

SAT. 2 NOV 1895

Received at

Office.

18

Lloyd's Register of British and Foreign Shipping.

(Report on Machinery, No.

Port

No.

ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Iron or Steel Forgings or~~ Castings, as herein described, manufactured by Sir J. Whitworth & Co of Manchester for the Engines No. 384.536 being constructed by The Fairfield S.B. Co of Govan for the Ships No. 384.536, being built by The Fairfield S.B. Co of Govan have been inspected by me as set forth below, and found to be, so far as can be seen, sound.

3 High pressure piston castings.
3 Intermediate "
3 Low "

Mark on Forgings.

Lloyd's

No.

J.W. Dimmock.

21/6/95.

	CRANK SHAFT. PISTONS.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material * -	<u>Siemens-Martin</u>	/	/	/
How made -	<u>cast steel</u>			
Dimensions -	<u>✓</u>			
Progress on Inspection	<u>cast</u>			
Dates when Inspected	<u>16/3 to 17/6</u>			

PARTICULARS OF TESTS APPLIED TO CASTINGS:

Tests:-	Sensile	Elongation	Bend	Drop.
<u>A.P.</u> { 2106 2108 2130	29.5 tons 27.2 26.5	14% 14 1/2% 18	134° 134° 115°	
<u>I.P.</u> { 2111 2126 2146	28.0 27.2 28.1	20 25 25	134° 105° 90°	8 ft 8 8
<u>L.P.</u> { 2116 2127 2132	30.8 27.0 28.5	20 1/2 20 25	136° 115° 114°	8 8 8

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