

For the information of Surveyors and the Committee only.

Received at _____ Office _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. F1255 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by B. Westinghouse & Co. L^{td} of Manchester for the ^{N.I. Standard} Engines No. 2nd set being constructed by B. Westinghouse & Co. of Manchester for the Ship No. N.I., being built by National Shipyard of Chester. have been inspected by me as set forth below, and found to be, so far as can be seen, Sound.

H.P. and L.P. Turbine Shafts

on Forgings or Castings.

A. Campbell
Manchester.

Lloyd's

No. U464 and U461

Turbine Shafts.

STRAIGHT SHAFTING.

CRANK SHAFT.

THRUST SHAFT.

INTERMEDIATE SHAFTS.

PROPELLER SHAFT.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material ...	<u>O.N. Steel</u>			
Made ...	<u>Forged.</u>			
Dimensions ...	<u>4 1/2"</u>			
Process on inspection }	<u>Forged & finished</u>			
Tests on Standard Test Pieces.	<u>U464</u>	<u>U461</u>		
Yield Test—	<u>33.2</u>	<u>33.5</u>		
Tensile strength per square inch ...	<u>30%</u>	<u>31%</u>		
Elongation per cent ...	<u>180°</u>	<u>180</u>		
Angle before fracture ...	<u>July to Sept. '18</u>			
When Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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.



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Lloyd's Register

Foundation.

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