



TESTS OF BOILER STEEL.

Tests of 136 Steel bars manufactured by Messrs Wm Beardmore & Co of Parkhead for Boiler No. 331 to be constructed by The Fairfield & Co Ltd of Glasgow for

Date first visit Sept 13th last visit Do No. of visits One

The _____ specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to eight samples as set forth below, and the temper and bending tests to a sample from each bar rolled. The 136 bars were cut from 71 bars rolled.

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.		
	2 3/8 dia	M158	56	Dia	1.01	.801	23.8	29.7	29		
	" "	"	60	"	"	"	22.45	28.	29		
	" "	"	72	"	"	"	23.	28.7	31		
	" "	D158	80	"	"	"	22.85	28.5	30		
	1/2 "	"	64	"	"	"	23.2	28.9	28		
	1 7/8 "	"	40	"	"	"	22.6	28.2	31		
	" "	"	48	"	.99	.769	21.6	28.	32		
	2 "	D119	30	"	1.01	.801	22.76	28.4	29	Ref 17.9.87	

Fee £ : :

Expenses £ : :

£ : :

To be paid by

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 Walter E. Robson
 Surveyor, Lloyd's Register
 Glasgow
 15/9/87