

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_)

Port Newport (Iris)

## No. 7318 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron~~ Steel Forgings or Castings, as herein described, manufactured by Messrs Robner S. B. & P. Co of Stockton for the <sup>Hopper</sup> Engines No. \_\_\_\_\_ being constructed by Messrs R. Roger & Co Ltd of Stockton for the Ship No. 379, being built by Messrs The Ironworks S. B. Co of Shepston have been inspected by me as set forth below, and found to be, so far as can be seen, sound and good.

7 Barrel shafts 6 1/2 dia: 2 worm shafts 3 1/2 dia: 1 guide spindle 6 7/8 diam  
2 guide spindles 5 1/2 dia: 2 guide spindles 4 3/4 dia: 7 locking bars 4 3/4 x 4 3/4

on Forgings or Castings.

Lloyd's  
 No. 7318  
 W.M.

W. Morrison  
Middlesbrough

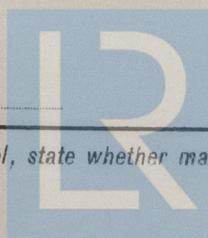
	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	* See below	/		
Made	Forged			
Dimensions	See above			
Finish on section	Rough forged			
Test on Standard Test Pieces.				
Tensile Test— per square inch	29.1 - 29.8			
Elongation per cent <u>4</u> "	35 - 37			
Bending Test— before fracture	180° - 180°			
When Inspected	Jan 6. 12 x 16: Feb 14 March 2 - 1922			

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

\* Open hearth basic steel supplied by Messrs Dorman Long & Co Ltd (Port-blanc works) Cast No. 48.

Charge (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.



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