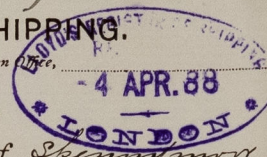S.S. "Beatrice" (Sunderland report No 14733)

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 1512

4 APR. 88
LONDON

TESTS OF BOILER STEEL.

Tests of 23 Steel plates manufactured by *Weardale Iron & Coal Co* of *Spennymoor*

for Boiler No. 322 to be constructed by *J. Dickinson* of *Sunderland*

for _____

Date first visit *March 31st 88* last visit _____ No. of visits *One*

The *plates* specified in the accompanying copy of Advice Notes were rolled from *Seven* charges. The tensile test has been applied to 8 samples as set forth below, and the temper and bending tests *have proved satisfactory.*
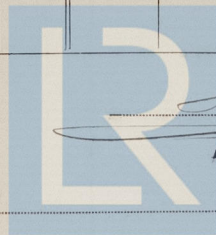
No.	Purpose.	Charge Mark.	No. of plates or bars in same charge	Mark on plate and test piece.	Dimensions.			Ultimate Stress.		Exten. in 8 ins.	Remarks.
					Thickn Ins.	Brdth. Ins.	Area. Ins.	Total. Tons.	Sq. Inch. Tons.	%	
	Comb. ch.	5037	2	✓	.52	1.50	.780	21.87	28.00	29.00	
	" "	5236	3	P.	.52	1.50	.780	21.42	27.40	27.00	
	" "	5032	1	Q	.60	1.50	.900	24.33	27.00	25.00	
	" "	4957	1	✓	.57	1.50	.855	21.10	28.10	26.00	
	Back Tube	5258	6	A	.71	1.50	1.065	28.57	26.80	26.00	
	Shell	5272	1	✓	1.32	1.50	1.980	54.70	27.60	26.00	
	End	" "	4	C.	1.11	1.50	1.665	47.33	28.40	24.00	
	" "	5276	5	C.	.79	1.51	1.192	33.71	28.20	27.00	

5.4.88

Fee ...... £ : :

Expenses £ : :

£ : :   To be paid by _____

Henri Wilkinson
Surveyor, Lloyd's Register,
West Hartlepool

SLD958-0314