

No. 4237.

TESTS OF BOILER STEEL.

Tests of 130 Steel *pl.* manufactured by *The Steel Co Scotland* of *Blackburn*
for Boilers No. 201 to be constructed by *Harland & Wolff* of *Belfast*
for *P. & O. Liners*. *S.S. Oceana* Bel. Rep. No. 3402

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

The _____ specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 10 samples as set forth below,
and the temper and bending tests *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.	%	
	Back tube pl.	L350	9263	.75	122	915	24.2	29.7	26.		
	C. Cham.	Q219	2819	.57	123	695	20.4	29.3	24.		130 plates cut from 65 plates
	do	Q220	2915	.585	122	714	20.5	28.6	24.		
	Back tube pl.	E373	724	.76	129	98	26.85	27.3	22.		
	do.	F353	1371	.76	129	98	25.9	26.4	26.		
	C. Cham.	Q376	648	625	129	806	20.95	26.0	21.		
	do	F368	748	625	129	806	23.15	28.7	24.		
	Back tube pl.	E351	1667	.77	116	893	24.8	27.7	23.		
	do.	F356	1686	.715	115	822	24.2	29.4	21.		
	C. Cham.	L413	1833	.57	139	792	22.4	28.2	23.		
	Back tube pl.	K419	1412	.755	139	1049	30.05	28.6	23.		
	C. Cham.	B334	1466	.545	115	627	18.0	28.7	27.		
	do.	L411	1646	.555	131	727	20.8	28.6	23.		

Fee £ : :

Expenses £ : :

£ : :

To be paid by _____

John Sanderford

Surveyor, Lloyd's Register,

Glasgow

8/1/87

Pm 2-1-87