

# Lloyd's Register of Shipping.

(Report on Machinery, No. 8011 Port Copenhagen)

No. 9987

## ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Burmeister & Wain of Copenhagen for the Engines No. 181 (Mitsui 10) being constructed by Messrs. Burmeister & Wain of Copenhagen for the Ship No. 1, being built by Messrs. Mitsui Bussan Kaisha of Tama 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

Copenhagen, 10<sup>th</sup> Decbr. 1928.

Ad. J. J. J.  
**SURVEYOR TO LLOYD'S REGISTER OF SHIPPING**

Lloyd's  
 No. 9691  
9.11.28.

now built	CRANK SHAFT,	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
end-journal with thrust collar, 6 shaft journals, 6 pins.	FLYWHEEL SHAFT.			SCREW SHAFT.
...	S. M. I. Steel.	/		
...	Hydraulic forged.			
ed...	Yes.			
ns, Forgings	Diam. 340 mm.			
Castings	✓			
on } tion }	Forged & finished.			
1 Standard Pieces.				
Test—	31.6			
per square inch				
in per cent	37.8			
ding Test—	180° good.			
before fracture				
en Inspected	11/8, 20/9, 9/11. 28.			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

steel crank web:-	Tensile strength:-	Elongation:-	One cast steel crank web:-	Tensile strength:-	Elongation:-
Do.	29.3 t	35.8 %	Do.	30.6 t	40.7 %
Do.	29.3 t	35.8 %	Do.	30.6 t	40.7 %
Do.	29.3 t	35.8 %	Do.	27.1 t	44.7 %
Do.	29.3 t	35.8 %	Do.	27.1 t	44.7 %
Do.	30.6 t	40.7 %	Do.	27.1 t	44.7 %
Do.	30.6 t	40.7 %	Do.	27.1 t	44.7 %

Old Bend Tests good, 120°. Drilling Tests good.  
 any chargeable) £ V To be paid at

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