

Built at

Belfast

By whom built

Wigham Clark & Co. Ltd

Yard No.

13079

7.

For the information of Surveyors and the Committee only

-1 AUG 1933

Received at

Office

10

Lloyd's Register of Shipping.

(Report on Machinery, No. 7942

Port

Mch.

No 23802

ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The English Steel Corporation Ltd of Sheffield for the Engines No. D. 49060 being constructed by The Metro-Vickers Electrical Co. Ltd of Manchester for the Ship No. _____, being built by _____ 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 _____

on Forgings or Castings.

Lloyd's

No. 697

M.R.B. 16/5/33.

M. A. Black.

Sheffield

19/5/33.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	1 Coupling	1 Half Cover	1 Pinion	
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	Siemens	Steel	Nickel Steel	
made ...		Forged		
unsealed ...		Yes		
Dimensions, Forgings	Dia 21 $\frac{3}{16}$ "	Dia 23 $\frac{3}{4}$ "	Dia 6 $\frac{1}{4}$ "	
Weight, Castings				
Progress on { Inspection }	Rough		Machined	
Tests on Standard Test Pieces.	58911	58912	B.L. 58914 T.X.	
Yield Test—	30.7	30.9	45.3	45.0
Tons per square inch	16.5 ³	15.15 ³	36.0 ²	35.0 ²
Extension per cent	35.0 ³	35.0 ³	26.0 ²	19.0 ²
Bending Test—	180 W.F.	180 W.F.	180 W.F.	180 W.F.
Angle before fracture				
As when Inspected	3/5/33	To	16/5/33	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Forgings examined after machining & found satisfactory.
Stamped as above, date 9 A.S.

(if any chargeable) £ -

To be paid at -

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

L329.

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Lloyd's Register
Foundation

W236-0072