GTC:GALVANISED THR AND COUP PIPE

APPROVED BY
ERW Plants Quality Manager
Bülent SÖNMEZ
bulent.sonmez@toscelik.com.tr

TOSÇELİK Profil ve Sac
Tosçelik Profil ve Sac Endüstri A.Ş.
Organize Sanay. Bölgesi
80550 TOPRAKALE/OSMANİYE TÜRKİYE
T : +90 (326) 656 28 90 F : +90 (326) 656 28 95
Asım Gündüz Y.D. 000 001 3221

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".