

K. Lloyd's Register of British & Foreign Shipping.

Order 8491.

(Report on Machinery, No. 10368)

Port Hamburg

No. 8547.

ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron~~ Steel Forgings or Castings, as herein described, manufactured by Georgs Marien Hütte of Osnabrück for the Engines No. being constructed by Flensburger Schiffsbau Ges. of Flensburg for the Ship No. 277 being built by of

have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects

2 Intermediate shafts, 4 Connectingrods, 4 Pistonrods, 4 Crossheads, 7 Slidevalve rods, 1 Web.

Mark on Forgings.

Lloyd's

Düsseldorf 31st August 1907.

No. 3586-7-8-9-90, 3573, 3582-3-4-5.

K.H.8.07.

Karl Hauff

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*			Annealed S.M.I.St.	
How made			forged	
Dimensions			14 3/16" diam.	
Progress on inspection			rough turned & finished	
Dates when inspected			12.8.23.8.07.	
			30. 8. 1907.	

PARTICULARS OF TESTS APPLIED TO CASTINGS:—

36. 1 Intermediate shaft	29,5 Tons per square inch	38% Elongation in 2"
37. 1 Intermediate shaft	30,9 Tons per square inch	39% Elongation in 2"
38. 2 Connectingrods	28,5 Tons per square inch	40% Elongation in 2"
39. 2 Connectingrods	27,5 Tons per square inch	37% Elongation in 2"
40. 2 Pistonrods	36,1 Tons per square inch	35% Elongation in 2"
41. 2 Pistonrods	35,8 Tons per square inch	32% Elongation in 2"
42. 4 Crossheads	30,6 Tons per square inch	39% Elongation in 2"
43. 3 Slidevalve rods	35,3 Tons per square inch	35% Elongation in 2"
44. 4 Slidevalve rods	35,0 Tons per square inch	34% Elongation in 2"
45. 1 Web		

Bends good.

Fee (if any chargeable) £ : :

To be paid at Düsseldorf

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

L. J. "Niagara"

LR

Lloyd's Register Foundation