

No. 8648

(Received at London Office)

15 SEP. 88

TESTS OF BOILER STEEL.

Tests of 16 Steel plates manufactured by The Steel Co. of Scotland of Glasgow for Boiler No. 354 to be constructed by Messrs. Army & Co. of Dumbarton for (Str. ho. not given)

Date first visit 11/9/88 last visit 13/9/88 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 off each plate with satisfactory 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.	Brth.	Area.	Total	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	Shell	15/16 H.300		217	.98	1.28	1.254	34.9	27.8	28	
2	Straps	3/4 D.278		299	.77	1.17	.901	27.1	30.0	22	
3	Shell	15/16 D.277		301	.98	1.17	1.147	33.0	28.7	28	
4	Manhole pl.	A.269		4709	1.00	1.37	1.37	40.5	29.5	22.5	Cross piece

D.P. 17/9/88

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by



W. Robert
 Surveyor, Lloyd's Register
 Glasgow
 13/9/88

GLS213-0199