

Received at

Office

19

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. 32315 Port Glasgow)

No. 3315. ENGINE FORGINGS OR CASTINGS.

I have to report that the Iron ~~or Steel~~ Forgings ~~or Castings~~, as herein described, manufactured by The Fife Forge Co. of Sinclairtown for the Engines No. 395. being constructed by H. V. Lidgerwood of Coatbridge for the Ship No. 551 being built by Lockhart & Sons of Glasgow have been inspected by me as set forth below, and found to be, so far as can be seen, sound

on Forgings or Castings.

Lloyd's

No. 3137
H.D.H.

Screw shaft

Dennis Reek
Leith

CRANK SHAFT.

STRAIGHT SHAFTING.

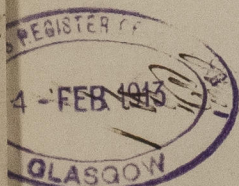
THRUST SHAFT.

INTERMEDIATE SHAFTS.

PROPELLER SHAFT.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<u>14 1/2 inch</u>	<u>14 1/2 inch</u>	<u>14 1/2 inch</u>	<u>Scrap Iron</u>
Manufacture	<u>Forged</u>	<u>Forged</u>	<u>Forged</u>	<u>Forged</u>
Dimensions	<u>7 1/8 dia</u>	<u>7 1/8 dia</u>	<u>7 1/8 dia</u>	<u>8 1/2 dia</u>
Finish on inspection	<u>Black</u>	<u>Black</u>	<u>Black</u>	<u>Black</u>
Tests on Standard Test Pieces.	(84) <u>10 1/2</u> (96)	(40) <u>10 1/2</u>	(40) <u>10 1/2</u>	
Yield Test—	<u>27.8</u>	<u>28.6</u>	<u>28.6</u>	
Tensile strength per square inch	<u>36</u>	<u>35</u>	<u>35</u>	
Elongation per cent	<u>30.</u>			
Bending Test—	<u>180° good</u>	<u>180° good</u>	<u>180° good</u>	
Time before fracture	<u>1/8, 1/4, 22/11/12</u>	<u>20/9, 2/10/12</u>	<u>20/9, 2/10/12</u>	<u>25/9/12</u>
When Inspected				

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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