

## Lloyd's Register of Shipping.

(Report on Machinery, No. 20958 Port Sunderland)No. \_\_\_\_\_ ENGINE ~~FORGINGS OR CASTINGS~~.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs J. Summerson & Sons Ltd of Darlington for the Engines No. \_\_\_\_\_ being constructed by

of S.S. Caithness for the Ship No. \_\_\_\_\_, being built by

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

Mark on Forgings or Castings.

Lloyd's  
No. 10 D  
D.D.W.

D. D. Williamson  
Darlington

	CRANK SHAFT. 6. Y. Pieces 2 Valve Chest & Cover 2 " " Covers FLYWHEEL SHAFT.	THRUST SHAFT. 2 Main Steam 1 Main Stop & Reversing 1.4 Way Piece	INTERMEDIATE SHAFT. 2 Main Steam 1 Main Stop & Reversing 1 Reversing Piece	SCREW SHAFT.
Material* ...	<u>Steel</u>			
How made ...				
Annealed ...				
Dimensions, Forgings	<u>Left &amp; Hammered</u>			
Weight, Castings				
Progress on Inspection				
Tests on Standard Test Pieces.	<u>Left 461</u>	<u>Left 462</u>		
Stress Test—				
Tons per square inch	<u>27-4</u>	<u>28-1</u>		
Extension per cent	<u>22-0</u>	<u>32-0</u>		
Bending Test—	<u>120</u>			
Angle before fracture				
When Inspected	<u>20-4-32</u>	<u>29-4-32</u>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) \* QuarterlySteelTo be paid at Darlington

\* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.

10m, 10, 30.

WS14-0023

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Lloyd's Register  
Foundation