

Lloyd's Register of Shipping.

(Report on Machinery, No.

22091

Port

HAMBURG

ELECTRIC GENERATOR OR MOTOR.

I have to report that the direct current motor, as herein described, rated 10 H.P. manufactured by Mann. Aug. Elektriz. Ges. of Krömmen for the Ship No. 182, being built by Mann. Deutsche Werft A.G. of Hamburg has been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. This has been tested, and complies with the requirements of the Rules.

Krömmen, 1st May 1936

G. H. C. Frahm.

Temperature Test*

Date of Testing 27th April 1936.

Temperature Test										
Machine Number.	Duration of Test.		Speed.	Load.		Shunt Field.				
	Hours.	Mins	r.p.m.	Volts.	Amps.	Volts.	Amps.			
523356	—	20	700	110	83	—	—			
MAXIMUM RECORDED MACHINE TEMPERATURES.										
Mean Air Temperature at End of Test.	Armature.		Commutator.		Shunt Field		Series Field.		Interpoles.	
	Actual temp.	Temp. rise.	Actual temp.	Temp. rise.	Actual temp.	Temp. rise.	Actual temp.	Temp. rise.	Actual temp.	Temp. rise.
	18 °C	38 °C	20 °C	40 °C	22 °C	— °C	— °C	39 °C	21 °C	41 °C

*If this machine is acting as a motor for "Hopkinson" or "Back to Back" test, state number of machine and ship reference of machine acting as generator

Compounding Test (for generators).

Load.	Speed.		Shunt Field.		Machine Load.	
	r.p.m.		Volts.	Amps.	Volts.	Amp.
Full Load - - -						
No Load - - -						

Insulation Tests (taken after the temperature test):—

Insulation resistance ∞ megohms.High voltage test 2000 A.C. volts for one minute between windings and frame.Particulars of other tests applied:— 50 % overload for 2 min. satisfactory.The motor has been stamped: LLOYD'S TESTNo. 542G.B. 27.4.36

Marks on forgings or castings (if any)

Dates of inspection and tests

Fee £ : :

Expenses £ : :



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Foundation