

No. 3331

TESTS OF BOILER STEEL.

Tests of 44 Steel Plate manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 11 to be constructed by Messrs The Central Marine Eng Co of West Hartlepool for Messrs W. Gray & Co. S.S. No. 314

Date first visit Feb 1st 1886 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 to a shearing from each plate

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.	Brdth.	Area.	Total.	Sq. Inch		
					In.	In.	In.	Tons.	Tons.	%	
1	Furnace Bottom	D345	3530	62	1.71	1.060	30.90	29.1	25.5		
2	Comb. Churn Side	K632	3398	.62	1.34	.830	23.85	28.4	22.5		
3	Shell Water Pipe + Stay	A783	3682	1.01	1.59	1.605	46.0	28.6	29.5		
4	Boiler Tube Plate	J182	40	.70	1.59	1.113	32.36	29.0	29.5		
5	Front Lap	L746	474	.99	1.24	1.227	34.64	28.2	27.0		M 15/2/86

Fee £ : :

Expenses £ : :

£ : :

To be paid by



H. M. Dove
Surveyor, Lloyd's Register.

Lloyd's Register
Foundation