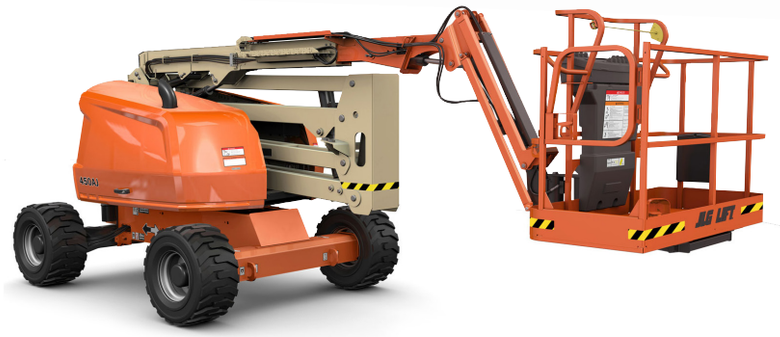
Company Newsletter for RTS: Tower Information from the Top Down 4th Quarter, 2023

Reese's PIECES

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



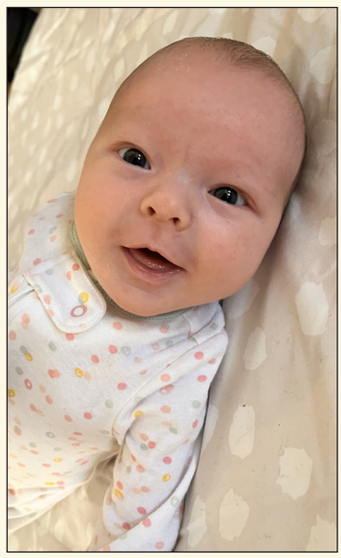
MEWP Rescue – What's Your Plan?

Article Courtesy of Kathy Gil, Tower Safety

Regardless of the industry, mobile elevating work platform (MEWP) rescue planning is critical to employee safety. While tower owners and carriers have traditionally done a better job at training for such rescues, other industries have not. What do we mean by rescue? Rescue means training and practicing, it means the right mindset for a moment that requires quick thinking, a quick reaction, and trusting your instincts as well as the gear you have been trained to use.

Tower Safety recently attended a Scaffold & Access Industry Association (SAIA) meeting and became the first telecom member in nearly 50 years to become a part of the ANSI 92 Standards regulating the use of MEWPs. Much can be learned from this organization to assist our industry. Are we training our MEWP users for the supervisory, user, or occupant roles and are we putting a rescue plan into our JSAs when using this type of equipment? Mechanical lifts fall under the scaffolding regulation for OSHA (1926.453) and in 2018 new standards were released by ANSI/SAIA requiring supervisors, users, and occupants to be trained in safe use, knowledge, and rescue related to the safe operation of this equipment.

The list of the top 10 most frequently cited standards following inspections of worksites by OSHA includes scaffolding (which includes MEWPs). ANSI/SAIA Standard A92.22 Safe Use of Mobile Elevating Work Platforms requires a rescue plan be established before lifting. Rescue planning is a necessary component of a risk assessment when working at height. We also need to understand our PPE – users and occupants should use full body harnesses with a short restraint type of lanyard. Regardless of the industry, MEWP training and rescue planning is critical to employee safety. □



RTS Adds It's Newest Mini

Reese Tower Services welcomed another future climber on Saturday, September 30th, 2023. Eleanora Juliette Reese was born to Cody and Amanda weighing 6 lbs 14 ounces, and was 18 ½" long. The parents say that Nora arrived a little early but is doing well.

TIA-222 Revision I

The Structural Standard for Antenna Supporting Structures, Antennas and Small Wind Turbine Support Structures, ANSI/TIA-222-I-2023, was approved on September 25th of this year and takes effect on January 1, 2024. This latest revision, Revision I, will replace revision H. The Standard is revised or reaffirmed every five years by TIA's TR-14 committee.

The revisions begin

Work on this latest version began in 2019 and was prepared through the consensus standards process. This process is accomplished by balloting in compliance with the Telecommunications Industry Association (TIA) and the American National Standard Institute (ANSI).

The objective is to provide recognized literature for antenna supporting structures and antennas pertaining to minimum load requirements as derived from ASCE 7-2022, "Minimum Design Loads for Buildings and Other Structures", design criteria as derived from AISC-360-22, "2022 AISC Specification for Structural Steel Buildings" and ACI 318-19, "Building Code Requirements for Structural Concrete". The information contained in the Standard was obtained from available sources and represents, in the judgment of TR-14, the accepted industry minimum structural standards for the design of antenna supporting structures and antennas.

Notable changes in revision I include the following:

1. Updated load exposure and topography equations to match ASCE 7-22
2. Added tornado loads for risk category III and IV to match ASCE 7-22
3. Added fatigue loading provisions
4. Provided criteria for performing more advanced foundation analyses
5. Grounding ohm protection requirements revised to be consistent with NESC and TIA-607
6. For existing structures clarified what a changed condition is
7. Relaxed some tolerances on guy wire tensions and plumbness of monopoles
8. Ring collar mount analysis applicable for all monopole shafts less than 3/8" thick

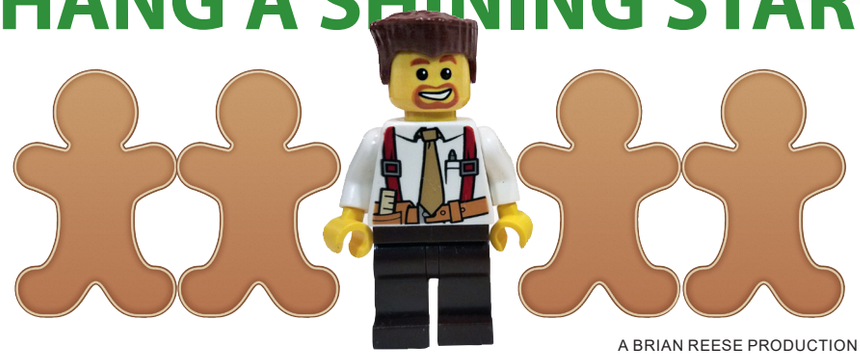
The Standard is dedicated to David Brinker, who retired following 30 years of service at Rohn. He is recognized for his influence and many contributions to standards within the industry.

For more information

Structural requirements during construction and construction means and methods provisions are not within the scope of the Standard. For construction related loading, analysis, and design requirements during construction, installation, alteration, and maintenance, referto the ANSI/TIA-322-A Standard, "Loading, Analysis, and Design Criteria Related to the Installation, Alteration and Maintenance of Communication Structures". For applicable construction means and methods provisions, refer to the ANSI/ASSP A10.48 Standard, "Criteria for Safety Practices with the Construction, Demolition, Modification and Maintenance of Communication Structures". □

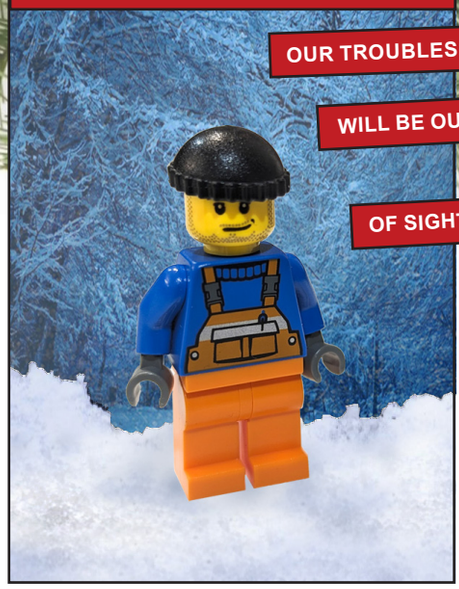
Reese's MINIATURES

HANG A SHINING STAR



A BRIAN REESE PRODUCTION

HAVE YOURSELF A MERRY LITTLE CHRISTMAS, LET YOUR HEART BE LIGHT. FROM NOW ON



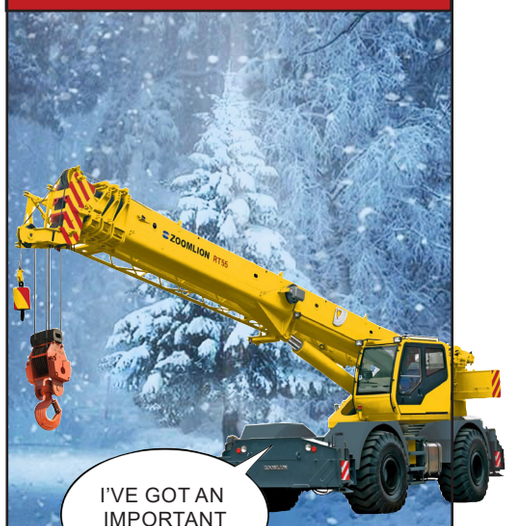
HAVE YOURSELF A MERRY LITTLE CHRISTMAS, MAKE THE YULETIDE GAY,

FROM NOW ON, OUR TROUBLES WILL BE MILES AWAY.

HERE WE ARE AS IN OLDEN DAYS, HAPPY GOLDEN DAYS OF YORE.

FAITHFUL FRIENDS WHO ARE DEAR TO US GATHER NEAR TO US ONCE MORE.

THROUGH THE YEARS WE ALL WILL BE TOGETHER, IF THE FATES ALLOW



SO HANG A SHINING STAR UPON THE HIGHEST BOUGH,

MERRY CHRISTMAS from REESE TOWER SERVICES.

From the RTS family to yours,
we wish you and your family
a Merry Christmas and Happy New Year.
May we never forget the reason
for the season and our many blessings .

For more information on
our weld inspections,
condition assessments,
and mappings, visit us on
Facebook, LinkedIn,
or at: reesetowerservices.com

WORDS & PICTURES by Scott and Kari Dolash