

pt. 7. For the information of Surveyors and the Committee only.

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

# Lloyd's Register of Shipping.

Order: 189352/754188 (Report on Machinery, No. \_\_\_\_\_ Port \_\_\_\_\_)

## No. 31410 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings ~~and Castings~~, as herein described, manufactured by Messrs. Maschinenbau-Anstalt Humboldt of Köln-Kalk 239185/90 for the Engines Nos. \_\_\_\_\_ being constructed by Messrs. Motorenfabrik Deutz A.G. of Köln-Deutz for the Ship No. 681, being built by Messrs. Hongkong & Shanghai P&O Ltd. of Hongkong 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 Köln-Deutz.

on Forgings or Castings.

Lloyd's

Düsseldorf 21st July 1930.

No. 3299/3305/3301/3302/3303/3304.

*for Mr. H. Helmer  
Paul Haupt*

M.K.1.5.30.

	2 connect.rods	2 connect.rods	2 connect.rods	TUBE SHAFT.
	3299/3305	3301/3302	3303/3304	SCREW SHAFT.
Material	Annealed Siemens Martin Ingot Steel			
made	forged	forged	forged	
annealed	Yes	Yes	Yes	
Dimensions, Forgings				
Height, Castings				
Pressure on inspection	finished & rough turned	finished & rough turned	finished & rough turned	
Tests on Standard Test Pieces.	.798 3"	.798 3"	.798 3"	
Stress Test—	34,2	34,0	34,0	
Stress per square inch				
Extension per cent	29,4	30,2	30,2	
Bending Test—				
Angle before fracture	180 degr.good	180 degr.good	180 degr.good	
When Inspected	1.5.30.	1.5.30.	1.5.30.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

material has been ordered to special requirements.

(if any chargeable) £

To be paid at Düsseldorf.

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

1,30.