



Address : Organize San. Bölgesi Toprakkafe/ OSMANLIYE  
 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

DESCRIPTION OF GOODS:  
 ERW STEEL PIPE

1713-840-055

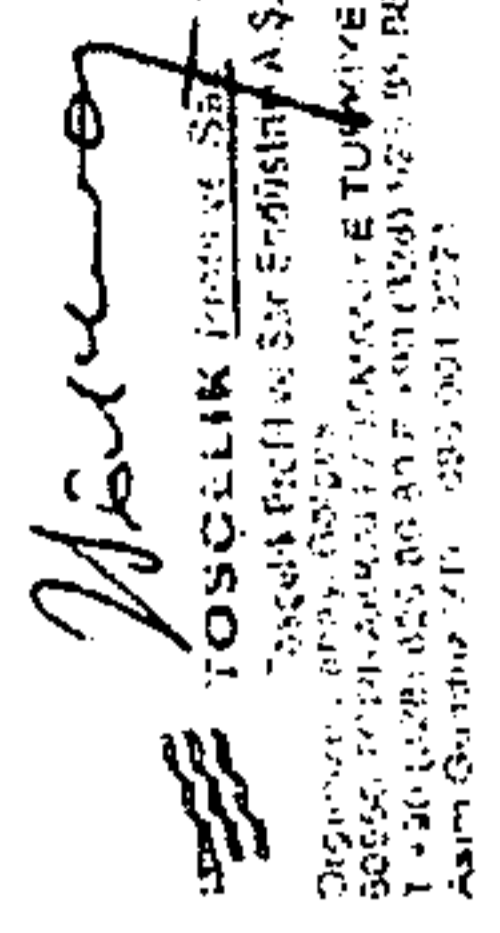
Certificate No : 1000282608  
 Page No : 14 / 43  
 Certificate Date : 18.11.2022  
 Inspection Certificate : EN 10204-3.1  
 Sales Document : 10564639  
 Shipment Number : 10000032500  
 Vessel Name : MV SEASTAR HAWK

ITEM	Tag Information			Chemical Analysis										Product Information			Mechanical Properties						Other Specifications		
	TYPE	SIZE	PACK NO	CAST NO	LOT NO	C	MIN	P	S	CU	NI	CR	MO	V	PRODUCT NORM	STEEL GRADE	YS	TS	E	HT	VDC	B	FT	BD	EX
326	BPEC	4"X0,337"X21'	MB05969441	2228125238	25.584	0.1487	1.0800	0.0067	0.0142	0.0114	0.0050	0.0283	0.0050	0.0020	ASTM A53/ASME SA53	B	50328	70053	35,5	2210	G	G	G	G	G
327	BPEC	4"X0,337"X21'	MB05969442	2228125238	25.584	0.1487	1.0800	0.0067	0.0142	0.0114	0.0050	0.0283	0.0050	0.0020	ASTM A53/ASME SA53	B	50328	70053	35,5	2210	G	G	G	G	G
328	BPEC	4"X0,337"X21'	MB05969449	2228125238	25.584	0.1487	1.0800	0.0067	0.0142	0.0114	0.0050	0.0283	0.0050	0.0020	ASTM A53/ASME SA53	B	50328	70053	35,5	2210	G	G	G	G	G
329	BPEC	4"X0,337"X21'	MB05967543	2228325937	25.584	0.1455	1.1380	0.0088	0.0079	0.0210	0.0086	0.0338	0.0010	0.0019	ASTM A53/ASME SA53	B	46847	71848	36,6	2210	G	G	G	G	G
330	BPEC	4"X0,337"X21'	MB05967544	2228325937	25.584	0.1455	1.1380	0.0088	0.0079	0.0210	0.0086	0.0338	0.0010	0.0019	ASTM A53/ASME SA53	B	46847	71848	36,6	2210	G	G	G	G	G
331	BPEC	4"X0,337"X21'	MB05967545	2228325937	25.584	0.1455	1.1380	0.0088	0.0079	0.0210	0.0086	0.0338	0.0010	0.0019	ASTM A53/ASME SA53	B	46847	71848	36,6	2210	G	G	G	G	G
332	BPEC	4"X0,337"X21'	MB05967564	2228325937	25.584	0.1455	1.1380	0.0088	0.0079	0.0210	0.0086	0.0338	0.0010	0.0019	ASTM A53/ASME SA53	B	46847	71848	36,6	2210	G	G	G	G	G
333	BPEC	4"X0,337"X21'	MB05967565	2228325937	25.584	0.1455	1.1380	0.0088	0.0079	0.0210	0.0086	0.0338	0.0010	0.0019	ASTM A53/ASME SA53	B	46847	71848	36,6	2210	G	G	G	G	G
334	BPEC	4"X0,337"X21'	MB05967566	2228325937	25.584	0.1455	1.1380	0.0088	0.0079	0.0210	0.0086	0.0338	0.0010	0.0019	ASTM A53/ASME SA53	B	46847	71848	36,6	2210	G	G	G	G	G
335	BPEC	4"X0,337"X21'	MB05967567	2228325937	25.584	0.1455	1.1380	0.0088	0.0079	0.0210	0.0086	0.0338	0.0010	0.0019	ASTM A53/ASME SA53	B	46847	71848	36,6	2210	G	G	G	G	G
336	BPEC	4"X0,337"X21'	MB05967634	2228325937	25.584	0.1455	1.1380	0.0088	0.0079	0.0210	0.0086	0.0338	0.0010	0.0019	ASTM A53/ASME SA53	B	46847	71848	36,6	2210	G	G	G	G	G
337	BPEC	4"X0,337"X21'	MB05967636	2228325937	25.584	0.1455	1.1380	0.0088	0.0079	0.0210	0.0086	0.0338	0.0010	0.0019	ASTM A53/ASME SA53	B	46847	71848	36,6	2210	G	G	G	G	G
338	BPEC	4"X0,337"X21'	MB05967639	2228325937	25.584	0.1455	1.1380	0.0088	0.0079	0.0210	0.0086	0.0338	0.0010	0.0019	ASTM A53/ASME SA53	B	46847	71848	36,6	2210	G	G	G	G	G
339	BPEC	4"X0,337"X21'	MB05972733	2226125043	25.584	0.1483	1.1120	0.0120	0.0084	0.0180	0.0022	0.0322	0.0010	0.0086	ASTM A53/ASME SA53	B	45688	69183	37,2	2800	G	G	G	G	G
340	BPEC	4"X0,337"X21'	MB05972736	2226125043	25.584	0.1483	1.1120	0.0120	0.0084	0.0180	0.0022	0.0322	0.0010	0.0086	ASTM A53/ASME SA53	B	45688	69183	37,2	2800	G	G	G	G	G
341	BPEC	4"X0,337"X21'	MB05972738	2226125043	25.584	0.1483	1.1120	0.0120	0.0084	0.0180	0.0022	0.0322	0.0010	0.0086	ASTM A53/ASME SA53	B	45688	69183	37,2	2800	G	G	G	G	G
342	BPEC	4"X0,337"X21'	MB05972743	2226125043	25.584	0.1493	1.1120	0.0120	0.0084	0.0180	0.0022	0.0322	0.0010	0.0086	ASTM A53/ASME SA53	B	45686	69183	37,2	2800	G	G	G	G	G
343	BPEC	4"X0,337"X21'	MB05972744	2226125043	25.584	0.1493	1.1120	0.0120	0.0084	0.0180	0.0022	0.0322	0.0010	0.0086	ASTM A53/ASME SA53	B	45686	69183	37,2	2800	G	G	G	G	G
344	BPEC	4"X0,337"X21'	MB05972774	2226125043	25.584	0.1493	1.1120	0.0120	0.0084	0.0180	0.0022	0.0322	0.0010	0.0086	ASTM A53/ASME SA53	B	45686	69183	37,2	2800	G	G	G	G	G
345	BPEC	4"X0,337"X21'	MB05972776	2226125043	25.584	0.1493	1.1120	0.0120	0.0084	0.0180	0.0022	0.0322	0.0010	0.0086	ASTM A53/ASME SA53	B	45688	69183	37,2	2800	G	G	G	G	G
346	BPEC	4"X0,337"X21'	MB05972781	2226125043	25.584	0.1483	1.1120	0.0120	0.0084	0.0180	0.0022	0.0322	0.0010	0.0086	ASTM A53/ASME SA53	B	45686	69183	37,2	2800	G	G	G	G	G
347	BPEC	4"X0,337"X21'	MB05972782	2226125043	25.584	0.1483	1.1120	0.0120	0.0084	0.0180	0.0022	0.0322	0.0010	0.0086	ASTM A53/ASME SA53	B	45686	69183	37,2	2800	G	G	G	G	G
348	BPEC	4"X0,337"X21'	MB05972783	2226125043	25.584	0.1483	1.1120	0.0120	0.0084	0.0180	0.0022	0.0322	0.0010	0.0086	ASTM A53/ASME SA53	B	45686	69183	37,2	2800	G	G	G	G	G
349	BPEC	4"X0,337"X21'	MB05972827	2226125043	25.584	0.1483	1.1120	0.0120	0.0084	0.0180	0.0022	0.0322	0.0010	0.0086	ASTM A53/ASME SA53	B	45686	69183	37,2	2800	G	G	G	G	G
350	BPEC	4"X0,337"X21'	MB05972829	2226125043	25.584	0.1483	1.1120	0.0120	0.0084	0.0180	0.0022	0.0322	0.0010	0.0086	ASTM A53/ASME SA53	B	45686	69183	37,2	2800	G	G	G	G	G

YS : Yield Strength ( psi )  
 TS : Tensile Strength ( psi )  
 E : Elongation (%)  
 HT : Hydrostatic Test ( psi )  
 TIME : Hydrostatic Second  
 NDT : Non Destructive Examination  
 VDC : Dimensional Check  
 EX : Expanding  
 FT : Flattening  
 BD : Bending  
 B : Bevelend  
 G : Good

BPEC : COATED BLACK PLAIN END  
 BPEC : PRIMER COATED GROOVED BLACK PLAIN END PIPE  
 BTCC : PRICOA BLACK THREELAMP PIPE  
 GPE : GALVANISED PLAIN END PIPE

APPROVED BY  
 ERW Plants Quality Manager  
 Bilal SONMEZ  
 bilalsonmez@toscelik.com.tr



TOSÇELİK  
 TOSÇELİK Profilve Sac Endüstrisi A.Ş.  
 Organize San. Bölgesi Toprakkafe/ OSMANLIYE  
 05050 326 656 28 90 PBX (326) 28 95 RB  
 05050 326 656 28 95 RB  
 Aam Gıda San. 05050 326 656 28 95 RB

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".