

15 JULY 1936

Date of writing Report

When handed in at Local Office

THE SUNDERLAND FORGE & ENGINEERING COMPANY, LIMITED. 16 JUL 1936



TEST OF DIRECT CURRENT GENERATOR, Size 10" x 8" and ENGINE, Size 6" x 3"

For MESSRS. I.D. BELFAST for JOSEPH L. THOMPSON & SONS Ship No. 573. Order 12567.

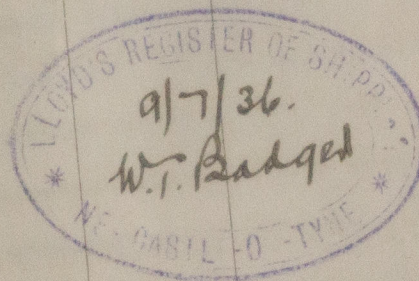
110 Volts 109 Amps 12 K.W. 850 Revs. Continuous Rating Compound Wound, No. F.3850 Date 1936

Engine No. F.3840

READINGS DURING TEST.

Engine No. F.3889		READINGS DURING TEST.				DATE OF TEST 19-5-36	
Time	Speed R.P.M.	LINE		SHUNT		Stm. Pres. lbs./sq. in.	Remarks
		Volts	Amps.	Volts	Amps.		
TEMPERATURE RUN.							
3-0 p.m.	850	110	109	96	2.30	100	Temperatures taken
3-30 "	850	110	109	96	2.28	100	
4-0 "	850	110	109	97	2.25	100	
4-30 "	850	110	109	97	2.24	100	
5-0 "	850	110	109	98	2.26	100	
5-30 "	850	110	109	98	2.26	100	
6-0 "	850	110	109	98	2.26	100	
6-30 "	850	110	109	98	2.25	100	
7-0	850	110	109	98	2.25	100	
GOVERNING ON 100 lbs. STEAM.							
	880	110	0	97	2.30	100	
	854	110	109	97	2.26	100	
<div><div>LLOYD'S REGISTER OF SHIPBUILDERS</div><div>9/7/36.</div><div>W. I. Badger</div><div>NEWCASTLE-ON-TYNE</div></div>							
				Commutator	Shunt Coils	Series Coils	Inter

Temperatures taken.



Temperatures taken by thermometers	Armature	Commutator	Shunt Coils	Series Coils	Interpole Coils
Maximum Temperature recorded	113	98	98	104	---
Air Temperature	72	72	72	72	---
Temperature Rise in Degrees F.	41	26	26	32	---
Before Temperature Run			After Temperature Run		
High Pressure Test on Generator	2000 Volts for 1 min.	2000 Volts for 1 min.	2000 Volts for 1 min.	2000 Volts for 1 min.	2000 Volts for 1 min.
Insulation Resistance of Generator	20 Megohms	20 Megohms	20 Megohms	20 Megohms	20 Megohms

Date 8/7/36

Signed

W.D.

Lloyd's Register Foundation