

23 AUG 1933

London Report No. 99177

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. F 3595 ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs Mitchell Shackleton & Co Ltd of Manchester for the Engines No. R 7901 being constructed by Messrs Plenty of Newbury for the Ship No. 324, being built by

Scotts

of Bowring

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

Newbury

Mark on Forgings or Castings.

Lloyd's A

No. 3346-3347-3348

GA 28-7-33

10-8-33

George Anderson & Harry McQueen

Manchester
21/8/33

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	FLYWHEEL SHAFT.	SCREW SHAFTS.
			N ^o 3348		N ^o 3346-3347
Material* ...			O.H. Engst steel		O.H. Engst steel
How made ...			Forged		Forged
If Annealed ...			Yes		Yes
Dimensions, Forgings			4" dia		4 1/2" dia
Weight, Castings			✓		✓
Progress on { Inspection }			Forged		Forged
Tests on Standard Test Pieces.					3346 3347
Tensile Test—			31.6		29.8 28.8
YIELD Tons per square inch			18.2		18.2 20.0
Extension per cent			30.0		32.0 34.0
Cold Bending Test—			180°		180 180
Angle before fracture					
Dates when Inspected			24.4.33		10.8.33

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Examined finished
& stamped thus

Profr Shaft

Lloyd's
3347
9A 10/8/33
SAL 12/9/33

Profr Shaft

Lloyd's
3346
9A 28/7/33
9AL 12/9/33

Dist Shaft

Lloyd's
3348
9A 10/8/33
9AL 12/9/33

Fee (if any chargeable) £ 1-11-6

To be paid at Manchester

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

10m. 3.20.

Note. See Horn tube finished 4/8/33 Length of beam 33 1/2" 9A

011800-011804-0333

Cubic capacity of each

Internal diameter