

TESTS OF BOILER STEEL.

Tests of 2 Steel Plate manufactured by Messrs The Steel Co. of Scotland of Newton
for Boiler No. 280 to be constructed by Messrs A. Stephen & Sons of Glasgow
for their S.S. No. 280

Date first visit June 21st 1883 last visit June 28th 1883 No. of Visits 2

The 2 Plates specified in the accompanying copy of Advice Notes were rolled from
2 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 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	6'0" x 68 1/2" x 1/16"	R344	1	5644	67	1.205	807	22.35	27.6	24.2	
2	" " " "	253	1	4044	69 2	1.203	832	21.98	26.4	26.5	

Fee £ : :

Expenses £ : :

£ : :

To be paid by The Steel Co. of Scotland, Glasgow

Surrey, Lloyd's Register,

27.7.83