

Lloyd's Register of Shipping.

G. 62.

(Report on Machinery, No. 11659)

Port

Belfast

ELECTRIC GENERATOR OR MOTOR.

I have to report that the Generator, as herein described, rated 330 K.W. manufactured by General Electric Co Ltd of Wolverhampton for the Ship No. 957, being built by Harland and Wolff 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.

J. A. Gaffrey

London

31. 12. 35

Temperature Test* as motor on overload Date of Testing 30. 7. 35

Machine Number.		Duration of Test.		Speed.	Load.		Shunt Field.				
		Hours.	Mins.	r.p.m.	Volts.	Amps.	Volts.	Amps.			
B. 82992		6	0	300	220	1815	108	6.7			
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.
25 °C		64.2 °C	39.2 °C	55 °C	30 °C	47.5 °C	22 °C	63.5 °C	38.5 °C	57 °C	32 °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 B. 82995

Compounding Test (for generators).

Load.	Speed.	Shunt Field.		Machine Load.	
	r.p.m.	Volts.	Amps.	Volts.	Amp.
Full Load - - -	300		10.6	222	1500
No Load - - -	315		10.6	222	0

Insulation Tests (taken after the temperature test):—

Insulation resistance 30 megohms.

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

Particulars of other tests applied:— 52% overload satisfactory.

Marks on forgings or castings (if any)

Dates of inspection and tests 30. 7. 35

Fee £

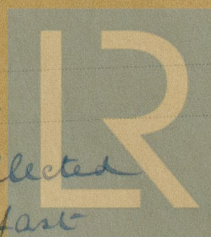
7 : 7 : 0

To be collected

Expenses

£ 3 : 18 : 0

Belfast



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Lloyd's Register
Foundation

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