

TESTS OF BOILER STEEL.

Tests of 112 Steel ~~Stays~~ manufactured by Messrs Neilson Bros of Mossend for Boiler No. 200.1 to be constructed by "A Stephen & Sons of Glasgow for Wepelo building by the same firm

Date first visit Oct 10th last visit Oct 13th No. of Visits 2

The ~~Stays~~ specified in the accompanying copy of Advice Notes were rolled from 3 charges. The tensile test has been applied to 9 samples as set forth below, and the temper and bending tests to samples representative of each bar advised 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.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1.	2 1/2 dia	a189		1	.9		.636	16.75	26.3	28	
2.	"	"		3	.92		.665	19.1	28.4	24	
3.	"	16885		11	.91		.652	17.6	27.	28	
4.	"	"		14	.9		.636	18.	28.3	28	
5.	"	"		17	"		"	17.4	27.3	30	
6.	2 1/4	"		19	"		"	18.1	28.4	26	
7.	"	"		20	.89		.621	17.5	28.1	28	
8.	1 1/2	3945		5	.93		.649	18.3	27.	31	
9.	1 1/4	"		9	.915		.66	18.75	28.4	28	

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