

Wind - MET Towers

TOWER SERIES

Broadcast

Guyed
Self Support
Hybrid

Telecom

Guyed
Self Support
Monopole
Tri-pole

Wind

MET
Turbine

General Information

Turriss meteorological towers are designed as either self-supporting or guyed masts. The towers are typically used for power verification or wind assessments of sites. Turriss can also offer a complete package including installation and instrumentation if required. The towers are designed for hub heights of 60m, 70m, 80m and 90m heights. The designs are available for high winds and heavy icing conditions up to 50mm (2 in) of radial ice. More important, Turriss versatile met towers are climbable which allows for the servicing of the instruments when required.

Optional Items

Turriss met towers are supplied complete with embedded anchoring steel, bolts, external integral ladder or step bolts, and installation drawings. The following items can be supplied when specified by the customer to provide a complete structure:

- Pre-cast concrete foundations
- Grounding kit
- Painting & Aviation warning lighting systems
- Instruments booms meeting IEC 61400-12-1 requirements
- Fall arresting devices and accessories
- Lightning rod.
- Anti-climb systems

Engineering

- Towers are designed in accordance with the Standard TIA/EIA-222 or CSA Standard S37, latest issue.
- Towers can be designed for compliance with other standards and specifications as required.
- Towers are designed for the specified wind and ice loading conditions applicable to the particular site conditions.
- Foundations are selected and designed to suit the conditions reported at the site.
- Towers are designed to applicable specifications using standard analysis software TSTower computer program.

SUPPORTING SERVICES

Program Management

Site Planning & Design

Geotechnical Investigation

Tender Documents

Shop Drawings





Turris is expert in providing engineering, procurement and project management services for communications, broadcast and wind applications. As an established provider of total solutions, Turris works closely with its partner companies, subcontractors and suppliers to provide a seamless result.

Led by a seasoned team of skilled professionals and managers, Turris is an innovative company built on an engineering team with over 40 years of direct industry experience having designed and constructed some of the world's tallest structures and most challenging projects.

Turris members hold a broad spectrum of licenses and certificates and provides engineering services across North America and Internationally. Turris engineers are accredited and active members of ASCE, CSA, IASS, TIA Technical Committees or working groups on Antenna Towers and Wind Energy.

Serving both domestic and international customers, Turris has provided services and products in Canada, United States, Algeria, Bahamas, Cote D'Ivoire, Egypt, Indonesia, Malaysia, Nigeria and Saudi Arabia.

Turris Services and Solutions

- Project Management
 - Site by Site
 - Full Turnkey
- Tower Services
 - New builds & retrofits
 - Engineering design
 - Technical performance specifications
 - Site Inspections
 - Geotechnical Investigations
- Tower Products
 - Guyed
 - Self Supported
 - Monopole
 - Tri-Poles
 - Hybrid / Custom
- Broadcast Services
 - Engineering
 - Tower Supply
 - Material procurement
 - Project Management
 - Maintenance Inspections
- Telecom Services
 - Site Development
 - Engineering
 - Tower Supply
 - Project Management
 - Maintenance Inspections
- Wind Energy Services
 - Site Development
 - Engineering
 - Tower Supply
 - Project Management
 - Site Monitoring

To find out more about the expertise and resources that Turris can bring to your project or deployment, please contact us at:
+1 905.461.9699
Info@turriscorp.com