

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_ Port \_\_\_\_\_)

No. 4916

## ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or~~ Steel Forgings or Castings, as herein described, manufactured by Messrs. W. Beardmore & Co. Ltd. of Airdrie, for the Engines No. 556 being constructed by Messrs. W. Beardmore & Co. of Coatbridge for the Ship No. 15, being built by Dublin Dockyard Co. of Dublin have been inspected by me as set forth below, and found to be, so far as can be seen, sound.

1. 9. 20.

(Sgd) J. DALE.

GLASGOW.

Mark on Forgings or Castings.

Lloyd's

No. 4916

J.D.

## CRANK SHAFT.

## STRAIGHT SHAFTING.

	THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	S.M. Ingot Steel		S.M. Ingot Steel
How made ...	Forged		Forged
Dimensions ...	7 $\frac{3}{4}$ " dia.		8 $\frac{5}{8}$ " dia.
Progress on { Inspection }	Forging & Machining.		Forging & Machining
Tests on Standard Test Pieces.			
Tensile Test— Tons per square inch	30.4		30.4
Extension per cent	35%		35%
Cold Bending Test— Angle before fracture	180		180
Dates when Inspected	1. 9. 20.		1. 9. 20.

## PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The collars were turned off the above thrust shaft, it was then used as an intermediate shaft. These two shafts have been fitted in the M.V. "Port Waikato" H. Robb's Yard No 113.

John Houston 32 cwt.

Leith 21/12/29

Fee (if any) chargeable £ Nil.

To be paid at

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