

For the information of Surveyors and the Committee only.

Received at

Office

19

# Lloyd's Register of Shipping.

(Report on Machinery, No. 4651

Port

Manchester)

## No. 21644. ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Metropolitan Frick's S. Co. of Manchester for the Engines No. 1780/1 being constructed by Wm. & A. R. Richardson & Co. of Manchester for the Ship No. 1026, being built by Wm. & A. R. Richardson & Co. of Manchester have been inspected by me as set forth below, and found to be, so far as can be seen, sound.

*A. Campbell*

MANCHESTER

7-9-20.

Lloyd's

4590 & 4591.

CRANK SHAFT.

STRAIGHT SHAFTING.

THRUST SHAFT.

INTERMEDIATE SHAFTS.

PROPELLER SHAFT.

*S.M. Ingot. Tail  
Forged*

*Finished*

Standard  
Spec.

*4590 4591.*

Diameter  
inch

*34.9 38.18.*

Weight  
per cent

*81.0 80.0.*

Twisting Test—

*180° 180°*

Time to fracture

Time Inspected

*16.20 14.6.20.*

*26.6.20.*

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(if any chargeable) £

To be paid at

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

Working pressure by tests

Thickness of shell plates

Material

Description of longitudinal joint

Diameter of rivet holes



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Foundation

WJ3-0209