

Rpt. 7. For the information of Surveyors and the Committee only.

Received at Office, 19

Lloyd's Register of Shipping.

(Report on Machinery, No. 89348 Port Newcastle)

No. ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The Darlington Forge Ltd of Darlington for the Engines No. being constructed by

of for the Ship No., being built by

S.S. Ambassador 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. These have been despatched to

Report on Forgings or Castings.

Lloyd's
No. 109 D
D.D.W.

D.D. Williamson

Darlington

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.	HP & MP Piston Rods		SCREW SHAFT.
Material* ...	S.M. Ingot Steel			
made ...	Forged			
annealed ...	Yes			
Dimensions, Forgings	7 3/4" dia			
Weight, Castings	Forged & Lathed			
Progress on Inspection	Lts			
Tests on Standard Test Pieces.	932 934			
Stress Test—	35.2 36.0			
Tons per square inch	30.5 33.0			
Extension per cent	3			
End Bending Test—	180			
Angle before fracture	6-10-32 6-7-10-32			
Tests when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ 1-1-0

To 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.

Om. 1.30.

W426-0212

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