

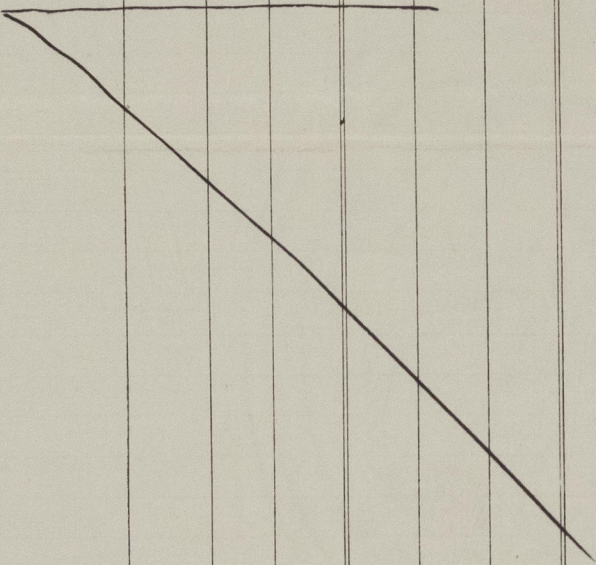
TESTS OF BOILER STEEL.

Tests of 39. Steel plates manufactured by W. D. Colville of Motherwell for Boiler No. 138 to be constructed by Messrs Hubon and of Glasgow. for S.S. No 138 building by Messrs W. Canal Co.

Date first visit 9. 3. 83, last visit 30. 5. 83 No. of Visits 5.

The steel plates specified in the accompanying copy of Advice Notes were rolled from 17 charges. The tensile test has been applied to 6 samples as set forth below, and the temper and bending tests to samples representing each of the plates advised, all of which proved satisfactory.

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: Dimensions	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.		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	12.0 x 57 x 7/16	F363	5	699	.55	1.79	.984	27.0	24.4	30.0	
2	9.4 x 48 x 1/2	F364	1	810	.485	1.71	.829	24.6	29.6	24.0	
3	6.11 1/4 x 62 1/2 x 1/2	F367	5	1165	.6	1.633	.979	27.67	28.2	26.0	
4	18.0 x 60 1/4 x 3/4	F3748	3	1490	.65	1.71	1.111	31.74	28.5	30.0	
5	7.3 1/2 x 6 x 3/8	D683	8	1580	.32	1.425	.455	12.66	27.8	28.0	
6	3.8 x 19 x 7/16	H62	1	2274	.54	1.912	1.024	29.06	28.1	24.5	
											

Fee £ : :

Expenses £ : :

£ : :

To be paid by W. D. Colville.

Surveyor, Lloyd's Register,

C. Burney

3/4/83

Cornell
138

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Lloyd's Register
Foundation