

Reese's

PIECES

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

RTS Announces New Vice President

Reese Tower Services (RTS) is pleased to announce **Jeremy Klapac** has joined the organization as Vice President.

“We’re delighted that Mr. Klapac has joined RTS and will be bringing his vast experience in the modification industry to expand our abilities to serve our customer’s needs” said **Brian Reese**, President. “Jeremy brings a unique combination of operations expertise, extensive background in tower mods and a focus on client service which are the perfect compliments to our engineering services in this market.”

“Jeremy is well-known and well-regarded across our industry” said Reese. “We look forward to his leadership internally, but more importantly his contributions to both our existing clients and the new relationships he’ll be developing.” □

NATE Recognizes Tower Technicians

Paying tribute to the work of skilled tower technicians, **NATE** announced May 9, 2018 as Tower Technician Appreciation Day. This marked the second straight year that a day was set aside to coincide with OSHA’s National Safety Stand-Down Week.

Senator John Thune (R-SD), who serves as Chairman of the U.S. Senate Committee on Commerce, Science and Transportation said, “They don’t have an easy job, but thanks to their dedication and unique skill set, the United States is continuing to expand its wireless broadband footprint, and we’re in a much stronger position in the race toward 5G,” he added, “I’m glad to once again join NATE in congratulating and honoring all of the hardworking tower technicians who play a critical role in maintaining the communications infrastructure across the country.”

“Today’s skilled technicians are expected to possess the diverse skill set necessary to safely deploy and expand universal broadband, public safety communications and ubiquitous 5G coverage across North America, while repacking the broadcast spectrum.” said NATE Chairman **Jim Tracy**. “NATE is proud to highlight and salute these dedicated technicians who work tirelessly to meet both our present and future communications needs.” □



Welding Defects – Undercut

Weld inspectors use the American Welding Society AWS D1.1 Structural Welding Code – Steel to guide their weld inspection activities. In the 2015 edition, Table 6.1 – Visual Inspection Acceptance Criteria details post welding inspection activities. One of the welding defects listed that we often hear about in failing CWI reports is undercut. In this newsletter, we are going to highlight this defect.

What is Undercut?

AWS defines undercut as a groove melted into the base metal adjacent to the weld toe and left unfilled by weld metal. This groove creates a mechanical notch which is a stress concentrator. A stress concentrator weakens a connection and reduces its resistance to fatigue. Engineers do NOT like stress concentrators!

Why Does Undercut Occur?

Undercut is generally associated with either improper welding techniques such as excessive welding travel speed or excessive welding currents, or both.

Is there Allowable Undercut?

For statically loaded nontubular connections and material less than 1” thick, undercut shall not exceed 1/32” with the following exception: undercut shall not exceed 1/16” for any accumulated length up to 2” in any 12”. For material equal to or greater than 1” thick, undercut shall not exceed 1/16” for any length of weld. For cyclically loaded nontubular connections in primary members, undercut shall be no more than 0.01” deep when the weld is transverse to tensile stress under any design loading condition and undercut shall be no more than 1/32” deep for all other cases. While AWS provides these allowable undercut values for the CWI to interpret, it is not preferential to leave undercut that’s code borderline for aesthetic reasons. Some CWIs will request that it be repaired regardless.

The more we understand about welding defects the more we can work to eliminate them and achieve that elusive passing CWI report! □





Hubble Foundation Holds Third Annual Golf Tournament

On April 26, the Woodman Golf and Country Club in Canton, GA. hosted the Hubble Foundation's Third Annual Charity Golf Tournament to benefit the widows and families of fallen climbers.

More than ten thousand dollars was raised at this year's event,

which also included an auction, best putt and best drive contests, and contests sponsored by Dixon Golf.

The list of teams, tournament sponsors, and auction sponsors included, but was not limited to; Excell Communications, MillerCo, Inc., Tower King II, Mid America

Towers, Southern Towers, Kenwood Telecom, and Reese Tower Services.

The monies raised will be used to provide families of fallen climbers funds for bills, funeral expenses, food and more, as well as to help support advocacy and participation in conferences, meetings

and academic research.

How to Learn More

For more information on this and other Hubble Foundation charitable events, to make a donation, or learn more about the mission of the foundation, visit www.hubblefoundation.org

Reese's MINIATURES IN A RETROSPECTIVE INTRODUCING JEREMY KLAPAC



A BRIAN REESE PRODUCTION

BRIAN: "RTS LAUNCHED REESE'S PIECES WITH THE IDEA IT WOULD HAVE A UNIQUE IDENTITY."

"WE KNEW IT WOULD BE SUPER, AND COULDN'T BE A SECRET."



"OUR TOPICS WOULD INCLUDE TOWER CLIMBING SAFETY AND SMART WELDING PRACTICES."

"WE'D TAKE YOU TO VISIT REMOTE SITES AND DISCUSS THEIR HAZARDS."

WORDS & PICTURES by Scott Dolash

"REESE'S PIECES WOULD ANNOUNCE CONTESTS FOR MOVIE PASSES, DVD'S, AND LEGO MINIATURES, AND RTS WOULD PARTNER WITH ORGANIZATIONS LIKE THE HUBBLE FOUNDATION"

"WITH GREAT POWER COMES GREAT RESPONSIBILITY."

Reese Tower Services

advocates safe working practices. For more information on safety and the the expert services RTS offers, including weld inspections, mappings, and condition assessments visit us at: www.reesetowerservices.com