



UTILITY STRUCTURES



Manufacturing Locations:

6718 W. Plank Road
Peoria, IL 61604

#1 Fairholm Avenue
Peoria, IL 61603

www.rohnnet.com

broadcast | wireless | sports lighting | utility | wind | transportation

About Us

ROHN has been the world leader in tower design and manufacturing for more than six decades. We continue to meet the demands of our customers with innovation in design, continuous process improvement and a drive to employ the talent and knowledge leaders in the industry. ROHN maintains one of the largest manufacturing and staging facilities in the tower industry. Our people have a commitment and passion to supply the best and be the best, for your benefit.

ROHN fabricates our towers from the highest quality steel. We maintain mill certification on the raw materials we receive to verify the material composition of each structural member. With a focus on quality, our fabrication facility has been awarded Certification by the American Institute of Steel Construction and the Canadian Welding Bureau. We have also been approved by the City of Los Angeles, CA and Clark County, NV as a certified fabricator.

We are confident that our facility and staff can produce superior grade towers, poles and structures that will meet your standards and weather the test of time.

Industries Served

Our products are used in an almost infinite array of structural applications. Below we have identified some of the markets that apply our products in very high volumes. If you have a need for a structural steel support, chances are, we have a product that will work.

Wireless

ROHN has been supplying towers to the wireless industry since the industry was born. Whether the application is microwave, cellular, PCS or broadband, we have towers in service supporting wireless communications all around the globe.

Broadcast

When Americans turned on their first television sets, ROHN was there to improve fuzzy receptions with our home antenna tower. During the 40's and 50's, a ROHN TV tower installed on a rooftop or in a backyard meant that family's TV reception was the best on the block. Today, ROHN provides small guyed towers with insulated bases and guy wires for AM applications to 2000' broadcast structures.

Utilities

ROHN's extensive engineering capabilities allow us to provide a variety of structures for the Utility industry. From Transmission and Distribution structures to Switches and Substation Steel, ROHN does it all.

Transportation

ROHN mast arms, monotube assemblies, steel strain poles, high mast poles, camera poles and sign structures are designed and manufactured to the latest AASHTO standards. Our products can be supplied galvanized, paint over galvanized or factory finished paint coat.

Sports Lighting

From a little league baseball field to a major league sports stadium, ROHN has a tower or pole to do the job. Poles are available with the traditional anchor base or for direct embedment. Based on the specific requirements of the lighting project, ROHN's engineering staff will design the proper structure and foundation to support your lighting array.

Wind Energy

ROHN has extensive experience supporting the wind energy movement. In the 1960's ROHN furnished our first lightweight turbine structure. Since then, we have manufactured thousands of meteorological towers and lightweight turbine structures for use all over the world. ROHN's SSV has filled the role of turbine support structure for turbines ranging in size from 50kW down to 2kW. Our 45G and 45GSR towers are commonly used for wind instrument structures, ranging from 50M up to 100M.

For more information about ROHN products and services, please visit our website: www.rohnnet.com



Engineering Qualifications

ROHN has been a trusted name in quality engineered structures since 1948. Our Engineering Department provides in-house structural and foundation design. We are able to design to both domestic and international standards in our designs. Our Engineers study every aspect of a prospective job, ranging from metallurgy to galvanizing studies, before designing a structure to fit your needs. We also maintain a vast electronic library system of drawings. ROHN is one of the few tower design and manufacturers able to provide drawings, sealed by a Professional Engineer, to customers in 49 states as well as Washington, DC and Puerto Rico. Our Professional Drafting staff prepares fabrication drawings in AutoCAD or Inventor for customer use.

Other Engineering Activities:

- ASCE Standards Committees
- ASCE 7 Minimum Design Loads for Buildings & Other Structures
- ASCE 10 Design of Steel Transmission Towers
- ASCE 48 Design of Steel Transmission Pole Structures
- Telecommunications Industry Association TIA-222-G Standards
- International Association of Shell & Spatial Structures

Manufacturing Certifications

ROHN's state of the art manufacturing equipment and facility allows us to fabricate even the most difficult projects with the accuracy and reliability that you deserve. We maintain stringent quality control and material specifications and we monitor: chemistry, strength, ductility, toughness, weldability and galvanizing material before starting any project. We perform several types of inspections on our welds, including: visual, UT, dye pen, mag particle and x-ray. ROHN has over 300,000 square feet of manufacturing and galvanizing facilities along with 110 acres of land to stage our shipments.

Our Manufacturing Certifications:

- AWS Dual Certified (Steel Building Structures & Bridge and Highway Metal Components)
- AWS Certified Welding Educator
- CWB Certified Welding Fabricator
- AWS & CWB Certified Welders & Inspectors
- AISC Certified Steel Fabricator
- Manufactured to latest AASHTO Standards
- City of Los Angeles Certified Fabricator
- Clark County (Las Vegas) Certified Fabricator
- Multiple Vendor Certifications

Capabilities

ROHN can optimize the pole designs based on individual customer requirements, manufacturing efficiencies and material availability. Preliminary calculation packages are sent out to our customers for review and approval prior to manufacturing. Fabrication and erection drawings are produced in AutoCAD and accompany any structure we produce. ROHN uses Power Line Systems software coupled with ROHN developed software for the design of tubular structures and foundations. Our commitment to the utility industry is to provide the highest quality product with the shortest lead time.

Whether it is a single switch, or a multi-structure build-out, ROHN is your solution.

- Heavy Duty Transmission & Distribution Poles
- Switches & Substation Steel
- Direct Embed & Base Plated Poles
- Galvanized, Weathering Steel or Painted Finishes
- Tapered Slip Fit or Connection

