Scope and Background Materials

1. GENERAL

1.1 Scope. This standard establishes minimum criteria for safe work practices and training for personnel performing work on communication structures including antenna and antenna supporting structures, broad-cast and other similar structures supporting communication related equipment.

This standard does not address specific work practices or personnel training requirements involving crane applications which are covered explicitly within other ANSI and OSHA standards and regulations. At a minimum, all construction activities on communication structures involving cranes shall include direct communication with the crane company and/or operator to establish rigging plan requirements and key designated personnel to ensure individual roles and responsibilities are fully understood. At a minimum, designated key personnel, where applicable, shall include the crane operator, signal person, spotter and qualified rigger(s) responsible for attaching and detaching the lifted loads from the crane’s hook.
The language in the standard regarding personnel riding the load line on a base mounted hoist is specific to this standard and does not apply to any other industry or standard.

1.2 Application. The information contained in this standard was obtained from sources as referenced, and represents the accepted industry best practices for work on communication structures.

While it is believed to be accurate, this information should not be relied upon for a specific application without competent professional examination and verification of its accuracy, suitability and applicability.

1.3 History The criteria for loading, analysis and design, along with means and methods criteria related to the construction, installation, alteration and maintenance of communication structures were originally contained in the ANSI/TIA-1019-A, *Standard for Installation, Alteration and Maintenance of Antenna Supporting Structures and Antennas*. In response to industry initiatives, separate standards have been developed to provide greater clarity to the industry stakeholders. Means and methods provisions related to construction are now contained in this standard and loading, analysis and design provisions are contained in ANSI/TIA-322, *Loading Criteria, Analysis, and Design Related to the Installation, Alteration and Maintenance of Communication Structures*.

In addition to the official publication of the ANSI/TIA-322 standard, this standard makes specific reference to the ANSI/TIA-1019-A standard for topics related to loading, analysis and engineering design provisions.

With the publication of ANSI/ASSE A10.48 and ANSI/TIA-322, ANSI/TIA 1019-A will become obsolete.

There have also been question as to where OSH Professionals can buy the ANSI/TIA 322 Standard. That document can be ordered from TIA via:

https://global.ihs.com/doc_detail.cfm?&rid=TIA&item_s_key=00692734&item_key_date=860808&input_doc_number=TIA-322&input_doc_title=&org_code=TIA

A10.48 Table of Contents: This will give the interested stakeholder a good perspective of what is in the standard in regards to requirements to appendix materials:

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Links and information related to ANSI/ASSE American National Standards

- Official Memorandum of Understanding Between OSHA & ANSI
- Office of Management & Budget Circular OMB-A119
• Safeguarding: Are ANSI Standards Really Voluntary?
• Standards History Article
• Position Statement on Consensus Standards
• What’s the Difference Between an OSHA Rule and an ANSI Standard?

Examples of Recognition

Please note this is a new standard, and is not yet cited/recognized. However, we believe citation and recognition will take place now that the standard has been published.

Some background articles and materials include below:

