

For the information of Surveyors and the Committee only.

Received at

Office.

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# Lloyd's Register of Shipping.

(Report on Machinery, No. 40985. Port Glasgow.)

2200-EE01M

No. 6434 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs W Beardmore & Co of Airdrie for the Engines No. 572 being constructed by Messrs W Beardmore & Co of Coattridge 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.

27-10-20

Forgings ~~or Castings~~

Lloyd's  
No. 6434 body pins  
J.D. pins & ends.

J Dale  
Glasgow

## STRAIGHT SHAFTING.

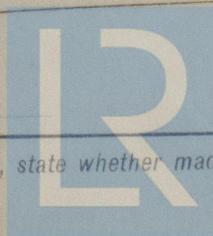
	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<u>Siemens Martin Ingot Steel</u>			<u>8 No Ingot Steel</u>
Condition	<u>Forged</u>			<u>Forged</u>
Dimensions	<u>7 3/8 dia</u>	<u>7 3/8 dia</u>		<u>8 1/4 dia</u>
Process	<u>Forging &amp; rough machining</u>			<u>Forging &amp; testing</u>
Standard Pieces.				
Test per square inch	<u>30.8</u>	<u>30.4</u>		<u>30.4</u>
Elongation per cent	<u>32%</u>	<u>33%</u>		<u>37%</u>
Bending Test before fracture	<u>180°</u>	<u>180</u>		<u>180</u>
When Inspected	<u>3-11-20</u>	<u>3-11-20</u>		<u>3-11-20</u>

### PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

	Tens per Sq. In.	Elong % In 2 Inches	Read
<u>Connecting rods</u>	<u>31.2</u>	<u>35</u>	<u>180</u>
<u>&amp; Piston rods</u>	<u>30.4</u>	<u>36%</u>	<u>180</u>

Charge (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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Lloyd's Register  
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# Lloyd's Register of Shipping

Glasgow

## ENGINE FORGINGS

and ordered by James W Beardmore & Co Ltd, Dundee  
The engine is a 272 horse power compound engine built up  
for the ship 'Vesta'.

Boothby  
James W Beardmore & Co Ltd  
Dundee

25.10.50

J Dale  
Glasgow

0434  
UD  
James W Beardmore & Co Ltd  
Dundee

STRAIGHT SHAFTING

STRAIGHT SHAFT

272 horse power  
8 1/2 dia  
Forging & testing

James W Beardmore & Co Ltd  
Forging  
7 1/2 dia  
Forging & rough machining

30.4  
37.1  
180  
= 2.11.50

30.4  
37.1  
180  
2.11.50

30.8  
37.1  
180  
3.11.50

31.5  
30.4  
37.1  
180

James W Beardmore & Co Ltd  
Dundee

J Dale



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