

## CERTIFICATE FOR STEEL WIRE RIGGING.

*per inches*  
We hereby Certify that the 3764 2 fathoms of  
4 1/2 inch circumference galvanized Steel Wire Rigging  
supplied to Messrs Wm Hamilton & Co  
for the Ship "Falkirk" is  
composed of 6 strands, each containing 7 wires of 156 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  
4 1/2 inches in circumference above described will bear a strain  
of 38 tons without breaking.

Liverpool

Clifford Beattie  
Manufacturer.  
August 21<sup>st</sup> 1896