

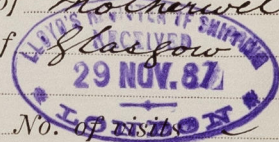
(Received at London Office,

TESTS OF BOILER STEEL.

Tests of 30 Steel plates ^{180 bars} manufactured by Messrs J Colville & Sons of Motherwell
for Boiler No. 82 to be constructed by Messrs J Colville & Sons of Glasgow
for —

Date first visit 18/11/87 last visit 20/11/87 No. of visits 2

The — specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 7 samples as set forth below,
and the temper and bending tests applied to each plate and
bar with good 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.	%	
	5-7 x 17 1/2 x 15/16	646		5014	.75	1.55	1.472	43.6	29.6	26.0	Rejected
	4-7 1/2 x 4 1/2 x 13/16	13190		5070	.81	1.52	1.231	36.3	29.4	26.0	
	4-7 x 17 1/2 x 9/16	9419		5652	.89	1.51	1.343	38.92	28.9	16.0	
	6-2 x 55 x 3/4	8903		4958	.75	1.55	1.162	33.25	28.6	27.0	
	Rivets 1 3/16	2209		44	1.19	dia	1.112	32.8	29.4	33.5	
	"			52	1.19	"	1.112	30.94	27.8	34.5	Rivets to be made by J. Miller of Glasgow.
	"			60	1.19	"	1.112	31.3	28.1	32.5	

Fee £ : :
Expenses £ : :
£ : :
To be paid by

29/11/87
J. Hand
Surveyor, Lloyd's Register,
Glasgow
26/11/87