

## Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_)

Port

Sunderland

SUNDERLAND.

No. F4615 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or~~ Castings, as herein described, manufactured by M<sup>rs</sup> J. Rogerson & Co. Ltd of Holtingham for the Engines No. 387 being constructed by Mon Ing & Pipe Works of Sunderland 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. 395  
D.D.W.

D. D. Williamson

Darlington 19.2.30

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.	SCREW SHAFT.		
		18 Globe Valve Rods & Bolts.		
Material* ...		Steel	{ 15 valves @ 1 1/2"	
How made ...		Cast	{ 3 valves @ 3/4"	
If Annealed...		Yes		
Dimensions, Forgings		✓		
Weight, Castings		✓		
Progress on { Inspection }		Hammered & Tested.		
Tests on Standard Test Pieces.		List No 22		
Tensile Test— Tons per square inch		28.8		
Extension per cent		31.0		
Cold Bending Test— Angle before fracture		120°		
Dates when Inspected		12.2.30 to 19.2.30		

## PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Water Test to 600 lbs/sq. in. Found Sound and tight. Stamped: LLOYD'S TEST. No 395. 600 lbs.

J.D.S. T.D.S. 8.4.30.

J.D.S.

Sunderland.

Fee (if any chargeable) £1=1=0.

To be paid at

SUNDERLAND.

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