

GLASGOW REPORT No. 57275

CROMPTON PARKINSON LIMITED.

EXTRACT OF TEST.

Description of Machine Shunt Generator.M/c No. F71A3030Order 132652FCustomer Messrs. Scott & Sons

Input—Volts

Amps

Output—Volts 110/160Amps 12.5K.W. 2

Phase

B.H.P.

Speed 800

Periods

Date of Test

13.6.36

Present

Time.	Speed.	Volts	Amps.	Shunt volts	Shunt amps.	
	840	110	0	40	.87	No load
	800	160	12.5	90	1.95	
9.30	800	160	12.5	100	1.95	
10.30	800	160	12.5	106	1.95	
11.30	800	160	12.5	110	1.95	
11.40	800	160	15.7	118	2.1	
11.55	800	160	15.7	118	2.1	
	800	215	0	163	2.88	No load

Regulator in circuit

Temperatures taken at 11.30 Atmosphere 19° C.

Stator core Interpoles 35° C.

Stator winding Armature 37° C.

Rotor winding Field 33° C.

Sliprings Comm. 30° C.

Insulation resistance when hot (Megs) 10

Flash Test 2000 volts to earth

Date 17.6.36

Signed

Form No. H. 6/10,000/D.O. 3129 E.T.H. 9774

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material, are the motors of the totally enclosed, pipe ventilated, or open type, if not of this type, state distance of the combustible material horizontally or vertically above the motors