

For the information of Surveyors and the Committee only.

Received at

Office

TUES. 16 OCT 1896

# Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. \_\_\_\_\_ Port \_\_\_\_\_)

## No. 1687 ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the ~~Iron or~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by Messrs The Tipton Forge Co of Smethley for the Engines No. 317 being constructed by Messrs Crabtree & Co of St. Yarnworth for the Ship No. \_\_\_\_\_, being built by \_\_\_\_\_ of \_\_\_\_\_ have been inspected by me as set forth below, and found to be, so far as can be seen, sound & free from defects

on Forgings.

Lloyd's

No. 1769

ATC

A. J. Graham

Leith

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	Ingot steel	Ingot steel		Ingot steel
How made	Forged & machined	Forged		Forged
Dimensions	7 1/2" dia	7 1/2" dia		7 3/4" dia
Progress on inspection	rough turned & finished	black forged		black forged
Tested when inspected	23.3/5/06, 4.25/9/06, 5.9/10/06	25/9/06		25/9/06

PARTICULARS OF TESTS APPLIED TO FORGINGS & CASTINGS:-

TENSILE

EXTENSION

BEND

Crust & propeller shafts	27.2	43%	good
Crust shaft coupling	29.5	38%	good
pins & bolt pins	29.1	41%	good.

used

Fee (if any chargeable) £

: 8:0

To be paid at Leith

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