



WIND TURBINE SUPPORT STRUCTURES



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

About Us

ROHN has been a 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 a superior grade of towers and poles that will meet your strictest 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 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.

Broadcast

When Americans turned on their first television sets, ROHN was there to improve fuzzy receptions with our home antenna towers. 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 even if the picture was only black and white and the screen just 12 inches wide. Today ROHN provides small guyed towers with insulated bases and guy wires for AM applications to 2000' television broadcast structures.

Utilities

ROHN can optimize the pole designs based on customer requirements, manufacturing efficiencies, and material availability. Preliminary calculation packages are sent to our customers for review and approval prior to manufacturing. Construction drawings are produced in AutoCAD and accompany any structures we produce. Our commitment to the utility industry is to provide the highest quality product with the shortest lead time.

Transportation

ROHN mast arms, monotube assemblies and steel strain poles are designed and manufactured to AASHTO 2000/2001 standards. Our products can be supplied galvanized, paint over galvanized or factory finished paint coat.

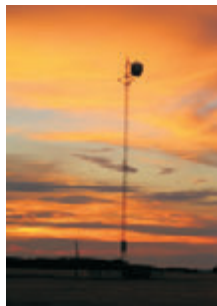
Sports Lighting

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 Products 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 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 Capabilities

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 CAD for customer use.

Other Engineering Standard 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
- ANSI/TIA-Design Supplement for small wind turbine support 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 of 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.

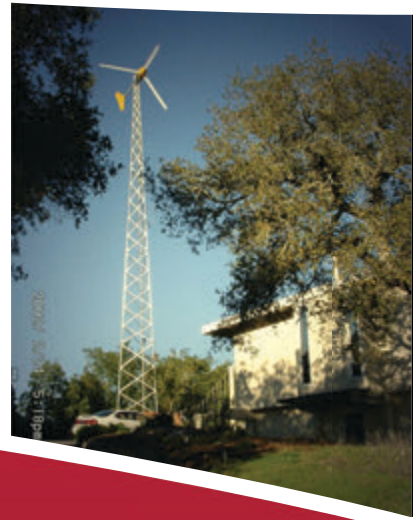
Our Manufacturing Certifications:

- CWB Certified Welding Fabricator
- AISC Certified Steel Fabricator
- AWS Certified Welding Fabricator
- AWS and CWB Certified Welders & Inspectors
- AWS Certified Welding Educator
- City of Los Angeles Certified Fabricator
- Clark County (Las Vegas) Certified Fabricator
- Multiple Vendor Certifications

ROHN can optimize 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 CAD and accompany any structure we produce. ROHN uses software for the design of tubular lattice structures. Our commitment to the wind energy industry is to provide the highest quality product with the shortest lead time.



Products Proudly Manufactured in Peoria, Ill United States of America



Corporate Headquarters

#1 Fairholm Avenue
Peoria, IL 61603, USA

www.rohnnet.com

Mail To:

PO Box 5999
Peoria, IL 61601-5999

Phone: (800) 727-ROHN(7646)
(309) 566-3000