

For the information of Surveyors and the Committee only.

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 43373 ENGINE FORGINGS OR CASTINGS.

I have to report that the ^{Iron or} ~~Steel~~ Forgings or Castings, as herein described, manufactured by Fife Forge Co. of Kirkcaldy for the Engines No. 84 being constructed by Patrick & Wigham of Sowerby Bridge 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

Mark on Forgings or Castings.

Lloyd's
No. 4663
G.A.H.

G.A.H.
Linn

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<u>5 in 2 1/2 in</u>	<u>5 in 2 1/2 in</u>	<u>—</u>	<u>Scrap Iron</u>
How made	<u>Forged</u>	<u>Forged</u>		<u>Forged</u>
Dimensions	<u>84</u>	<u>84</u>		<u>6"</u>
Progress on Inspection	<u>Forge to Finish</u>	<u>Forge to Finish</u>		<u>N. Ground & Finished</u>
Tests on Standard Test Pieces.				<u>—</u>
Tensile Test	<u>304 29.6</u>	<u>300</u>		<u>—</u>
Tons per square inch	<u>300 310</u>	<u>300</u>		<u>—</u>
Extension per cent	<u>180. prod</u>	<u>180. prod</u>		<u>—</u>
Old Bending Test				<u>13/3 12/3/8</u>
Angle before fracture	<u>101. 6 22/3/16</u>	<u>13/3 6 20/3/18</u>		
Dates 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.

