

A70406/9/42

Date 29. 11. 43.

Present at Test Mr. Clark (Admiralty Overseer).

| h.m. | Volts. | Amperes | | | Revs. per min. | Temp. (F.) Air. | Temp. (F.) by Ther- mometer upon or within Frame. | Temp. (F.) and Rise. | | | | Shunt Resistance and per- centage Increase G/M. | Shunt Volts G/M. | Full description of general Method and progress of Test. All matters of any interest whatever in connection therewith to be mentioned in this column. The instruments used to be noted, especially in the case of Adm. orders | |
|--|--------|---------|-----|---------------|----------------------|-----------------------|---|----------------------|------------------|------------------------------------|-------------------------|--|----------------------------|---|--|
| | | M. | G. | Shunt. (G) | | | | Armature Core | Commu- tator. | Magnet Coils. Shunt Series. | Inter- pole coil. | | | | |
| Six-hour Run. | | | | | | | | | | | | | | | |
| 9.00 | 220 | 565 | 455 | 4.3 | 600 | 46 | | | | | | | | | |
| 9.30 | " | " | " | - | " | 47 | | | | | | | | | |
| 10.00 | " | " | " | - | " | 48 | | | | | | | | | |
| 10.30 | " | " | " | - | " | 50 | | | | | | | | | |
| 11.00 | " | " | " | - | " | 52 | | | | | | | | | |
| 11.30 | " | " | " | - | " | 54 | | | | | | | | | |
| 12.00 | " | " | " | - | " | 55 | | | | | | | | | |
| 12.30 | " | " | " | - | " | " | | | | | | | | | |
| 1.00 | " | " | " | - | " | 56 | | | | | | | | | |
| 1.30 | " | " | " | - | " | " | | | | | | | | | |
| 2.00 | " | " | " | - | " | " | | | | | | | | | |
| 2.30 | " | " | " | - | " | " | | | | | | | | | |
| 3.00 | " | " | " | 4. | " | " | | | | | | | | | |
| ===== | | | | | | | | | | | | | | | |
| No. 88796. | | | | | | | | | | | | | | | |
| Shunt Volts. | | | | | | | | | | | | | | | |
| 213 | - | 683 | - | 585 | | | | | | | | | | | |
| 218 | | 569 | | 593 | | | | | | | | | | | |
| 220 | | 455 | 4.1 | 600 | 160 | | | | | | | | | | |
| 226 | | 341 | | 607 | | | | | | | | | | | |
| 231 | | 227 | | 615 | | | | | | | | | | | |
| 220 | | 0 | | 630 | | | | | | | | | | | |
| 231 | | 455 | 4.5 | 600 | 175 | | | | | | | | | | |
| 198 | | 0 | 3.4 | 630 | 132 | | | | | | | | | | |
| 202 | | 455 | | 600 | 128 | | | | | | | | | | |
| ----- | | | | | | | | | | | | | | | |
| No. 88795. | | | | | | | | | | | | | | | |
| 211 | | 683 | | 585 | | | | | | | | | | | |
| 216 | | 569 | | 593 | | | | | | | | | | | |
| 220 | | 455 | 4.3 | 600 | 167 | | | | | | | | | | |
| 226 | | 341 | | 607 | | | | | | | | | | | |
| 230 | | 227 | | 615 | | | | | | | | | | | |
| 220 | | 0 | | 630 | | | | | | | | | | | |
| 231 | | 455 | 4.9 | 600 | 191 | | | | | | | | | | |
| 198 | | 0 | 3.6 | 630 | 140 | | | | | | | | | | |
| 193 | | 455 | | 600 | 121 | | | | | | | | | | |
| ----- | | | | | | | | | | | | | | | |
| 2000 volts applied between main windings & earth { shunts earthed }, for 2 mins. | | | | | | | | | | | | | | | |
| Insulation resistance " " " " " " { " " } = 75 megohms. | | | | | | | | | | | | | | | |
| 2000 volts applied between shunt " " " " " " { main windings earthed } for 2 mins. | | | | | | | | | | | | | | | |
| Insulation resistance " " " " " " { " " } = 100 megohms. | | | | | | | | | | | | | | | |
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| 010466-010477-0268 | | | | | | | | | | | | | | | |
| Lloyd's Register Foundation A. M. Smith | | | | | | | | | | | | | | | |