

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port Newcastle

No. F.19826 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the Iron ~~or~~ ^{of} Steel Forgings ~~or Castings~~, as herein described, manufactured by Jesson Smiths Forge Co. of Wallsend-on-Tyne for the Engines No. 487 being constructed by James Redhead & Co. of South Shields 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

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

Mark on Forgings ~~or Castings~~.

Lloyd's
No. 7718
gd

3 Connecting rods
2 Piston ..
2 Slide Valve ..

J. Dal
Newcastle.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>Scrap iron</u> <u>Forged</u> <u>Forging.</u>	<u>Scrap iron</u> <u>Forged</u> <u>Forging.</u>	<u>Scrap iron</u> <u>Forged</u> <u>Forging.</u>	<u>Scrap iron</u> <u>Forged</u> <u>Forging.</u>
How made ... †				
Dimensions ...				
Progress on } Inspection }				
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch ...				
Extension per cent ...				
Cold Bending Test— Angle before fracture ...				
Dates when Inspected	<u>4.4.27 - 24.5.27</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

	TONS [□]	ELONG	BEND
<u>1 Ingot-Steel Piston rod</u>	<u>27.0</u>	<u>32%</u>	<u>180°</u>
<u>1 - - Slide Valve rod.</u>			

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.



