

For the information of Surveyors and the Committee only.

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. Port.)

No 400 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron~~ Steel Forgings or Castings, as herein described, manufactured by Messrs Cammell Laird & Co of Sheffield for the Engines No. 1513 being constructed by Messrs Cammell Laird & Co of Birkenhead for the Ship No. ✓, being built by for The Great Western Ry Co of ✓ have been inspected by me as set forth below, and found to be, so far as can be seen, satisfactory.

John Mackintosh

Sheffield
25/9/06.

Lloyd's
Nos 110
111.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	2 PROPELLER SHAFTS
Material				Siemens Steel
How made				Forged
Dimensions				as under
Progress on inspection				rough forged
When inspected				31/8/06 to 21/9/06.

PARTICULARS OF TESTS APPLIED TO CASTINGS:-

Shaft (with collar) No 110 = 8½ dia. - 6464 F.

Tensile 29.0 tons per sq, 20% Elongation in 5"

Shaft No 111 = 8 dia : - 8215

Tensile 28.4 tons per sq, 31% Elongation in 5"

Bends 180° nB

Fee (if any chargeable) £

To be paid at

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Bessemer or the Siemens-Martin process.

006111-006125-0184

WEB FRAMES
brdth. & thickness
Body, No. and spacing

15 7 15 7
Jaw 30/4 Jaw 30/4

PARTITION
LONGITUDINAL