

Submitted the Superintendent of the Cardiff Proving House should be informed that in order to comply with the requirements of the Statute it will be necessary to test swivel pieces, such as are shown in the sketch forwarded, by him, in one of two ways: - viz.

- (1) Either by making the swivel pieces of such length as will permit the selection of a breaking sample of 3 links: or
- (2) By regarding them as anchor attachments and making the links of such size that they will resist, without material distortion, the application of the statutory breaking strain appropriate to the size of the cable to which they are to be attached. In this case the open links in the swivel piece will require to be $1\frac{1}{2}$ times and the stud links $\frac{1}{4}$ time the diameter of the stud links in the cable to which they will be attached.

It is presumed that only the 1st named alternative is practicable at this stage of the work of making the swivel piece, and the Superintendent should inform Mr. Brown Lenox & Co accordingly.

J 24/7/06



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Foundation