

1382.

## TESTS OF BOILER STEEL.

ts of 13 Steel plates manufactured by Messrs H. Colville & Co of Motherwell  
for Boiler No. 195 to be constructed by The Wallend Ship & Eng. Co of Newcastle,  
for S.S. No. 468 building by Messrs Armstrong Mitchell & Co  
Date first visit 11/9/83 last visit 5/10/83 No. of Visits 2

The plates specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 2 samples as set forth below,  
and the temper and bending tests to samples representative of each  
plate advised. all of which proved satisfactory.

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	5.2 x 11 <sup>3</sup> / <sub>4</sub> x <sup>5</sup> / <sub>8</sub>	B923		909	.602	1.88	1.131	32.37	28.6	25.0	
2	8.2 x 30 <sup>1</sup> / <sub>2</sub> x <sup>1</sup> / <sub>2</sub>	E482		714	.497	1.39	.690	19.29	27.8	20.5	
M 5/11/83											

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To be paid by

Thos. Edwards  
Surveyor, Lloyd's Register  
Glasgow

NWCT91-0042

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