

M.V. TRAQUAIR.
MAWDSLEY'S LIMITED, DURSLEY, GLOS.

TEST SHEET on Compound Generator.

13354. Order No. 3454 Frame 70R No. 3072

The Grangemouth Dockyard Co. Ltd. No 479

Drip-Proof. Rating Cont: Fan Yes:

10 Total Amps 27.3 H.P. - K.W. 3 Speed 1500

Input Volts:	Arm. Input Amps.	Output Volts Amps	Field Volts Amps	Speed	Brush Position	H.P.	Remarks
		97 -		1575			Reg all in.
		110 0 75	1.1	1575			No load reading
		110 27.3 75	1.1	1500	N		Loaded.
		110 27.3 80	1.1	1500			"
		110 27.3 82	1.1	1500			"
		110 27.3 84	1.1	1500			"
		110 27.3 86	1.1	1500	N		"
		110 0 86	1.1	1575			No load.
		160 0		1575			Full field.
		100% overload.	O.K.				
108	2.3		1.1	1500			No load as Motor Hot

Resistance .18	} Cold.	Rotation	Clock Comm. End
Resistance .052			Anti-Clock Comm. End
Starting Resistance			
Resistance .027			Reversing

on Test:—

Bearings and Commutation satisfactory.

(Type) Ball & Roller. Date 17.7.46
Type Zone. No. of Lines 4 Size 7x3 Holders/line 1 Grade E.G.3.

Temp. °F	Rise
112	37
99	24
107	32
100	25
75	

Tested by:— 40 mgs,
I.R. to earth
F.B. I.P. to shunt
In Presence of:— Shunt Compound
H.E.S. 2000 A.C.
Flash Volts
Time 1 min

003698-003705-0083