

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

No. 2876

ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by J. Carmichael & Co. Ltd of Dundee for the Engines No. 287 being constructed by A. Hall & Co. Ltd of Aberdeen for the Ship No. 465, being built by J. Guthrie & Co. of Aberdeen have been inspected by me as set forth below, and found to be, so far as can be seen, Sound. (Black Forgings)

Mark on Forgings or Castings.

Lloyd's
No. 1009/010
J.E.S.

J. Seller

Dundee 15/8/24.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		1 THRUST SHAFT.	INTERMEDIATE SHAFTS.	2 PROPELLER SHAFTS
Material* ...	/	S. M. L.	/	S. M. L.
How made ...		Forged		Forged
Dimensions ...		8 1/8"		8 7/8"
Progress on Inspection {		Black Forged		Black Forged
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch ...		33.0		30.6
Extension per cent ...		34%		35%
Cold Bending Test—				
Angle before fracture ...		180°		180°
Dates when Inspected		24-7-24		21-7-24.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Examined Thrust Shaft finished 8 1/8" dia under collar
Stamped 1009 A.C.E.W. 11-9-24

Fail Shaft examined finished with Con Liner 8 7/8" Stamped 1009 A.C.E.W. 11-9-24

Spare Fail shaft examined finished with Con Liner 8 7/8" Stamped 1010 A.C.E.W. 6-10-24.

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.

A. Hall & Co

Engines N^o 289

Thrust & Propeller Shafts
(2)

Examined finished

Thrust Shaft 11-9-24

Tail Shaft (Working) 11-9-24

Tail Shaft (Spare) 6-10-24

S.S. "CHRISTINA FRASER"

Abn. Rpt. N^o 13897



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Lloyd's Register
Foundation

16-8-24
CEW