

4th Sec.

Expt. 7.

For the information of Surveyors and the Committee only.

Received at _____ office _____

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. F837 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by B. Westinghouse & Co. of Manchester for the Engines No. 1652/3 being constructed by British Westinghouse & Co. 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.

H.P. & L.P. Turbine Shafts.

A. Campbell
Manchester.
30-12-1918.

Mark on Forgings or Castings.

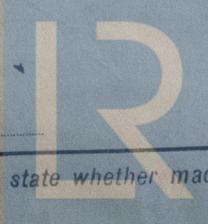
Lloyd's
Nos U401 & U414

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>Open hearth steel</u>	/	/	/
How made ...	<u>Forged.</u>			
Dimensions ...	<u>4" diam</u>			
Progress on Inspection	<u>finished.</u>			
Tests on Standard Test Pieces.	<u>U401 U414</u>			
Tensile Test— Tons per square inch	<u>32.8 30.7</u>			
Extension per cent	<u>30.0 30.5</u>			
Cold Bending Test— Angle before fracture	<u>180° 180°</u>			
Dates when Inspected	<u>Various</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ _____
To be paid at _____ ✓

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.



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