

THE SUNDERLAND FORGE AND ENGINEERING COMPANY, LIMITED



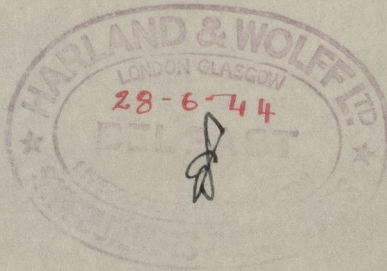
TEST OF DIRECT CURRENT GENERATOR, SIZE 13"
and ENGINE, Size 9" x 4"

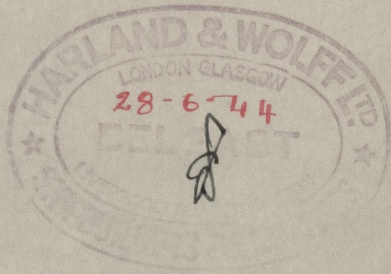
Customer's Order No. 1222/3G/G.13. Ship No. 1223G.

For MESSRS. HARLAND & WOLFF LTD.

OUTPUT PLATE | 110 Volts 273 Amps 30 K.W. 685 Revs.
STAMPED Continuous Rating Compound Wound, No. G.2147 Datd 944.
Engine No. G.2146 Steam Pressure 100/150 lbs. / sq. in. Exhaust.

Time	Speed R.P.M.	LINE		SHUNT		Stm. Pres. lbs./sq. in.	Remarks
		Volts.	Amps.	Volts	Amps.		
<u>TEMPERATURE RUN.</u>							
8.0	685	110	273	86	4.6	100	Temperatures taken A.
8.30	685	110	273	86.5	4.65	100	
9.0	684	110	273	87	4.70	100	
9.30	686	110	273	88	4.55	100	
10.0	685	110	273	89	4.62	100	
10.30	686	110	273	89	4.6	100	
11.0	685	110	273	90	4.62	100	
11.30	686	110	273	90	4.6	100	
12.0	685	110	273	90	4.6	100	
<u>GOVERNING.</u>							
	685	110	273	89	4.65	100	Full load.
	710	110	0	89	4.65	110	No load.
<u>25% OVERLOAD.</u>							
	684	110	341	90	4.7	120	





Temperature Rise in degrees Fahrenheit at Air Temperature A: 68

B:—

	A	B		A	B		A	B
Armature	57		Commutator	48		Shunts	44	
Series	36		Interpoles	29		Crankcase Oil	68	

High Pressure Test 2000

Volts for 1 minute.

Insulation Resistance

100

Megohms

Date of Test 5.6.44.

Signed

MD.

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Lloyd's Register
Foundation

004653-004661-0079