

# **Safety briefing for communication tower construction**





## Overview

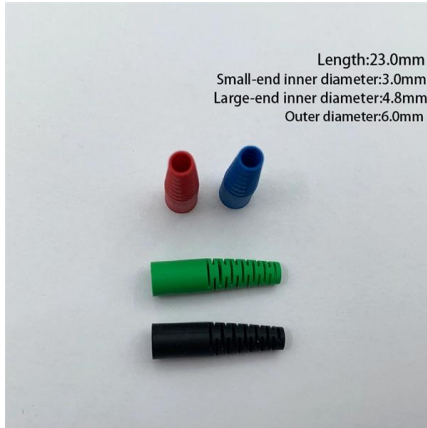
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From using personal protective equipment (PPE) to implementing height safety protocols, electrical hazard precautions, and emergency response plans, this article explores the best practices that every tower construction project should follow. The Occupational Safety and Health Administration and the Federal Communications Commission are concerned about the risks faced by employees in the communication tower industry. Employees climb communication towers to perform construction and maintenance activities and face numerous hazards. Whether building telecommunications, power transmission, or other types of towers, the safety of workers is the top priority.



## Safety briefing for communication tower construction

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### Communication Tower Best Practices

During this workshop, industry stakeholders, along with worker safety advocates and the families of communication tower workers who had been killed on the job, gathered to discuss the issues

### Communication Tower Safety: Preventing falls and other

Every communication tower climbing operation should be accompanied by comprehensive safety planning, including a job hazard analysis and an



### Communication tower safety: Protecting workers in a high-risk industry

The growing demand for wireless networks has increased the need for workers who build and maintain communication towers. This job, however, comes with major risks. Studies show that

### Essential Safety Practices Every Tower Construction Worker Must

From using personal protective equipment (PPE) to implementing height safety protocols, electrical hazard precautions, and emergency response plans, this article explores the best

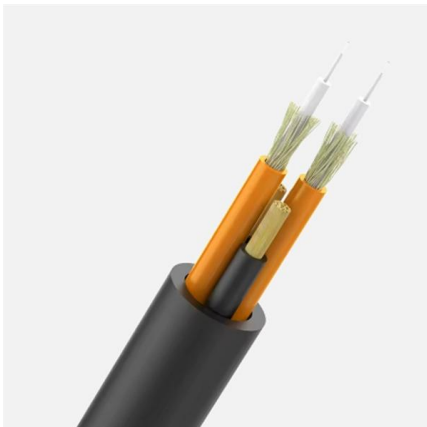


### Risk Management in the Construction of Communication Towers

The main objective of this research project is to investigate risk management on the construction and upgrade of communication facilities. This project considers the effect of project specific elements as

### National Association of Tower Erectors: The Communications

Tower Technicians are regularly exposed to a variety of occupational hazards particularly falls from heights. Advances in telecommunications and an increasing dependence on wireless communication



### Communication Towers

In order to erect or maintain communication towers, employees regularly climb towers, using fixed ladders, support structures or step bolts, from 100 feet to heights in excess of 1000 or 2000 feet.



## Communication Tower Safety Best Practices

This document provides best practices for communication tower safety gathered from industry stakeholders. It outlines general best practices such as establishing comprehensive safety and



### OSHA Booklet Compiles Best Practices for

OSHA recently published a booklet that provides safety information and best practices for preventing injuries among communication tower workers.



### Communication Towers

National Safety Stand-Down To Prevent Falls in Construction webpage Poster for Communication Tower Industry Fall from a Telecommunications Tower: FATAL Facts. OSHA Fatal Facts. Preventing Falls



### Interim Inspection Procedures During Communication Tower Construction

When climbing the tower during construction activities, employees must be protected from falls using a fall arrest system meeting the criteria of 1926.502 or a ladder assist safety device





## A Guide to Understanding Telecom Tower Safety Standards

An expert guide to telecom tower safety standards. Explore the critical rules for structural design, construction, maintenance, and RF exposure to ensure network safety.

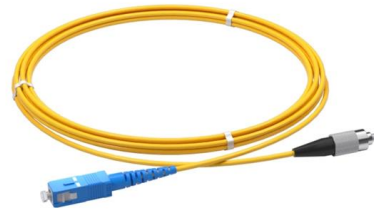


### Communication Tower Safety: Tower Site Checklist:

Site Specific Rescue Plan (Included in Fall Protection?) CRANES AND OTHER EQUIP.

### Q& A: How the A10.48 Standard Can Help Improve

This standard reinforces those requirements to work with a structural engineer and develop a documented rigging plan as part of the overall



### Recommended Best Practices for Communication Tower Design,

Recommended Best Practices for Communication Tower Design, Siting, Construction, Operation, Maintenance, and Decommissioning Migratory Bird Program U. S. Fish and Wildlife Service Falls



### 4.08 Tower Climbing Safety

Section 4.08 Tower Climbing Safety 1. Scope This section applies to all Reclamation employees, contract workers, contractors, and subcontractors that work on communication towers,



### Communication Tower Safety Involves Many

Improve communication tower safety! Learn about OSHA guidelines, fall protection, & visual safety tools to reduce accidents.

### Recommended Best Practices for Communication Tower Design,

Communication towers are some of the tallest structures across the landscape and birds are regularly found dead around these towers (Longcore et al. 2012a). It is not definitively understood



### Final

Service Guidance on the Siting, Construction, Operation, and Decommissioning of Communication Towers. Personal communication from Clark (Director, US Department of Interior Fish and Wildlife

### Directive: Inspection procedures for accessing communication towers



Purpose: To establish guidelines to ensure uniform enforcement of the provisions addressing fall protection and safe access to communication towers during all activities on



### **NIOSH Alert: Preventing Injuries and Deaths from Falls**

WARNING! Workers involved in construction and maintenance of telecommunication towers are at high risk of fatal falls. The National Institute for Occupational Safety

### **Tower worker video highlights updates to construction**

A new video from NATE: The Communications Infrastructure Contractors Association explores updates to the American National Standards



### **Communication Tower Safety**

OSHA is aware of employee safety risks in communication tower construction and maintenance activities and is requesting information from the public on these risks. This RFI requests



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