

CERTIFICATE FOR STEEL WIRE HAWSER.

We hereby Certify that the 90 fathoms of
4 inch circumference galvanized Steel Wire Hawser
supplied to _____
for the _____ is
composed of 6 strands, each containing 13 wires of .080 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. 22 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 around itself as a core, and
untwisted again and straightened without fracture.

We guarantee that the Steel Wire Hawser of
4 inches in circumference above described will bear a strain
of 33 tons without breaking.

Glasgow

Arch. Thomson & Co.
Manufacturer.

25 February 1891

