

pt. 7.

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office, \_\_\_\_\_ 19\_\_

# Lloyd's Register of Shipping.

(Report on Machinery, No. 5465, 5471 Port Winterthur  
5477 + 5483)

## No. F. 174. ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs. Sulzer Bros. of Winterthur for the Engines No 5465, 5471 being constructed by Messrs. Sulzer Bros. of Winterthur for the Ship Nos. 4105411, being built by Messrs. Mitsubishi Zosen Kaisha of Japan have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects.

*RAF*

2 Reserve piston rods.

Winterthur, 10<sup>th</sup> March, 1925.

W.S. Vallis.

Mark on Forgings or Castings.

Lloyd's  
 No. 174  
 B. 10-3-25.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*	2. Piston Rods Ann. S.M. Eng. Steel			
How made	Forged			
Dimensions	✓			
Progress on Inspection	Finished			
Tests on Standard Test Pieces.	430			
Tensile Test—	564 x 2"			
Tons per square inch	31.0			
Extension per cent	38.0			
Cold Bending Test—	180° - 1/4 Rad. Good.			
Angle before fracture				
Dates when Inspected	17.2.25, 10.3.25			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ 1-1-0.  
 To be paid at Winterthur



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