



THE SUNDERLAND FORGE & ENGINEERING  
COMPANY, LIMITED.

TEST OF DIRECT CURRENT GENERATOR, SIZE 10" x 7".  
AND ENGINE, SIZE 6" x 4".

For MESSRS. BURNT ISLAND S.B.CO. No.191 SHIP. ORDER.8503.

OUTPUT PLATE STAMPED } 110 Volts 54.5 Amps 6 K.W. 430 Revs.  
Continuous. Rating Compound. Wound, No.F.3398 Date 1935.

Engine No. F.3388 Steam Pressure 100 lbs. per sq. inch.

READINGS DURING TEST.

Time	Speed R.P.M.	LINE		SHUNT		Stm. Pres. lbs./sq. in.	DATE OF TEST
		Volts	Amps.	Volts	Amps.		Remarks
TEMPERATURE RUN. 18-7-35.							
9-0 am.	428	110	55	93	2.4	120	Temperatures taken.
9-30 "	430	110	55	96	2.38	120	
10-0 "	430	110	55	99	2.4	110	
10-30 "	430	110	55	99	2.4	105	
11-0 "	430	110	55	99	2.4	105	
11-30 "	430	110	55	99	2.38	110	
12-0 "	432	110	55	99	2.38	110	
12-30 pm	430	110	55	96	2.65	105	
1-0 "	430	110	55	99	2.35	110	
	450	110	0	97	2.42	100 )	
	435	112	55	99	2.48	100 )	Governing.

Temperatures taken by thermometers	Armature	Commutator	Shunt Coils	Series Coils	Interpole Coils
Maximum Temperature recorded ...	139	129	126	137	-
Air Temperature ...	71	71	71	71	-
Temperature Rise in Degrees F. ...	68	58	55	66	-
		Before Temperature Run		After Temperature Run	
High Pressure Test on Generator ...	2000	Volts for 1 min.	2000	Volts for 1 min.	
Insuln Resistance of Generator ...	15	Megohms	90	Megohms	

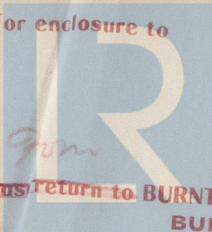
Date 12/11/35

Signed JMD

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For enclosure to



Please return to BURNTISLAND SHIPBUILDING CO., LTD.,  
BURNTISLAND.

Date

©

2020

21/11/20

Lloyd's Register

Foundation

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