

L. S. Solingen.

Received at

Office,

18

Lloyd's Register of British and Foreign Shipping.

(Report on Machinery, No. 1473 Port Hamburg)

No. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by Messrs Henry Bessemer & Co. of Sheffield for the Engines No. 348 being constructed by Messrs C. Hambell & Co. Berlin of Hamburg for the Ship No. 373, being built by the Reichtstieg Schiffswerft, Maschinenfabrik Hamburg have been inspected by me as set forth below, and found to be, so far as can be seen, good sound forgings, & well finished.
Four lengths of crank shafting $11\frac{3}{4}$ ins diam.
Three crank lengths & one spare

Mark on Forgings.

Lloyd's
No.

LR
A.L.J.
20.2.89

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* - -	Siemens Steel			
W made - -	Forged Built.			
ensions - -	$11\frac{3}{4}$ diam.			
gression In- spection - -	Forged. Rough turned & Finished			
es when In- spected - -	Dec. 19 th 1888. Feb. 20 th 1889			

PARTICULARS OF TESTS APPLIED TO CASTINGS:-

Four test pieces from the crank webbs & two from the shaft & pins bent cold under hammer with good results, bending through nearly 180° round $\frac{3}{4}$ " radius. Test pieces 1" square

A. L. Jones
Surveyor to Lloyd's Register
Feb 22nd 1889

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Bessemer or the Siemens-Martin process.

[P-2000-10/83-Trans. Ink.]

Butts of Main Stringer Plate, treble riveted for $\frac{3}{4}$ length amidships. Butts of Upper

Breadth of laps of plating in double riveting $5\frac{1}{4}$ Breadth of laps of plating in single riveting