

No. 969.

TESTS OF BOILER STEEL.

Tests of 310 Steel Plate manufactured by Messrs J. W. Beardmore of Parkhead
for Boilers Nos 285/12 to be constructed by Messrs John Elder & Co of Glasgow
for

Date first visit

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 samples as set forth below,
and the temper and bending tests

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.	%	
32	Top front plate	K155		1991	.84	1.21	1.016	29.11	28.8	29.	
33	Front tube plate	F153		1124	.68	1.23	.836	23.4	27.9	28.	
34	Wing fire box plates	W97		923	.46	1.46	.671	18.27	24.2	25	
35	" " "	B126		924	.45	1.46	.657	17.09	26.0	23	
36	Centre fire box top	A122		933	.44	1.54	.677	19.5	28.8	25	
37	Front tube plate	B126		1920	.7	1.3	.91	24.7	27.2	29.	
38	" " "	A147		1376	.69	1.23	.848	23.72	27.9	26.	

Fee £ : :

Expenses £ : :

£ : :

To be paid by The Steel Manufacturers

Surveyor, Lloyd's Register,

20.6.83

Glasgow

*M
Hawson*



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Foundation