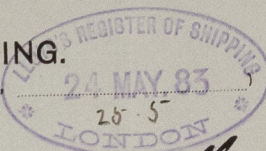


No. 872

(Received in London Office)



## TESTS OF BOILER STEEL.

Tests of 35 Steel plates manufactured by *W. D. Colville* of *Motherwell*  
for Boiler No. *—* to be constructed by *the Lond. & Glasgow* of *Glasgow*.  
for *S. S. Curfin*

Date first visit *6.4.83*. last visit *25.4.83*. No. of Visits *3*.

The steel plates specified in the accompanying copy of Advice Notes were rolled from  
*13* charges. The tensile test has been applied to *5* samples as set forth below,  
and the temper and bending tests to samples representing each of  
the plates advised, all of which proved 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. <i>Dimensions</i>
					Thickn.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	Comb. Chum	824	5	562	.445	1.965	.874	24.24	27.7	25.0	5'9" x 4'6" x 7/16"
2	Tube plates	8349	4	581	.61	1.352	.824	24.0	29.1	28.5	4'4" x 3'4" x 7/8"
3	Superheater shell	8350	3	753	.44	1.965	.864	24.24	28.0	27.0	11'11" x 6'3" x 7/16"
4	Shell	8394	3	1465	.538	1.4	.753	21.94	29.1	27.5	12'3" x 6'6" x 7/16"
5	outer tube plates	8357	1	1753	.67	1.81	1.212	34.41	28.3	28.0	17'2" x 5'3" x 7/16"

*24/5/83*

Fee ..... £ : :  
Expenses £ : :  
£ : :

To be paid by *W. D. Colville* of *Glasgow*

*CE Burney*  
Surveyor, Lloyd's Register,  
*23/5/83*