

TELEGRAPHIC ADDRESS:-
"WIRE" WARRINGTON.
TELEPHONE No. 11.



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

From Rylands, Brothers, Limited,
Warrington Jan. 4th 1894.

Certificate for Steel Wire Rigging.

We hereby Certify, that the 150 fathoms of
 $1\frac{3}{4}$ inch circumference galvanized Steel Wire Rigging
supplied to Mess^{rs} Wm Hamilton & Co.,
for their boat No 129 is
composed of 5 strands, each containing 7 wires of 0.70 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 No 11, 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
 $1\frac{3}{4}$ inches in circumference above described will bear a strain
of $5\frac{1}{2}$ tons without breaking.

for Rylands Brothers, Limited.

J. I. Hull

Secretary

ARL337-0064