

Lloyd's Register of Shipping.

(Report on Machinery, No. *Mich. 5711* Port *Manchester*)No. *F2320* ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by *Mitchell Shackleton & Co. Ltd* of *Manchester* for the Engines No. *26502* being constructed by *L. Gardner & Sons Ltd* of *Manchester* for the Ship No. *40*, being built by *The Amble S.B. Co. Ltd* of *Amble*

have been inspected by me as set forth below, and found to be, so far as can be seen, *Sound*.

1-Solid 4 throw Crank shaft, -983. 1-Thrust Shaft -995.

4-Connecting Rods, -989.

1-Intermediate Shaft -13.

1-Propeller Shaft -1014

Forgings or Castings.

Lloyd's

No. *983. 989. 995. 13. 1014.*

As or Rm.

Alfred H. Lane.

Manchester 28/10/25.

	CRANK SHAFT.	STRAIGHT SHAFTING.			Can? Rods.
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.	
1" ...	<i>Open Heart</i>	<i>Open Heart</i>	<i>Mild Steel</i>	<i>Open Heart</i>	<i>Open Heart</i>
made ...	<i>Forged & Annealed</i>	<i>Forged & Annealed</i>	<i>Rolled</i>	<i>Forged & Annealed</i>	<i>Forged & Annealed</i>
ons ...	<i>5 1/8" pins & pins</i>	<i>95" m</i>	<i>3 1/2" dia</i>	<i>4" dia</i>	<i>2 1/2" dia</i>
s on } action }	<i>Black & finished</i>	<i>Black & finished</i>	<i>Bright rolled & fin^d</i> <i>(From Gardner & Sons)</i>	<i>Black & fin^d?</i>	<i>Black & fin^d.</i>
on Standard t Pieces.					
Test— per square inch ...	<i>29.2</i>	<i>31.8</i>	<i>28.3</i>	<i>29.6</i>	<i>29.4</i>
sion per cent ...	<i>34.0</i>	<i>29.0</i>	<i>37.0</i>	<i>31.0</i>	<i>32.0</i>
ending Test— before fracture ...	<i>180°</i>	<i>180°</i>	<i>180°</i>	<i>180°</i>	<i>180°</i>
When Inspected	<i>4.5.25 to 9.7.25.</i>	<i>20.5.25 to 15.7.25.</i>	<i>14.8.25 to 15.9.25.</i>	<i>31.7.25 to 15.9.25.</i>	<i>6.8.25.</i>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The above forgings and rolled bar examined finished at L. Gardner & Sons Ltd and signs checked and found so far as could be seen sound.

Alfred H. Lane.

Fee (if any chargeable) £

To be paid at

Classed vessel

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

T. State if annealed

010405-010415-0155

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Foundation