

W860-0110

23rd September, 1911.

Frank L. Sturgeon.

Messrs The Manganese Bronze & Brass Co. Ltd., Deptford, attend on the 19th July, 1911, and subsequent dates, for the purpose of stamping and testing samples cast on five left hand and five right hand propeller blades, designated Job No. 4138, and intended for the order of Messrs. D. Rowan & Cos' Engine 556-7

The undermentioned samples cut from these blades were tested in my presence with the following results. For the purpose of identification the propeller blades were stamped:-

| Test Mark | Dia. | Area in sq. in. | S.L. Tons per sq. in. | Break Tons per sq. in. | Elongation in 2 inches. |
|-----------|------|-----------------|-----------------------|------------------------|-------------------------|
| 1L        | .798 | .5              | 18.0                  | 33.5                   | 28.0                    |
| 2L        | .798 | .5              | 19.0                  | 35.5                   | 25.0                    |
| 3L        | .798 | .5              | 19.0                  | 35.5                   | 25.0                    |
| 4L        | .798 | .5              | 19.0                  | 34.5                   | 26.0                    |
| 5L        | .798 | .5              | 18.5                  | 33.5                   | 27.0                    |
| 6R        | .798 | .5              | 18.5                  | 34.0                   | 27.0                    |
| 7R        | .798 | .5              | 19.0                  | 35.0                   | 30.0                    |
| 8R        | .798 | .5              | 19.0                  | 34.5                   | 30.0                    |
| 9R        | .798 | .5              | 18.0                  | 33.0                   | 30.0                    |
| 10R       | .798 | .5              | 18.0                  | 33.0                   | 30.0                    |

Fee. £2. 2. 0.

Surveyor to Lloyd's Register.