

## Lloyd's Register of Shipping.

(Report on Machinery, No. 40215)Port GlasgowNo. 2946 ENGINE FORGINGS ~~OR CASTINGS~~.Highland  
Warrior

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Dennystown Forge Co. of Dumbarton for the Engines No. 576 being constructed by Messrs Barclay Curle & Co. of Glasgow for the Ship No. 576, being built by Messrs Barclay Curle & Co. Ltd. of Glasgow have been inspected by me as set forth below, and found to be, so far as can be seen, Sound.

12.3.19

Mark on Forgings or Castings.

Lloyd's  
No. 2946  
J.D.

## STRAIGHT SHAFTING.

	CRANK SHAFT.	STRAIGHT SHAFTING.			PROPELLER SHAFT.
		THRUST SHAFT.	6	INTERMEDIATE SHAFTS.	
Material* ...		Siemens Martin Engol-Steel			
How made ...		Forged			
Dimensions ...		16 1/4 dia	15 3/8 dia	17" dia	
Progress on Inspection		Forging testing & rough machining.			
Tests on Standard Test Pieces.		Test Nos. —	897B	111	113
Tensile Test—		30.0	29.6	29.6	30.8, 30.6, 30.6, 39.8, 31.8
Tons per square inch		28 1/2	33 1/2	34 1/2	30 1/2, 32 1/2, 30 1/2, 33 1/2, 26 1/2
Extension per cent		180	180	180	
Cold Bending Test—					
Angle before fracture		24.12.18	to	7.3.12	
Dates when Inspected					

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ NIL (Vessel Classed)  
To be paid at

Total Weight: 51.8.2.0

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



576

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