

THUR. 20 SEP 1806

Received at _____ Office, _____ 190

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. _____ Port _____)

No. 1669. ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs The Tide Forge Co Ltd of Sinclairtown for the Engines No. 294 being constructed by Messrs Crabtree & Co. of Yarmouth for the Ship No. 91, being built by Messrs The Goole S B Co Ltd of Goole have been inspected by me as set forth below, and found to be, so far as can be seen, sound & free from defects

rk on Forgings.

Lloyd's
No. 1749
ATG

H J Graham
Leith

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<u>Ingot Steel</u>	<u>Ingot Steel</u>	<u>Ingot Steel</u>	<u>Ingot Steel</u>
Made	<u>Forged & machined</u>	<u>Forged & machined</u>	<u>Forged & machined</u>	<u>Forged & machined</u>
Dimensions	<u>7 3/8 dia</u>	<u>7 3/8 dia</u>	<u>7 1/8 dia</u>	<u>7 3/4 dia</u>
Process on section	<u>rough turned</u>	<u>rough turned</u>	<u>rough turned</u>	<u>rough turned</u>
When finished	<u>18.25/6/06. 3/7/06</u>	<u>14.17/21/5/06 12.18/9/06</u>	<u>14/8/06. 17.21/5/06. 10.18/9/06</u>	<u>3/8/06. 14/8/06. 18/9/06</u>
Inspected	<u>3/8/06. 14/8/06</u>	<u>14.17/21/5/06 12.18/9/06</u>	<u>14/8/06. 17.21/5/06. 10.18/9/06</u>	<u>3/8/06. 14/8/06. 18/9/06</u>

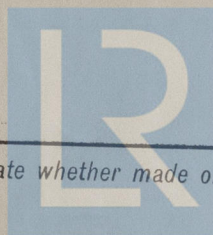
PARTICULARS OF TESTS APPLIED TO ~~FORGINGS~~ CASTINGS:-

	TONS PER SQ IN.	EXTENSION	BEND
<u>crank shaft coupling</u>	<u>30.0</u>	<u>36%</u>	<u>good</u>
<u>propeller shaft</u>	<u>28.5</u>	<u>36%</u>	<u>good</u>
<u>intermediate shafts</u>	<u>31.9</u>	<u>39%</u>	<u>good</u>
	<u>27.6</u>	<u>38%</u>	<u>good</u>

Fee (if any chargeable) £ _____

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.



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W744-0071