

For the information of Surveyors and the Committee only.

Received at

Office

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# Lloyd's Register of Shipping.

(Report on Machinery, No. 18070

Port *Lth*)

## No. 5483. 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. *338* being constructed by *Messrs. Mac. Coll & Pollock* of *Sunderland* for the Ship No. *11*, being built by *Messrs. Harmer Shipbuilding & Ship Repairing Co.* of *Bideford, Devon* have been inspected by me as set forth below, and found to be, so far as can be seen, *sound and free from defects.*  
*Two intermediate shafts.*

on Forgings or Castings.

Lloyd's

No. *7053*

*7054.*

K *25.3.24.*

*Copenhagen, 14<sup>th</sup> May 1924.*

*M. Hansen.*

SURVEYOR TO LLOYD'S

	CRANK SHAFT.	STRAIGHT <del>REGISTER OF SHIPPING</del>		
		THRUST SHAFT.	2 INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material ...	/		<i>Annihilated S. &amp; I. Steel.</i>	
made ...			<i>Hydraulic forged.</i>	
ensions ...			<i>Diam. 8 1/8"</i>	
ress on { inspection }			<i>Forged &amp; rough turned.</i>	
ts on Standard Test Pieces.			<i>No. 7053. No. 7054.</i>	
ile Test—			<i>29.0, 30.6</i>	
ns per square inch ...			<i>39.8, 38.8</i>	
ension per cent <i>2"</i>			<i>good.</i>	
Bending Test—			<i>11/3, 19/3, 20/3, 21/3, 25/3, 24.</i>	
gle before fracture ...				
s when Inspected				

### PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

*One length of shafting (N° 7053) used for contract N° 748. E.A. 1/10/26.*

*One length of shafting (N° 7054) used for Contract N° 374.*  
*MARK. LLOYD'S N° 7054 T.D.S. 1-7-31.*

Fee (if any chargeable) *£1. 80. 00.*

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.

002222-002228-0018