

LLOYD'S REGISTER OF SHIPPING.

Port L O N D O N .

6th December, 1926.

THIS IS TO CERTIFY that

A. A. A. C H A L M E R S

the undersigned Surveyor did at the request of Messrs. John I. Thornycroft & Co., Ltd., of Caversham, Reading, attend at their Works on the 4th October and 3rd December, 1926, for the purpose of examining during construction the materials and workmanship, and testing on completion the electric generating machinerytype AB/4 Paraffin Stationary Engine coupled to a Mather & Platt 14 KW, 110/150 volt, D.C. Generator.

This Generating set is intended to be fitted on board vessel No.1062, now under construction at the above firm's Woolston Yard to this Society's classification, and is to the order of the Anglo-Ecuadorian Oilfields.

The following parts have been tested hydrostatically in the presence of the undersigned and found to be, so far as could be seen, free from defect :-

Cylinder jackets to 30 lbs. per square inch.

Cylinders to 500 lbs. per square inch.

Silencer, Vapouriser and Exhaust manifold to 100 lbs. per sq. in

and have been stamped (LR) for identification purposes.

The four cylinder paraffin engine 4" x 5½" and numbered AB/4, 1664 coupled to the Mather & Platt continuous current generator, shunt wound and numbered 34426, have been submitted to bench trials at normal power and 20% overload with the



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following results :-

	<u>R.P.M.</u>	<u>Volts.</u>	<u>AMPS.</u>	<u>K.W.</u>	<u>B.H.P.</u>
<u>Normal.</u>	1100	110	130	14.3	19.16
<u>Temperatures F°.</u>	Cooling Water Inlet 62°, Outlet 86°.				
	Dynamo at end of 2 hours, Coil 70°.				
	Com. 95°.				
	Atmosphere 65°.				

	<u>R.P.M.</u>	<u>Volts.</u>	<u>AMPS.</u>	<u>K.W.</u>	<u>B.H.P.</u>
<u>Overload 20%.</u>	1100	110	156	17	22.78
<u>Temperatures F°.</u>	Cooling Water Inlet 64°, Outlet 90°.				
	Dynamo at end of ¼ hour., Coil 79°.				
	Com. 88°.				
	Atmosphere 65°.				

The aforementioned tests are, in the opinion of the undersigned, satisfactory and the materials and workmanship, so far as can be seen, are sound and good.

Arthur Palmer.
Surveyor to Lloyd's Register.

Fee - £4. 4. 0.

Exps. 2. 2. 8.



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