

Sept. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 39990 Port GLASGOW
"Dorackshire")

No. 3992

ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs J. Lorth & Sons Ltd of Sheffield for the Engines No. 578 being constructed by Messrs Harland & Wolff of Glasgow 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, satisfactory

Mark on Forgings or Castings.

Lloyd's
No. See below
(5) (30.9)

W.B. Hume J. Springle
Sheffield 14/10/19

	CRANK SHAFT.		STRAIGHT SHAFTING.			
			3 INTERMEDIATE SHAFTS.	2 PROPELLER SHAFT.		
Material*	/		<u>Remains steel</u>			
How made			<u>Forged</u>			
Dimensions			<u>Rough turned</u>			
Process on inspection			<u> Lloyd's numbers</u>			
Tests on Standard Test Pieces.			<u>3970</u>			
Tensile Test—	981		982	3949	3950	
Tons per square inch	316, 31.2		31.4, 31.8	31.0	31.6	32.8
Extension per cent	36.0, 36.0		33.0, 35.0	33.0	32.5	33.0
Cold Bending Test—	180° 180°		180° 180°	180°	180°	180°
Angle before fracture	180° 180°		180° 180°	180°	180°	180°
Tests when Inspected			<u>16/9/19 to 14/10/19</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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 Open Hearth process.

M. Easthope.



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Lloyd's Register Foundation

W1647-0200

W1647-0201

Diameter of Safety Valve