

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_)

Port \_\_\_\_\_)

## No. 16025. ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs Hadfield & Co. of Sheffield for the Engines No. 19049-50-8 BW 5 being constructed by Messrs The Wallsend & Co. Eng. Co. of Wallsend on Tyne 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 and free from defects. These have been despatched to

Mark on Forgings or Castings.

P.W.

Stard

D.S. "Hartford" "NARDANA"

J. P. Mangle

Sheffield 29/9/28

Lloyd's

No. 8178

S.P. 24/9/28

LLOYDS

N 8178

WB 26-10-28

LLOYDS

N 8178

WB 15-10-28

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	2 L.P. Turbine Rotas.			
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	Siemens Steel			
How made ...	Forged			
If Annealed...	Yes			
Dimensions, Forgings				
Weight, Castings				
Progress on Inspection	Rough Machine			
Tests on Standard Test Pieces.	1. 5.3735.			
Tensile Test—	2.			
Tons per square inch	39.9	39.8		
YIELD	19.1	18.8		
Extension per cent	24.0	22.0		
Cold Bending Test—				
Angle before fracture	180°	180°		
Dates when Inspected	25/8/28 to 24/9/28			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The fee includes forgings or reports for 16084 & 16118  
Rotors examined finished William Butcher.

Fee (if any chargeable) £ 4-4-0 To be paid at Sheffield

\* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.