

No. 3887

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of 3 Steel Plates manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 120 to be constructed by Messrs J. & J. Thomson of Glasgow for S.S. *Star of Victoria* Bell Report 33024

Date first visit *Sept 17th* 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 2 samples as set forth below, and the temper and bending tests to a shearing from each plate

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	20.3 x 71 7/8 x 1 3/16	A33		842	1.19	1.3	1.547	44.32	28.6	26.5	
2	66 x 39 7/8 x 1/2	G46		680	.51	1.3	.663	18.3	27.6	21.5	

D.P.
27/9/86

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register,

Glasgow
22.9.86