

No. 3018.

(Received at London Office.)

TESTS OF BOILER STEEL.

Tests of 46 Steel Bars manufactured by Messrs D Colville & Sons of Motherwell for Boiler No. R.2 to be constructed by Messrs The Central Marine Engine Co of West Hartlepool for *The S.S. Charles Howard*.

Date first visit *Oct 12. 1885* last visit

No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 5 samples as set forth below, and the temper and bending tests

When a second test is applied, the result should be recorded immediately below the record of the original test. The number of plates or bars included in a rejection must be clearly stated.

No.	Purpose.	Charge Mark.	No. of plates or bars in same charge.	Mark on plate and test piece.	Dimensions.			Ultimate Stress.		Exten. in 8 ins. %	Remarks.
					Thickn.	Brlth.	Area.	Total.	Sq. Inch		
					Inch.	Inch.	Inch.	Tons.	Tons.		
1	R.2 Bars 17 Dia	B313	50	50	.81	1.43	1.58	33.55	28.9	30.0	
2	" " 2 1/4 "	H404	52	52	.86	1.60	1.76	40.25	29.2	28.5	
3	" " " "	M149	56	56	.76	1.60	1.84	34.50	29.1	27.5	
4	" " " "	A401	57	57	.85	1.60	1.36	40.4	29.7	21.0	
5	" " " "	K146	60	60	.78	1.60	1.248	36.19	28.9	27.0	M. 5/11/85

Fee £ : :

Expenses £ : :

£ : :

To be paid by

H. Moore

Surveyor, Lloyd's Register.

Glasgow

26.10.85