

W362-0057

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

No 6323 ENGINE ~~FORCINGS OR~~ CASTINGS.

I have to report that the ~~Iron or Steel~~ Castings, as herein described, manufactured by The Steel Coy of Scotland Ltd of Newton for the Engines No. being constructed by of Messrs Dimsmuir & Jackson Ltd for the Ship No. 482, being built by of Govan have been inspected by me as set forth below, and found to be, so far as can be seen Satisfactory.

Mark on ~~Castings~~ Castings.

Matthew. Mc. Andrews.

Oct 1st 1920.

Lloyd's

No 6323

28/9/20. M.M.A.

Live Boiler Stop Valves

	CRANK SHAFT		STRAIGHT CHAFTING	
			INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>Cast Steel.</u>			
How made ...	<u>Simons Open Hearth.</u>			
Dimensions ...	<u>Continuous.</u>			
Progress on Inspection }	<u>N^o 42</u>		<u>N^o 84.</u>	
Tests on Standard Test Pieces.				
Tensile Test—	<u>29.2</u>		<u>29.8.</u>	
Tons per square inch	<u>24.0.</u>		<u>23.0.</u>	
Extension per cent	<u>150%</u>		<u>180%</u>	
Cold Bending Test—	<u>150%</u>		<u>180%</u>	
Angle before fracture	<u>3/4/20 to 28/9/20</u>			
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The Castings were drop and hard according to the Society's rules.

N^o 42 Stop Valve 5.1.19.
N^o 84. " " 5.1.4.
10.2.26

Fee (if any chargeable) £

To be paid at

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