

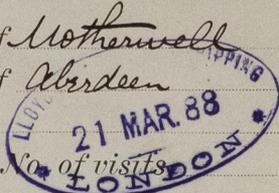
No. 6952

(Received at London Office)

TESTS OF BOILER STEEL.

Tests of 39 Steel Bars manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 247 to be constructed by Messrs Hall Russell & Co of Aberdeen for their S.S. No. 247

Date first visit February 4th 1888 last visit March 19th 1888



The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 3 samples as set forth below, and the temper and bending tests to pieces from three of the bars with satisfactory results

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.	Brdth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	Stay Bar 2 1/2 Dia	A445		128	73	1.56	1.138	32.62	28.6	24.0	
2	" " 1 1/2 "	N282		909	1.51	Dia	1.791	49.74	27.7	33.0	
3	" " 2 "	P278		857	1.37	"	1.474	41.06	27.8	25.0	

RA 29/3/88

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by



A. M. Dove

Surveyor, Lloyd's Register.

20.3.88