

18 AUG '934

Received at

Office.

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 54691 Port GLASGOW)No. 1412 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by J. Folkes of Leeds for the Engines No. 187 being constructed by Messrs. Archibald Blair & Co. of Glasgow 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 _____

Mark on Forgings or Castings.

Lloyd's

No. 9384I.P. 23/1/34J. R. Mingle
Sheffield

10/2/34

	CRANK SHAFT.		THRUST SHAFT.		INTERMEDIATE SHAFT.		TUBE SHAFT.		FLYWHEEL SHAFT.		SCREW SHAFT.	
	6 Crank Webs, 1 aft end, 2 Journals, 1 Fwd end, 3 Crank Pins, 3 Cow Rods, 3 Piston Rods											
Material* ...	Siemens						Steel					
How made ...	Forged						Yes.					
If Annealed ...												
Dimensions, Forgings	✓		✓		✓		✓		✓		✓	
Weight, Castings	✓		✓		✓		✓		✓		✓	
Progress on { Inspection }	Rough						Machine					
Tests on Standard Test Pieces.	3, 4,	5,	5,	5,	6,	6,	7, 8,	9,	10.			
Tensile Test—	29.6	29.52	29.88	29.88	29.6	29.6	29.2	29.6	29.4	30.8		
Tons per square inch	29.6	29.52	29.88	29.88	29.6	29.6	29.2	29.6	29.4	30.8		
Extension per cent	20 36.0	36.0	37.0	37.0	36.0	36.0	34.0	36.0	37.0	38.0		
Cold Bending Test—	180° W.F.	180° W.F.	180° W.F.	180° W.F.	180° W.F.	180° W.F.	180° W.F.	180° W.F.	180° W.F.	180° W.F.		
Angle before fracture	180° W.F.	180° W.F.	180° W.F.	180° W.F.	180° W.F.	180° W.F.	180° W.F.	180° W.F.	180° W.F.	180° W.F.		
Dates when Inspected	4/1/34				15		23/1/34					

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (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.

10m.1.33.



002846-002852-0037

