

## Lloyd's Register of British &amp; Foreign Shipping.

(Report on Machinery, No. 34565 Port

GLASGOW)

No. *A3438* ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Iron or Steel Forgings or~~ Castings, as herein described, manufactured by *The National Steel Fdy L<sup>d</sup> of Leven* for the Engines No. *612* being constructed by *J. Rowan & Co L<sup>d</sup>* of *Glasgow* 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*.

Mark on Forgings or Castings.

Lloyd's

No. *9054956**18/1*  
*61**W. Dennis Leck.**Leith**2 Propeller blades.*

CRANK SHAFT.

STRAIGHT SHAFTING.

THRUST SHAFT.

INTERMEDIATE SHAFTS.

PROPELLER SHAFT.

Material\* ...

*Tropenus Steel.*

How made ...

*Cast*

Dimensions ...

*(propeller 14'6" dia)*Progress on }  
Inspection }*After cleaning*Tests on Standard  
Test Pieces.*(905) (456)*

Tensile Test—

Tons per square inch ...

*29.0 30.0*

Extension per cent ...

*26 29*

Cold Bending Test—

Angle before fracture ...

*120° good.*

Dates when Inspected

*16/3. — 5/5/14*

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

*Castings hammered & found satisfactory*

Fee (if any chargeable) £

To be paid at



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Foundation

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

W. Rowan & Co

612



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