

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 15050

Port

Middlesbrough

No. 1873

ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Forgings or~~ Castings, as herein described, manufactured by Messrs Blackett Hutton & Co. Ltd. of Guisborough for the Engines No. being constructed by Messrs Smiths Dock Co. Ltd. of South Bank-on-Tees for the Ship No., being built by that company.

have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. These have been despatched to Messrs Smiths Dock Co's works.

on Forgings or Castings.

Lloyd's

No. 1873

FC 29.9.33

L.P. piston

M.P. piston

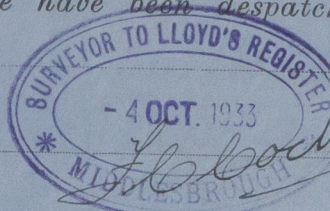
4 reversing levers

Ratcheted wheel

Key for tailshaft and 4 Bodies

11 Branch pieces

7 Branch pieces



	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	S. M. Acid, Open Hearth Steel.			
made ...	Castings	Castings	Castings	Castings
annealed ...	Yes	Yes	Yes	Yes
ensions, Forgings	✓	✓	✓	✓
ht, Castings ...	←	1 8	2 10	→
ress on } spection }	Rough castings	Rough castings	Rough castings	Rough castings
ts on Standard Test Pieces.				
ile Test— ns per square inch ...	33.2	31.2	30.8	33.2
tension per cent ...	27	30	26	27
Bending Test— gle before fracture ...	120°	120°	120°	120°
when Inspected	←	29. 9. 33		→

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Castings hammered and found sound.

(if any chargeable) £ Nil To be paid at

If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.