

For the information of Surveyors and the Committee only.

Received at _____ Office, _____

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 2281 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Wm Beardmore & Co Ltd of Glasgow for the Engines No. 3561 being constructed by Douglas & Grant & Co of Leith 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

Report on Forgings ~~or Castings~~.

Lloyd's
No. 2281
A.F.

Alexander Fletcher
Glasgow 19/5/1919.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	5 INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material		<u>S.M. Eng. Stab.</u>	<u>S.M. Eng. Stab.</u>	
Made		<u>Enged</u>	<u>Enged</u>	
Dimensions		<u>12 3/4 dia</u>	<u>12 1/2 dia</u>	<u>14 1/2 dia</u>
Press on inspection		<u>Enging</u>	<u>9 rough turned</u>	
Tests on Standard Test Pieces.				
Tensile Test—				
Stress per square inch		<u>31.8</u>	<u>31.6 31.6 31.8 30.6 31.</u>	<u>30.2</u>
Elongation per cent		<u>29</u>	<u>28. 29. 28. 31. 26.</u>	<u>27</u>
Bending Test—				
Stress before fracture		<u>18 1/2</u>	<u>18 1/2</u>	<u>18 1/2</u>
When Inspected		<u>19/3/1919</u>	<u>4/3/1919</u>	<u>15/5/1919</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ NIL (Vessel Classed) Weight 30
To be paid at _____

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

7. T. Leith