

# Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

)

7.459.

No. 342

## ENGINE FORGINGS OR CASTINGS.

I have to report that the Iron or Steel Forgings or Castings, as herein described, manufactured by John S Kincaid & Co of Greenock for the Engines No. 536 being constructed by John S Kincaid & Co of Greenock for the Ship No. \_\_\_\_\_, being built by Bulfinch & Co of Bulfinch have been inspected by me as set forth below, and found to be, so far as can be seen, sound and good.

Mark on Forgings or Castings.

Lloyd's

No. 342

James James.

Greenock.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>Ingot steel</u>		<u>Ingot steel</u>	<u>Ingot steel</u>
How made ...	<u>Forged</u>		<u>Forged</u>	<u>Forged</u>
Dimensions ...	<u>9 3/4"</u>		<u>9 3/8"</u>	<u>10 1/2"</u>
Progress on Inspection }	<u>A Turned</u> <u>Finished</u>	<input checked="" type="checkbox"/>	<u>A Turned</u> <u>Finished</u>	<u>A Turned</u> <u>Finished</u>
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch ...	<u>30.0 - 32.0 30.5</u>		<u>29.5 - 30.0 - 30.0 31.0</u>	<u>30.0</u>
Extension per cent ...	<u>21.0 - 27.1 - 31.2</u>		<u>22.0 - 23.0 - 27.0 22.0</u>	<u>34.0</u>
Cold Bending Test— Angle before fracture ...	<u>180°</u>	<input checked="" type="checkbox"/>	<u>180°</u>	<u>180°</u>
Dates when Inspected	<u>Various</u>		<u>Various</u>	<u>Various</u>

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.