

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 3655 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by James Wm Beattie & Co of Glasgow for the Engines No. 182, being constructed by Wm Doreford & Sons 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

Wm Doreford & Sons of Sunderland,

Alexander Fletcher

Glasgow 15/9/1930

Mark on Forgings or Castings.

Lloyd's
No. 3655
A.F.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Siemens Martin Engine Steel</u>			
How made ...	<u>Forged</u>			
If Annealed ...	<u>Yes</u>			
Dimensions, Forgings	<u>430 mm / 17 in</u>			
Weight, Castings	<u>6 lbs</u>			
Progress on Inspection }	<u>Forging & rough turned</u>			
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch	<u>30.8</u>			
Extension per cent	<u>30</u>			
Cold Bending Test—				
Angle before fracture	<u>180</u>			
Dates when Inspected	<u>17/8/30 & 15/9/1930</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ NIL (Vessel Classed) 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.