

For the information of Surveyors and the Committee only.

Received at _____ Office _____ 19 _____

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. _____ Port _____)

No. 61. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by Forges & Ateliers J. Empain of Manage ^{G.O.} for the Engines No. 13031 being constructed by Nederlandsche Fabriek van Werktuigen & Spoorwegmateriaal, of Amsterdam for the Ship No. 574, being built by Messrs. Smith's Dock Co. Ltd., of Middlesbrough, have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects.

n Forgings.

Lloyd's
493
1913-14

Antwerp, 16th March 1914.

Edgar Roberts

Four connecting rods.

	ROBANK SHAFT.	STRAIGHT SHAFTING	
		ROBANK SHAFT	STRAIGHT SHAFT
Material	Siemens-Martin ingot steel.		
Mode	Forged.		
Dimensions	4 3/8" x 3 3/4"		
Condition	Rough, turned & finished.		
When tested	12/1 - 24/1 - 10/3/14.		

PARTICULARS OF TESTS APPLIED TO CASTINGS:-

TEST No.	SAMPLE No.	DIA. OF SAMPLE	ULT. STRESS TONS P.SQ."	ELONG. % IN 3"
10	12	.798"	30.1	34
"	15	"	30.5	38
"	17	"	30.1	34
"	20	"	29.3	36

NOTE.- The ingots were obtained from the Rombacher Huttenwerke, Rombach. The tests were carried out on the testing machine of the Forges & Laminiers de Baume, at Haine St. Pierre.

Bends good.

(if any chargeable) £

To be paid at Antwerp.

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

