

For the information of Surveyors and the Committee only.

Received at ..... Office, ..... 19 .....

# Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. .... Port *Glasgow.* .....

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 Co. Ltd. of Darlington* for the Engines No. *579* being constructed by *Messrs. Wm. Simons & Co. Ltd.* of *Renfrew* for the Ship No. ...., being built by *J. S. Sandgrouse* of ..... have been inspected by me as set forth below, and found to be, so far as can be seen, *Sound & free from defects*

on Forgings.

Lloyd's

No. *665D*

*E.C.*

*Frank Cook*

*Darlington*

Pump Engine CRANK SHAFT.		STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<i>Siemens steel</i>			
Made	<i>Forged</i>			
Dimensions	<i>9 1/4 dia</i>			
Process on inspection	<i>Forged &amp; finished</i>			
Inspected when	<i>1/2/11 to 6/3/11</i>			

PARTICULARS OF TESTS APPLIED TO CASTINGS: *forgings*

	Tons per Sq. In.	On ..... In Inches.	Bond
<i>Crank webs</i>	<i>30.6</i>	<i>34.3%</i>	<i>180'</i>
<i>do bodies</i>	<i>31.4</i>	<i>33.3%</i>	<i>180'</i>
<i>do pins</i>	<i>30.8</i>	<i>33.3%</i>	<i>180'</i>



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 Bessemer or the Siemens-Martin process.

W1581-0051



© 2021

Lloyd's Register Foundation

*Mr. Blakes*