

TELEGRAPHIC ADDRESS:-
"WIRE" WARRINGTON.
TELEPHONE N^o 11.



WIRE MILLS, WIRE ROPE,
WIRE NETTING.
& GALVANIZING WORKS.

From Rylands Brothers, Limited,

Warrington Jan. 22nd 1897

Certificate for Steel Wire Rigging.

We hereby Certify, that the 152 $\frac{11}{16}$ fathoms of
2 $\frac{1}{2}$ inch circumference galvanized Steel Wire Rigging
supplied to Mess^{rs} W. Hamilton & Co.,
for their boat N^o 631 is
composed of 5 strands, each containing 7 wires of $\frac{1}{16}$ inch
diameter, and that the several wires, after being galvanized, have
been subjected to, and have successfully withstood, the following
tests, viz:—

Each wire has withstood a tensile stress at least equivalent to that
set forth in Table N^o 41, of the Rules of Lloyd's Register
of Shipping, and the aggregate strength of the wires is
not less than 10 per cent. in excess of that stress.

Each wire has been twisted eight times round itself as a core,
and untwisted again and straightened without fracture.

No hemp has been used in the strands, a hemp core only being fitted.

We guarantee that the Steel Wire Rigging of
2 $\frac{1}{2}$ inches in circumference above described will bear a strain
of 11 tons without breaking.

for Rylands Brothers, Limited.

J. S. Hulme

Secretary

GRK 338-0091