

SUNDERLAND FORGE AND ENGINEERING COMPANY, LIMITED




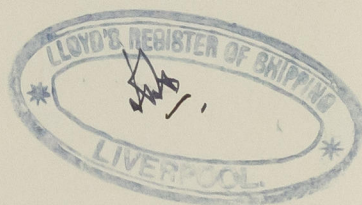
TEST OF DIRECT CURRENT GENERATOR, SIZE 11" x 8;3/4" O.T.D.P.
and ENGINE, Size 7" x 3.1/2".

Customer's Order No. letter. Ship No. s.s. "DOTTEREL".

ESSRS. The British & Continental Steamship Co. Ltd.,

AT PLATE } 110 Volts 150 Amps 16.5 K.W. 750 Revs.
MPPED } Continuous Rating Compound Wound, No. 40,223 Date 1949.
No. 40,222 Steam Pressure 142½ lbs. / sq. in. Exhaust.

Speed R.P.M.	LINE		SHUNT		Stm. Pres. lbs./sq. in.	Remarks
	Volts.	Amps.	Volts	Amps.		
<u>TEMPERATURE RUN.</u>						
750	110	150	93	4.6	142½	Temperatures taken A.
751	110	150	93	4.58	142½	
752	110	150	93	4.53	142½	
750	110	150	93	4.5	142½	
752	110	150	92.5	4.49	142½	
<u>GOVERNING.</u>						
752	110	150	88	4.6	142½	
769	110	0	87.5	4.54	150	
<u>25% OVERLOAD.</u>						
753	110	187.5	88.5	4.61	140	
<u>Test curtailed due to fuel shortage.</u>						
						



Temperature Rise in degrees Fahrenheit at Air Temperature A:— 72 B:—

A	B		A	B		A	B
33		Commutator	23		Shunts	12	
12		Interpoles	6		Crankcase Oil	70	

ure Test 2000 Volts for 1 minute. Insulation Resistance 100 Megohms

ate of Test 7.4.49. Signed

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