

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port

*Sunderland.*No. *F113.* ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by *Richardson, Wigham & Co.* of *Hartlepool* for the Engines No. *2147* being constructed by *The North Eng. Works.* of *Sunderland.* 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 & tested as under.*

3/3 Crank Shaft

Mark on Forgings or Castings.

Lloyd's

No. *6029**4/10/18 ad.**A. Lloyd.**West Hartlepool*
24/2/19

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT	INTERMEDIATE SHAFTS	PROPELLER SHAFT
Material* ...	<i>Sm. Light Steel.</i>			
How made ...	<i>Built</i>			
Dimensions ...	<i>11 3/4" dia, 12' long.</i>			
Progress on Inspection }	<i>forge to finished</i>			
Tests on Standard Test Pieces.	(UX) <i>31.3 ton 32.2% 180°</i>			<i>(3 pieces 1 plain body)</i>
Tensile Test—	(VC) <i>29.1 ton 30.4% 180°</i>			<i>(Collar Body)</i>
Tons per square inch ...	(VD) <i>31.4 ton 30.4% 180°</i>		<i>(5)</i>	
Extension per cent ...	(VE) <i>30.4 ton 30.4% 180°</i>		<i>(5)</i>	
Cold Bending Test—	(VF) <i>31.3 ton 30.4% 180°</i>		<i>(5)</i>	
Angle before fracture ...				
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(WV) *30.0 ton 30.4% 180° (5)*

Fee (if any chargeable) £

To be paid at

Almug Kund.

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

Mardinian
Engine forgers

SUNDERLAND RPT. NO. 27606



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Foundation