

No. 3906.



TESTS OF BOILER STEEL.

Tests of 21 Steel Plate manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 940 to be constructed by Messrs Blair & Co of Stockton on Tyne for Messrs H. & Co. S. S. No 142.

Date first visit Sept. 23rd / 86 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 4 samples as set forth below, and the temper and bending tests to a shearing from each plate

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	Shell Butt Straps	H122		1025	.98	1.23	1.205	33.92	28.1	29.5	
2	Tube Plate	H90		1197	1.00	1.28	1.280	36.75	28.7	25.5	
3	Flame Box Sides	B727		1981	.58	1.95	1.131	33.10	29.2	28.0	
4	Manhole Door & Stiff Plate	2934		2183	1.14	1.39	1.584	45.20	28.5	30.0	

D.P.
4/10/19

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D.P. 4/10/86

Fee £ : :
Expenses £ : :
£ : :

To be paid by

Surveyor, Lloyd's Register, Glasgow
20.9.86