

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No.

8476

Port

Middlesbrough)

No. 13704

ENGINE FORGINGS ~~OR CASTINGS~~

Deal 48877

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by John Spencer & Sons Ltd. of Newburn for the Engines No. 1791 being constructed by Blair & Co. Ltd. of Stockton-on-Tees for the Ship No. , being built by S.S. "Pontwin" of Cardiff have been inspected by me as set forth below, and found to be, so far as can be seen, Sound.

Thrust & tunnel shafts.
Mark on Forgings or Castings.

Crank shaft

Propeller shaft

Lloyd's
No. 271-N
W.C.

LLOYDS
Nº 6887
7.4.14.WM

LLOYDS
Nº 6887
23.4.14.WM

McC Campbell
Newcastle

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	Ingot Steel	Ingot Steel	Ingot Steel	Ingot Steel
How made ...	Forged & machined	Forged & machined	Forged & machined	Forged & machined
Dimensions ...	14 1/4 - 14 3/4	14 3/4	13 3/4	15 1/2
Progress on Inspection }	Rough turned	Rough turned	Rough turned	Rough turned
Tests on Standard Test Pieces.				
Tensile Test—	28'8. 28'2. 30'2.	30'2.	30'2. 28'2. 30'6. 30'4. 30'6. 30'8.	
Tons per square inch	30%. 31%. 30%	29%	29%. 32%. 31%. 30%. 31%. 29%.	
Extension per cent				180° 180°
Cold Bending Test—				
Angle before fracture ...				
Dates when Inspected	December 24. 1913. To January 22. 1914.			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Shafting finished under special survey and re-stamped as above

Wm Morrison

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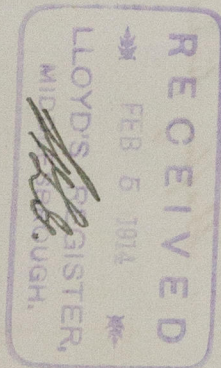
Fee (if any chargeable) £
To be paid at

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

Messrs. Richardson, Duck & Co.,
S/s No. 639.

S/s. "Pantwen"
Mat. Rpt. No. 8476

Mat. Rpt. No. 8476



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Foundation