

# Lloyd's Register of Shipping.

(Report on Machinery, No.

Port *Southampton*)

## 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. *388* being constructed by *Day Summers & Co Ltd* of *✓* 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.*

Report on Forgings or Castings.

Lloyd's

No. *3923D*  
*MR*

*M. Robertson*

*Darlington 21-7-21*

### CRANK SHAFT.

### STRAIGHT SHAFTING.

#### THRUST SHAFT.

#### INTERMEDIATE SHAFTS.

#### PROPELLER SHAFT.

Material* ...				<i>S. M. Ingot Steel</i>
How made ...				<i>Forged</i>
Dimensions ...				<i>8" dia</i>
Progress on { Inspection }				<i>Forged rough Mach'd</i>
Tests on Standard Test Pieces.				
Tensile Test—				<i>Test 458 • 29.6</i>
Tons per square inch ...				<i>29.0</i>
Extension per cent <i>3</i>				<i>180</i>
Cold Bending Test—				
Angle before fracture ...				
Dates when Inspected				<i>19.7.21 - 20.7.21</i>

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.