

No. 3867

(Received at London Office)

11 SEP. 83

TESTS OF BOILER STEEL

Tests of 22 Steel Plate 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. *Shore of Victoria* *Beff. April 33 024*

Date first visit *31st August* / 83 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 3 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		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	3.3 x 37 x $\frac{9}{16}$	N838		4479	.55	1.72	946	27.12	28.6	27.0	
2	6.6 x 36 $\frac{1}{2}$ x $\frac{1}{2}$	N744		4551	.50	1.97	985	27.54	27.9	32.0	
3	4.9R x 68 x $\frac{1}{16}$	N796		4617	.70	2.02	1414	39.40	27.8	27.5	

Mc
16/9/83

Fee £ : :

Expenses £ : :

£ : :

To be paid by _____

Surveyor, Lloyd's Register.

Glasgow

8.9.86