

Lloyd's Register of Shipping.

(Report on Machinery, No. 8041 Port Copenhagen)

No. 8307. 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. 1590 (Osaka) being constructed by Messrs. Burmeister & Wain of Copenhagen for the Ship No. 173, being built by Messrs. Yokohama Dock Co. Ltd. of Yokohama 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

on Forgings or Castings.

Copenhagen, 14th June 1929.

A. G. J. J. J.

SURVEYOR TO LLOYD'S

REGISTER OF SHIPPING

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
with 3 throw	crank shaft for the main engine.			
2 flange ends,	2 shaft journals, 3 pins. (aftermost 1/2 length)			
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material ...	S. M. Steel			
Made ...	Hydraulic forged.			
Heat-treated ...	Yes.			
Dimensions, Forgings	Diam. 4 7/16 in.			
Weight, Castings				
Pressure on inspection	Forged & finished.			
Tests on Standard Test Pieces.				
Stress Test—	31.2			
Stress per square inch	39.8			
Tension per cent				
Bending Test—	180° good.			
Stress before fracture				
When Inspected	31/1, 8/2, 26/3, 26/3 14/5.29.			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Tested crank web:—	Tensile strength:—	Elongation:—	
Do.	28.7 t.	36.8 %	} Bend Tests good, 120° Drilling Tests good.
Do.	28.6 t.	41.7 %	
Do.	28.1 t.	38.8 %	
Do.	28.3 t.	39.8 %	
Do.	27.5 t.	37.8 %	
Do.	27.3 t.	38.8 %	

(if any chargeable) £ ☒

To be paid at ☒

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

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