

Additional Considerations for Tower Installers

INSTALLATION INSTRUCTIONS, WARNING LABELS, CATALOGS, GUY CHARTS, ETC. ARE AVAILABLE FROM ROHN.

DUE TO GOVERNMENT REGULATIONS, BE SURE YOUR CUSTOMERS ARE INFORMED AS TO PROPER INSTALLATION INSTRUCTIONS WHEN PURCHASING ANY ANTENNA SUPPORTING STRUCTURE.

THE MIXING OF SO-CALLED INTERCHANGEABLE COPIES OF ROHN TOWERS WITH ROHN TOWERS IS DANGEROUS AND VOIDS ALL ENGINEERING OR WARRANTY DATA SUPPLIED BY ROHN. MATERIALS USED BY THE SO-CALLED COPIES ARE NOT THE SAME QUALITY AND HAVE NOT BEEN TESTED OR ENGINEERED BY ROHN TO CONFORM TO THE SAME QUALITY STANDARDS. MIXING OF ROHN ITEMS MAY ENDANGER THE LIVES OF YOUR CUSTOMERS AND CAUSE SERIOUS TOWER FAILURES AND FINANCIAL MISFORTUNE FOR ALL CONCERNED.

Installing and rigging towers, masts, and antennas require specialized skills and experience. Information supplied by Rohn assumes that all products will be installed by personnel having these skills and having installed similar products before. No one should attempt to install towers or masts without these skills and experience.

Rohn assumes no liability if faulty or dangerous installation practices are used. There are available trained and experienced personnel to assist in installation, maintenance, and disassembly. Contact your local installer if consultation or assistance is required.

Rohn does not recommend or warrant in any way the use of used tower sections. The use of used tower sections voids all warranties set forth by Rohn because no one knows if the used material has been misused, overloaded, or damaged. If, for some reason, tower sections are re-used, all new, galvanized, high strength bolt assemblies are recommended.

Rohn recommends anti-climb sections on all towers to prevent unauthorized persons from climbing towers.

All antenna installations must be grounded per local or national codes.

Do not install towers or masts near power lines. All towers or masts should be installed out of falling distance of power lines since every electrical and telephone wire should be considered dangerous.

All types of antenna installations should be thoroughly inspected by qualified personnel and remarked with hazard and warning labels at least twice a year to insure safety and proper performance.

Rohn makes available many items and types of towers which may or may not be required for your particular installation. Based on local, state, or federal laws and building codes for your area, it may be necessary that your particular tower have special items or be given special consideration.

Rohn makes available, either as standard or specials, many items and special care should be taken as to whether any or all of these items are required for your tower. Please be specific and advise us of your exact needs. Rohn cannot be responsible for any omission at anytime.

Some items available in various types and sizes are safety climbing devices, ladders, safety cages, anti-climbing devices, work platforms, rest platforms, F.A.A. painting or lighting, grounding, and fencing. Special engineering service and special packaging are also available. If there are any special requirements for your tower, be sure to include them in your request for quotation and on your order.

Due to the present day Occupational Safety and Health Act regulations, towers and parts are available incorporating features which will permit a safe product. However, the following is our position with regard to OSHA.

It is Rohn's intention to comply with the Williams-Steiger Occupational Safety and Health Act of 1970. It is a policy of Rohn to design and make towers and related equipment that are safe to use without hazards to people and/or property. We cannot, however, agree to a "blanket" certification that we are in total compliance with this Act because there are provisions in it whose meaning and application are unclear.

Therefore, we ask that you list your specific requirements with which you wish us to comply. These requirements may or may not affect the price of the towers and equipment under consideration for purchase.

We appreciate the opportunity afforded and would be happy to answer any additional questions you may have relative to our proposal.

Your tower may or may not include step bolts for construction purposes. Step bolts are supplied on self-supporting towers as a convenience during construction.

If your tower has step bolts, the spacing at the section joints may not be consistent with the spacing throughout the tower. If this condition presents any hazard, please do not use these step bolts. If you or your customer think this possible unequal spacing will present safety problems to any personnel, do not install any step bolts. For proper safety Rohn recommends a ladder and safety climbing device on large towers where inexperienced personnel climb the tower.

Rohn will not be responsible for the use of step bolts. If you wish to use step bolts as supplied, this responsibility will be totally yours or your customers.

Universal has been serving the amateur and listening communities since 1942. We offer an extensive line of new and used equipment at competitive prices.

Phone Hours

Sun	Mon	Tue	Wed	Thr	Fri	Sat
Closed	10-5	10-5	10-5	10-5	10-5	Closed

Universal Radio

752 N. State St. Unit 222
Westerville, Ohio
43082 U.S.A.
Phone: 614 866-4267

©1992-2021 Universal [PAMPANT1] 08/06/21

Antenna Safety Advisory

The following general recommendations are made to insure your safety during the installation of a communications antenna. The material that follows should be considered as an important supplement to the specific directions supplied by the manufacturer of the antenna.

- If you are installing or dismantling your antenna for the first time, seek professional assistance. If you are unsure of your competency regarding the installation, it is best to seek the help of a qualified professional antenna or tower installer.

- Read the manufacturer's directions and this advisory in full before proceeding.

- The installation or dismantling of any antenna near power lines is dangerous. Each year hundreds of people are killed or injured while attempting to install or dismantle an antenna. In many cases, the victim was well aware of the dangers, but did not take adequate steps to avoid the hazards. For your safety and proper antenna installation, read and follow all safety precautions.

- Choose an installation site for safety as well as performance. **REMEMBER - ALL ELECTRIC POWER LINES AND TELEPHONE LINES LOOK ALIKE. FOR SAFETY SAKE, ASSUME ANY OVERHEAD LINE CAN KILL YOU.** Do not place an antenna where it could potentially fall on to, or blow into a power line. To determine the SAFE DISTANCE follow these steps:

- (A). Determine the proposed height of your antenna.
- (B). Add the antenna length and the length of your tower mast.
- (C). Double the figure.

Your answer will be the minimum safe distance (in feet) from the nearest power line that you should install your antenna.

- Call the Power Company. Let them review your site. This might seem like an inconvenience, but a few hours with the Electric Company may help avoid a fatal accident. Play it safe. Never dig without contacting the utility companies.

- Never use a utility pole as a support for an antenna or guy wire. Never climb a utility pole.

- Outdoor antennas should be grounded with an approved lightning arresting device. Local codes may apply. The radio should also be grounded to an earth ground to help protect both the radio and its user. Do not use hot water pipes or gas lines as a ground source.

- Height or other restrictions on antennas may apply to your installation depending on your proximity to an airport, or local ordinances.
- Take the time to plan your installation procedure. Each person should have assigned tasks. A foreman or "boss" should be chosen to call out instructions and watch for signs of trouble.
- Dress properly with rubber soled shoes, rubber gloves, and long sleeve shirt. Use an approved safety belt.
- Do NOT work on a wet, snowy or windy day or if a thunderstorm is approaching.
- Do NOT use a metal ladder.
- If the assembly starts to drop . . . get away from it and let it fall. Remember that the antenna mast, cable, and guy wires are all excellent conductors of electrical current.
- If any part of the antenna should come in contact with a power line . . . **DON'T TOUCH IT OR TRY TO REMOVE IT YOURSELF. Call your local power company** immediately. They will remove it.
- Should an electrical accident occur . . . **DON'T TOUCH THE PERSON IN CONTACT WITH THE POWER LINE**, or you too can become electrocuted. Instead, use a DRY board, stick, or rope to push or pull the victim away from the power lines and antenna. Once clear, check the victim. If he has stopped breathing, immediately administer cardiopulmonary resuscitation (CPR) and stay with it. Have someone else call for medical help.
- Remember that guyed towers are NOT self-supporting at any height. If your antenna installation includes towering, read the additional advisory on towers.
- Install wire antennas high enough that they will not be "walked into" by people.
- Do not install wire antennas over or under utility lines.

