

Rpt. 7b.

For the information of Surveyors and the Committee only.

Received at

Office.

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Lloyd's Register of Shipping.

(Report on Machinery, No. 5557)

Port Glasgow

ELECTRIC GENERATOR OR MOTOR.

I have to report that the Motor, as herein described, rated 135 H.P. manufactured by Harland Wolff & Co. of Belfast for the Ship No. 944, being built by Harland Wolff & Co. of Belfast 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.

R. Lee Amess
Belfast.

Temperature Test* Generator

Date of Testing

Machine Number.	Duration of Test.		Speed.	Load.		Shunt Field.				
	Hours.	Mins.	r.p.m.	Volts.	Amps.	Volts.	Amps.			
2613	6	—	300	220	300	125	2.12			
Mean Air Temperature at End of Test.	MAXIMUM RECORDED MACHINE TEMPERATURES.									
	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.
17.23 °C	34.45 °C	17.22 °C	35.56 °C	18.33 °C	32.23 °C	15 °C	33.34 °C	16.11 °C	35.56 °C	18.33 °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 back to back motor No. 2612 Ship. No. 944

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 50 megohms.

High voltage test 2000 A.C. volts for one minute between windings and frame.

Particulars of other tests applied:—

25% overload for 10 mins

Marks on forgings or castings (if any)

Dates of inspection and tests

Fee £ : :

Expenses £ : :



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W450-01025