

E.

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No.

Port

Order 62605/62702

No. 15709

ENGINE FORGINGS OR CASTINGS.

259.

I have to report that the ~~XXXXX~~ Steel Forgings ~~XXXXXXXXXX~~, as herein described, manufactured by Messrs. Haniel & Lueg ~~DusseldorfGrafenberg~~ for the Engines No. 92 being constructed by The Parsons Marine Steam Turbine Co of Newcastle on Tyne 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 and free from defects.

4 couplings, 2 adjusting blocks, 1 rotor shaft, 1 high pressure rotor shaft

Mark on Forgings or Castings.

Lloyd's

No. 5940, 5941, 5937, 5939

P.A.9.13.

Dusseldorf 30th, September 1913.

P. Steel

	CHUNKS SHAKT. couplings	rotor shaft	STRAIGHT SHAKT. H.P. rotor shaft	adjusting blocks.
Material*	annealed	Siemens	Martin	Ingotsteel
How made	forged	forged	forged	forged
Dimensions	12 3/4" diam.	18" diam.		10 3/4" diam.
Progress on Inspection	rough turned		rough turned	
Tests on Standard Test Pieces.	diameter .798"	No. 5937	No. 5939	diameter .798"
Tensile Test—	see below.	34.2	36.5	see below.
Tons per square inch		28.6	28.-	
Extension per cent				
Cold Bending Test—	180 degr.good.	180 degr.good.	180 degr.good.	180 degr.good.
Angle before fracture				
Dates when Inspected	27/8. 22/9.1913.	3. 22/9.1913.	15.22/9.1913.	27/8. 22/9.1913.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

No. 5940 4 couplings (33.- tons per square inch 28.6% Elong. in 3"
 5941 2 adjusting blocks (

Fee (if any chargeable) £
 To be paid at Dusseldorf

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.