

# TESTS OF BOILER STEEL.

Tests of 33 Steel plates manufactured by Clydesdale Iron & Steel Coy of Glasgow for Boiler No. 305 to be constructed by Alex Stephen & Sons of Glasgow for S.S. no 305 building by same firm.

Date first visit 1.4.87 last visit 11.4.87 No. of visits 2

The plates specified in the accompanying copy of Advice Notes were rolled from 2 charges. The tensile test has been applied to 3 samples as set forth below, and the temper and bending tests to a shearing taken from each plate rolled (8 in no) all of which proved satisfactory.

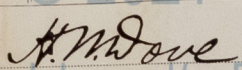
No.	Dimensions	Charge Mark.	No. of plates or bars in same charge	Mark on plate and test piece.	Dimensions.			Ultimate Stress.		Exten. in 8 ins. %	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1.	2'7" x 7 1/2" x 3/4"	F151			4502.72	124.89	24.85	27.8	23.5		
2.	Sketch x 17/32	F1837			4646.57	125.71	19.3	27.1	29.		
3.	" x 1 3/32 "	"			4644.13	119.34	36.6	27.2	24.		

DP. 13/4/87

When a second test is applied, the result should be recorded immediately below the record of th. original test. The number of plates or bars included in a rejection must be clearly stated.

Fee ..... £ : :  
 Expenses £ : :  
 £ : :

To be paid by

  
 Surveyor, Lloyd's Register,  
 Glasgow  
 6.4.87