

Reese's

— P I E C E S —

RTS specializes in providing weld inspections, mappings, and condition assessment services to the tower & pole industries



Birds of Prey

Video spotlights raptor nesting and communication towers, including statutes, protocols, and hazards.

In April, the Communications Infrastructure Contractors Association released a video titled “Birds of Prey”. The film focused on the topic of raptors nesting on communication towers. The video represents the second of five in the association’s popular Climber Connection series.

Released to correspond with the bird nesting season, it includes information that tower technicians need to know regarding the federal statutes, state laws and protocols that govern bird nesting on communications towers. The video also includes an interview with Senior Raptor Scientist Dr. Marco Restani. In it he provides practical expertise and guidance related to possible hazards that tower technicians are confronted with at tower sites with raptor nests and safety tips for working in these environments.

“The release of this video is timely given that this is the time of year where our company’s technicians are often confronted with working on cell towers that have raptor nests,” stated Chad Berg from US Tower Services, Inc. in Missoula, Montana. “I would encourage all tower climbers and companies to incorporate this video into their training programs to continue to educate the industry on how to navigate the myriad of laws, reporting mechanisms and best practice scenarios related to nesting on towers,” added Berg.

NATE encourages tower technicians and all communications infrastructure stakeholders to actively participate in this campaign by posting the video on their respective social networking platforms using the hashtag #ClimberConnection.

The Climber Connection series was developed by NATE’s Member Services Committee in cooperation with the NATE Safety & Education Committee. The series was created to provide helpful resources and to communicate the Association’s message directly to the industry’s workforce. □

NATE: The Communications Infrastructure Contractors Association is a non-profit trade association dedicated to providing a unified voice for companies in the diverse tower and communications infrastructure construction, service and maintenance industries. Today the Association boasts over 960 member companies located throughout the United States, Bahamas, Canada, China, Ghana, Israel, Jamaica, Nigeria, Puerto Rico, Saudi Arabia, Singapore, Spain, Trinidad and the United Kingdom. For additional information on NATE, please visit www.natehome.com.



Welding Defects – Underfill

Brian Reese, PE, CWI

Continuing our series on highlighting weld defects this quarter we will address underfill.

What is Underfill?

Per AWS B1.10, underfill is a condition in which the weld face or root surface of a groove weld extends below the adjacent surface of the base metal.

What Causes Underfill to Occur?

It results from the failure of the welder to completely fill the weld joint. This defect is easy to recognize and address.

What Does the Code Say?

AWS D1.1 Structural Welding Code – Steel (2020), Table 8.1, Visual Inspection Acceptance Criteria discontinuity category 4 addresses weld profile. All weld profile shall conform to 7.23 of the Standard. For groove welds per 7.23.3, welds shall have a gradual transition to the plane of the base metal surfaces. Repair involves adding more weld to the connection. □





NATE Unveils “Suspension Trauma” Video

Video Challenges Industry to Look at Suspension Trauma Response from New Perspective

The Communications Infrastructure Contractors Association has released a video on the topic of suspension trauma. It is the third of five from the association’s climber connection series.

The video includes important information that all tower technicians, trainers and first responder personnel need to know regarding how to respond effectively to a suspension trauma situation at a tower site. Actual reenactment footage filmed at a tower site is utilized in the video to illustrate what happens to a tower climber in a suspension

trauma situation. The video also features a testimonial interview with renowned rescue trainer Brian Horner of LTR Training Systems, Inc. who challenges the industry to address suspension trauma rescue and response from a new perspective; utilizing better techniques, equipment and management systems.

“As a safety trainer, this topic has been a heated discussion point of mine for a number of years. The information in this video is a paradigm shift on understanding worker susceptibility to suspension and its treatment. It can serve as

the impetus to introduce better response and rescue protocols when it comes to the threat of suspension syndrome to workers in the tower industry,” stated Brian Horner, from LTR Training Systems, Inc. in Anchorage, Alaska. “I would encourage all tower climbers and companies working in the industry to watch and share the information contained in this video and proactively pursue additional training, education and research related to suspension trauma,” added Horner. □



Reese's MINIATURES

IN DOCTOR, DOCTOR GIMME THE NEWS



RTS

ALMOST SCIENCE FICTION, 5G IS THE FIFTH GENERATION TECHNOLOGY STANDARD FOR CELLULAR NETWORKS.



ITS SPEED IS ACHIEVED PARTLY BY USING HIGHER-FREQUENCY RADIO WAVES THAN CURRENT NETWORKS.

THE FASTEST 5G IS MMWAVE.



SPOILERS... SECURITY CONCERNS ARE ON THE RISE!



BUT SECURITY PROBLEMS IN MOBILE NETWORKS IS NOTHING NEW!



WE CAN'T TIME TRAVEL, BUT 5G MAY INTRODUCE IMPRESSIVE AND WORLD-ALTERING TECHNOLOGIES.



SCIENCE. NOT FICTION. REESE TOWER SERVICES.

At RTS we care about a job done right. That's just another reason we advocate proper working practices. For more information on our expertservices and practices, and the expert services we offer, including weld inspections, mappings, and condition assessments visit us at: reesetowerservices.com

WORDS & PICTURES by Scott and Kari Dolash