

For the information of Surveyors and the Committee only.

Received at

Office,

10

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

No. 15451 ENGINE FORGINGS OR CASTINGS.

I have to report that the Iron or Steel Forgings or Castings, as herein described, manufactured by Shields Eng Coy Ltd of h Shields for the Engines No. 514 being constructed by them ~~off~~ ss "Lithium" for the Ship No. 729, being built by Cochran & Sons of Billy have been inspected by me as set forth below, and found to be, so far as can be seen, sound

on Forgings or Castings.

Lloyd's

No. 2552

W.R.A.

Wm R Austin

Newcastle-on-Tyne.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<u>S.I.</u>	<u>S.I.</u>		<u>S.I.</u>
How made	<u>Forged & Milled</u>	<u>Forged</u>		<u>Forged</u>
Dimensions	<u>7" dia</u>	<u>7" dia</u>		<u>7 3/4" dia</u>
Progress on Inspection	<u>Length & finished</u>	<u>Length & finished</u>		<u>Length & finished</u> <u>Continuous Run</u>
Tests on Standard Test Pieces.				
On-site Test—				
Tons per square inch				
Extension per cent				
Cold Bending Test—				
Angle before fracture				
Dates when Inspected	<u>9/12/16.</u>	<u>1/2/17</u>		<u>23/1/17</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £
To be paid at

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