

No. 3221

(Received at London Office,



TESTS OF BOILER STEEL.

Tests of 9 Steel plates manufactured by *Steel Co. Scotland* of *Glasgow* for Boiler No. *784* to be constructed by *Riley Bros* of *Starkton* for *Miss McMillan's sailing ship No 268*.

Date first visit _____ last visit _____ No. of visits _____

The *9 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 *satisfactory*

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.		
	<i>12' 9 1/2" x 59" x 5/16"</i>	<i>A 533</i>	<i>184</i>	<i>315</i>	<i>117</i>	<i>369</i>	<i>10.65</i>	<i>28.8</i>	<i>20.</i>		
	<i>4' 8" dia. x 3/8"</i>	<i>A 576</i>	<i>812</i>	<i>425</i>	<i>117</i>	<i>497</i>	<i>13.</i>	<i>26.1</i>	<i>20.</i>		

Mc 13/1/86

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by



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John Sanderson
 Surveyor, Lloyd's Register
Glasgow
 11/1/86.