

1286.

(Received in London Office,

TESTS OF BOILER STEEL.

of 70 Steel plates manufactured by Messrs R. Colville & Co of Motherwell
 or Boiler No. 195 to be constructed by Messrs The Wallend Ship & E. Co of Wallsend
 or S.S. 20468 building by Messrs Armstrong Mitchell & Co

Date first visit 10/8/83 last visit 31/8/83 No. of Visits 5

The plates specified in the accompanying copy of Advice Notes were rolled from
 charges. The tensile test has been applied to 8 samples as set forth below,
 and the temper and bending tests to samples representative of
 each plate advised. All satisfactory.

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.		
5.2 x 11 3/4 x 7/8	L134		1033	.61	1.8	1.098	32.32	29.4	21.0	
7.8 1/2 x 12 1/2 x 7/8	F483		1310	.71	1.837	1.304	36.7	28.1	31.0	
5.5 x 10 1/2 x 3/4	L132		908	.732	1.63	1.193	23.47	28.0	21.0	
15.3 3/4 x 60 3/8 x 3/4	E458		2192	.814	1.475	1.2	22.6	29.6	21.0	
15.6 x 64 3/4 x 3/4	E463		3077	.734	1.66	1.219	35.2	28.8	22.0	
15.2 3/4 x 60 3/8 x 3/4	F493		3645	.826	1.83	1.511	41.44	27.4	29.0	
7.8 1/2 x 12 1/2 x 7/8	B913		3413	.86	1.674	1.439	42.6	29.6	25.0	
4.3 x 11 3/4 x 7/8	F490		3821	.614	1.26	.767	22.54	29.3	26.0	

£ : :
 Expenses £ : :
 £ : :

To be paid by Manufacturers

Chas. Edwards

Surveyor, Lloyd's Register

14/10/83

NWC 791-0048