

For the information of Surveyors and the Committee only.

Received at

Office,

16

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

No. 2688

ENGINE FORGINGS OR CASTINGS.

I have to report that the Iron ~~or~~ Steel Forgings ~~or~~ Castings, as herein described, manufactured by James & Co. Ltd. of London for the Engines No. 151 being constructed by J. Lewis & Sons of Aberdeen for the Ship No. 70, being built by J. Lewis & Sons. of Aberdeen have been inspected by me as set forth below, and found to be, so far as can be seen, Satisfactory.

Forgings or Castings.

Lloyd's

No. 860

J.H.M.

John Mackenzie

London

20/3/19.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<u>Steel</u>	<u>Steel</u>	/	<u>Crab Iron</u>
Grade	<u>Forged</u>	<u>Forged</u>		<u>Forged</u>
Dimensions	<u>4 3/4"</u>	<u>4 3/4"</u>		<u>8 3/4"</u>
Section	<u>Large to finish</u>	<u>Black forging</u>		<u>Black forging.</u>
on Standard st Pieces.	<u>End Piece</u> <u>Wets</u>			
Test— per square inch	<u>31.4 31.6 33.0 28.6</u>	<u>29.8</u>		✓
ension per cent	<u>2.0 26.0 30.0 36.0</u>	<u>28.0</u>		✓
tending Test— e before fracture	<u>180° 180° 180° 180°</u>	<u>180°</u>		✓
When Inspected	<u>24/1/19 to 2/3/19</u>	<u>18/12/18</u>		<u>18/12/18</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £

To be paid at

of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.

T.

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Foundation

W338-0083

thickness of girder at centre 10 5/8 dms Length as per rule 29 5/8 Distance apart 11 1/2 Number and pitch

J. Lewis. Son No. 70 Vessel
S. P. "Hammaker"

brank, wheel, & tail shafts



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