



TESTS OF BOILER STEEL.

Tests of 3 Steel plates manufactured by The Steel Co of Scotland of Broomhall Glasgow
 for Boiler No. 536 to be constructed by Messrs J. S. Eltringham of South Shields
 for the S.P. No 90 building by Messrs J. W. Smith & Co

Date first visit _____ last visit 30/5/84 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 as required by Circular 9243P

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. <i>Dimensions</i>	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	14.84 x 1.3 x ⁹ / ₁₆	<u>F657</u>		<u>P579</u>	<u>.52</u>	<u>1.14</u>	<u>.592</u>	<u>17.4</u>	<u>29.3</u>	<u>26.</u>	The remaining plate advised was tested by the Steel Co and the results stamped upon each plate.
2	9.10 x .59 x 4.11 x ¹³ / ₁₆	<u>K634</u>		<u>P589</u>	<u>.81</u>	<u>1.12</u>	<u>.907</u>	<u>26.1</u>	<u>28.5</u>	<u>20.</u>	

NWC792-0113

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by The Steel Co

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 W.P.
 13/6/84

 James Watt
 Surveyor, Lloyd's Register,
 Glasgow 26/6/84