

USE OF LAG SCREWS FOR SERVICE ATTACHMENTS

Question:

Rule ref: 6-112-6 says bolts shall be used for securing the wire holder.
(service drop)
Is the lag screw type acceptable?
Are lag screw bolts approved for securing service mast support clamps?

Answer:

Subject: Attachment of Service Conductors

The interpretation of subrule 6-112(6) of the 18th Edition of the Code has raised a number of questions and resulted in non-uniform Code enforcement.

The term “support” refers to actual point of attachment for the service drop to the mast or structure.

Where this “support” is directly attached to a wooden structure and where the use of a mast is not required, then a service knob (emily knob), of the lag screw type, may be used for this purpose.

Where this “support” is required to be mounted on a service mast, then the attachment of the mast to the structure must utilize threaded type bolts complete with washers and nuts to comply with Rule 6-112 (6).

We therefore do not interpret subrule (6) as prohibiting the attachment of a service to a wooden structure by means of a lag screw type of insulator.

Inspectors are reminded that the utility requires the insulator to be of the type where the steel shaft through the porcelain will prevent the service from falling to the ground if the porcelain should break.