

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

)

No. 43342

ENGINE FORGINGS OR CASTINGS.

I have to report that the Iron ~~or~~ Steel Forgings ~~or~~ Castings, as herein described, manufactured by Lip Lye Co. of Kirkcaldy for the Engines No. 83 being constructed by Robert Lippitt of Liverpool 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. 466

GAH

W. A. Hahn

Lith

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material * ...	Sm Iron	Sm Steel	—	Large Iron
How made ...	Forged	Forged	—	Forged
Dimensions ...	5 1/2	5 1/2	—	6"
Progress on Inspection	Forged & finished	Forged & finished	—	R. Iron & finished
Tests on Standard Test Pieces.				
Tensile Test—	30.4 29.6	300	—	—
Tons per square inch	300 310	300	—	—
Extension per cent	180° proof	180° proof	—	—
Old Bending Test—	10 1/2 20 3/18	13/3 20 1/8	—	13/3 22 1/8
Angle before fracture				
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.



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Lloyd's Register

Foundation