

# Lloyd's Register of Shipping.

(Report on Machinery, No.

Port Manchester

No.

## ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the ~~Iron or~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by The Darlington Forge Ltd. of Darlington. for the Engines No. 43 being constructed by Manchester Drydock & Eng. Co of Manchester 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.

Lloyd's

No. 3363D

MR.

M. Robertson

Darlington. 23-12-19

## CRANK SHAFT.

## STRAIGHT SHAFTING.

## THRUST SHAFT.

## INTERMEDIATE SHAFTS.

## PROPELLER SHAFT.

* Material * ...	S.M. Ingot Steel		
How made ...	Forged.		
Dimensions ...	6 1/2 dia.		
Progress on Inspection ...	Forged & rough machined		
Tests on Standard Test Pieces.			
Tensile Test—			
Tons per square inch ...	Test 444A - 31-0		
Extension per cent ...	32-0		
Bending Test—			
Angle before fracture ...	18.0		
Dates when Inspected	13-12-19. 23-12-19		

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.

11.23. T.

Date of Test

Diameter of Safety Valve

Is a Safety Valve fitted to each Section of the Superheater which can be shut off from

003106-003115-0146

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Foundation