

For the information of Surveyors and the Committee only.

Received at Greenock Office 24th June 1913.

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. _____ Port _____)

No. 2180. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs. Bruun & Wain of Copenhagen for the Engines No. 403, 404, 405 being constructed by Messrs. John G. Kincaid & Co. of Greenock 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 and free from defects.

3 intermediate shafts.

Mark on Forgings or Castings.

Copenhagen, 18th June 1913.

Lloyd's R
No. 3103 3104 3105
S-13 A.F.Q.

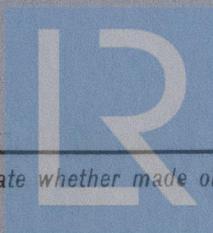
A.O. Fruech.
SURVEYOR TO LLOYD'S

	CRANK SHAFT.	STRAIGHT SHAFTING		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	/		<u>Annealed S.M.S. Steel</u>	
How made			<u>Hydraulic forged.</u>	
Dimensions			<u>Diam. 13 3/8"</u>	
Progress on Inspection			<u>Forged & finished</u>	
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch				<u>29.3, 30.2 & 29.6</u>
Extension per cent				<u>40.7, 41.9 & 40.7</u>
Cold Bending Test— Angle before fracture			<u>good.</u>	
Dates when Inspected			<u>11/3, 21/3, 4/4, 7/4, 21/4, 15/10.</u>	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £1. 11s. 2d
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.



© 2019

Lloyd's Register Foundation

W220-0043