

S S "Bayzelgette"

Lloyd's Register of British and Foreign Shipping.

(Received in the London Office.....)

P.

No. *37*

REPORT ON ENGINE FORGINGS.

Sir,
Steel Castings
I beg leave to report that the ~~Forgings~~, as herein described, manufactured by *The Bannockburn Steel Co. Ltd* of *Barras* for the Engines No. *152* being constructed by *The Brio Ship Bldg Co. Ltd* of *Barras* for the Ship No. *152*, being built by *James Finnie* of *Leith* have been inspected by me in course of being ~~forged and turned~~ *cast & tested*, and found to be, so far as can be seen, *Satisfactory, as selfport below!*

| Purpose | Diameter | Area sq inches | Ultimate Stress. | | Elongation in 8" | Bending Tests. |
|--|----------|-------------------|-------------------------|-------------------------|---------------------|--|
| | | | Total | Tensile | | |
| Bosses for Propeller Shaft Brackets. - | 1 1/3 | 1 | 29.46 and 28.92 Tons | 29.46 and 28.92 Tons | 13.5 and 12.0 | Pieces placed 1/4 Square bent to 80 degrees Signs of Fracture. |

Mark on Forging.

Lloyd's
No. *37*.
M. 4-67.

I am, Sir,

Your Obedient Servant,

P. Ritchie.

Barras.

The Secretary,
London.

| | CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|-----------------------------------|--------------|--------------------|----------------------|------------------|
| | | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material* - - - | | | | |
| How made - - - | | | | |
| Dimensions - - - | | | | |
| Progress on In- spection - - - | | | | |
| Dates when In- spected - - - | | | | |

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