

Lloyd's Register of Shipping.

(Report on Machinery, No. 51068 Port Gls)

No. 21862 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by The Langley Forge Co. Ltd. of Langley for the ~~Engines No.~~ Order R.20/2/30 being constructed by Messrs Aitchison Blair Ltd. of Glasgow 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 and free from defects. These have been despatched to _____

Report on Forgings or Castings.

Lloyd's
No. as below
I.P. 3.9.20.
10.9.20

J. Pring & Co.
Sheffield
20/9/20.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>1 Inter Shaft</u>	<u>1 Prop. Shaft</u>		
	<u>FLYWHEEL SHAFT.</u>			<u>1 SCREW SHAFT.</u>
Material	<u>Siemens</u>		<u>Steel</u>	
How made		<u>Forged</u>		
Heat treated		<u>Yes</u>		
Dimensions, Forgings				
Weight, Castings				
Finish on inspection	<u>Rough</u>		<u>Machine</u>	
Stress on Standard Test Pieces.	<u>246 R8821</u>	<u>247 R8821</u>	<u>251 R8821</u>	<u>254 R8821</u>
Stress per square inch	<u>31.4</u>	<u>31.6</u>	<u>30.0</u>	<u>29.8</u>
Elongation per cent	<u>2° 35.0</u>	<u>35.0</u>	<u>34.0</u>	<u>37.0</u>
Bending Test—	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>
Angle before fracture				
When Inspected	<u>28/8/20</u>	<u>to</u>	<u>2/9/20.</u>	<u>2/9/20 to 10/9/20.</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Exam. finished 27-11-20. 7PC
1-12-20 7PC

(if any chargeable) £ _____ To be paid at _____

If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.

