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SUMMARY

It has been called the most dangerous job in America—and for good reason. Tower climbing has the highest death rate per capita of any occupation in the country, prompting organizations such as OSHA and NATE to increase its regulation of tower sites. Failure to comply with proper climbing techniques can result in large fines for a site owner or a complete shutdown of a site. Proper compliance with safe climbing rules reduces the risks of potentially devastating financial liability claims that can result from an injury or death of a worker.

PROBLEM

The need to properly outfit each climber with proper safety equipment to comply with current regulations and keep climbers safe at all times while working aloft is crucial to the success of any tower project.

FEATURES

- Compliance
- The latest equipment which meets current ANSI and OSHA standards
- Broad offering of products
- Multiple vendors
- Application-specific products
- Ability to deliver next day

BENEFITS

- Decrease in costs through prevention of fines and lawsuits
- Reduced risk of personal injury or death
- Fast response to changes through immediate product availability
- Decreased downtime

REAL WORLD EXAMPLES

Situation: A government agency needed immediate repairs to an existing tower in order to keep communications operational.

Problem: The agency needed specific lengths of Kernmantle ropes in order to comply with regulations and complete the job safely. The ropes had to be cut to specific lengths.

Solution: The agency placed an order with TESSCO for specific lengths of the rope and had them on site the next day.

Situation: A contractor was doing a tower retrofit for a major carrier and was under a strict deadline. He needed all four of his climbers working to meet the deadline.

Problem: An inspector from OSHA showed up at the site His inspection showed that three of the four climbers' harnesses had exceeded the allowable date of use. Without the correct number of climbers, the job could not be completed by the deadline.

Solution: The contractor contacted his TESSCO rep and who determined the types and sizes of harnesses that were needed and had them shipped immediately. The contractor avoided penalties and completed the job on time.

ADDITIONAL CONSIDERATIONS

- Exposure of harnesses to elements or chemicals
- Posting of a safety plan
- Rescue plan
- Additional safety items
- Two-way equipment for communications with cranes or ground crew
- Safety training

PRODUCTS REQUIRED

- Safety harnesses
- Lanyards
- Carabiners
- Safety lines
- Hard hats
- Gloves
- Safety glasses
- Flashlights
- Personal RF monitoring equipment
- EME warning signs
- Tool pouches and belts
- Training and certifications

Knowledge Solutions

Providing the intelligence for optimum, faster decisions

- TESSCO.com
- The Wireless Guide
- The Wireless Journal
- The Wireless Updates
- The Wireless Bulletins