

For the information of Surveyors and the Committee only.

Received at

Greenock Office, 20 June 1913.

## Lloyd's Register of British &amp; Foreign Shipping.

(Report on Machinery, No.

Port

Greenock.)

No. 2175.

## ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs. Burmeister & Wain of Copenhagen for the Engines No.  $\frac{1}{2}$  3,  $\frac{1}{4}$  4, or  $\frac{1}{5}$  5 being constructed by Messrs. John G. Kincaid & Co. of Greenock for the Ship No.  $\checkmark$ , being built by  $\checkmark$  of  $\checkmark$

have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects.

4 intermediate shafts.

on Forgings or Castings.

Lloyd's R

No. 3095, 3096, 3097, 3098

4-13-A.F.P.

Copenhagen, 16<sup>th</sup> June 1913.

A. O. Frebeck.

SURVEYOR TO LLOYD'S  
REGISTER OF SHIPPING

	CRANK SHAFT.	STRAIGHT SHAFTING		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material ...	/		Annealed S.M.I. Steel	
Made ...			Hydraulic forged.	
Dimensions ...			Diam. $13\frac{3}{8}$ "	
Process on inspection			Forged & finished.	
Tests on Standard Test Pieces.				
Wear Test—			28.6, 28.9, 31.6 & 31.7	
Loss per square inch ...			40.2, 41.1, 39.8 & 38.2	
Extension per cent ...			good.	
Bending Test—			$\frac{3}{2}$ , $\frac{27}{12}$ , $\frac{14}{13}$ , $\frac{4}{1}$ , $\frac{9}{4}$ , $\frac{16}{1}$ , $\frac{29}{13}$	
Angle before fracture ...				
When Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £1. 153. 60  
To be paid at Copenhagen.

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

T.T.



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Foundation

W220-0042