

**TOWER LOADING QUESTIONNAIRE (USA)**

21 South Field Drive, Elmira, Ontario N3B 0A6  
 Tel: (519) 669-8912  
[www.trylon.com](http://www.trylon.com)

Please complete the form for **EACH TOWER** and submit to your Trylon Distributor. Trylon will conduct a tower analysis and make a tower model recommendation. If you require Distributor contact information, please contact us at [StockProducts@trylon.com](mailto:StockProducts@trylon.com).

**Instructions & Steps**

- Step 1: Complete all sections of the Trylon Tower Loading Questionnaire. Return the completed questionnaire to the distributor. If you require distributor contact information, please contact us at [StockProducts@Trylon.com](mailto:StockProducts@Trylon.com).
- Step 2: Trylon will conduct a tower analysis and recommend a tower model.
- Step 3: The customer must ensure that the same Questionnaire, TA #, Soils & Geo report / notes (if applicable) accompanies the PO to Trylon.
- Step 4: If a P.Eng stamped drawing is required for a Tower Profile, any special requirements or instructions must be included at the same time. Typical lead-time is 7 days for drawings.
- Step 5: If a P.Eng stamped drawing is required for a Tower Profile and a Foundation Design, a Geotechnical Report must be provided at time of PO or the Normal Dry Soil (per TIA -222) must be selected at time of PO. Any special requirements or instructions must be included at the same time. Typical lead-time is 7 days for drawings. *Geotechnical reports can be obtained from your local Geotech company)*

Note that Trylon accepts no liability for incorrect or missing data supplied by the customer / distributor. Therefore, it is incumbent on the customer / distributor to do proper research. Any costs resulting from incorrect or missing data will be borne by the customer or distributor, including costs for a new P.E. stamped drawing package as well as any changes to the tower, foundation or accessories.

Date: \_\_\_\_\_

**CUSTOMER DETAILS**

Contact Name: \_\_\_\_\_ Phone #: \_\_\_\_\_  
 Company Name: \_\_\_\_\_ Email: \_\_\_\_\_

**SITE DETAILS**

Site Name: \_\_\_\_\_ Country: USA  
 Site Address: \_\_\_\_\_ State & County: \_\_\_\_\_  
 Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

**TOWER DETAILS (please check all that apply and fill in blanks as applicable)**

Tower Height Required: Feet _____ Meters _____		Request for a specific Trylon Tower model or type: _____		
<b>Tower Type:</b>	Self Support Knock Down	Guyed All Weld	Roof Top Bracketed	Other
<b>Tower Location:</b>	On Ground	On Roof or Other	If Roof mounted or elevated, height above ground: _____ ft	
<b>Risk Category</b>	I    II    III    IV	<b>Standard of Analysis</b> TIA 222 Rev _____		
<b>Geotechnical Soils Report Available:</b>	Yes    No	<b>Use Normal Dry Soil per TIA-222</b> (Refer to step 5 above)		
<b>Transmission Line Brackets:</b>	Yes    No			
<b>Wave Guide Bridge:</b>	Cantilever	with posts (requires a foundation)	Length of WGB _____ ft	
<b>Climbing Required:</b>	Yes    No	(Stepbolts or ladders determined by tower type)		
<b>Safety:</b>	Trylon Cougar Rail	Trylon Cougar Cable	Other	_____ make & model
<b>Platforms:</b>	Not Required    Required	Provide elevation & description: _____ & add to load chart		
<b>Lightning Rod Required:</b>	Yes    No	If yes, provide elevation: _____ & add to load chart		
<b>Grounding Required:</b>	Yes    No			
<b>Does the tower require lights per FAA:</b>	Yes    No	Notes: _____		
<b>Painted Tower:</b>	Required by FAA    Yes    No	Notes: _____		
<b>Purpose of Tower:</b>	Cellular	Security	PCS	Microwave
	Internet	CATV	Other	

**Special Notes or Instructions:**

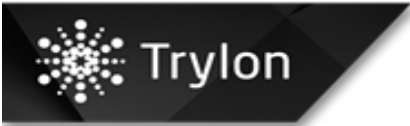
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Please complete the Tower Loading Chart below so that we can complete the Tower Analysis.

TOWER LOADING CHART											
Antenna #	Elevation of Antenna (FT)	Qty of Antennas	Antenna Description / Make / Model	Antenna Dimensions	Effective Projected Area (Sq Ft)	Azimuth (if applicable)	Is a Mount Req'd (Y/N)	Ice Shield	TX Lines (qty)	TX Line Size (inches)	Tilt & Twist max (if applicable) Antenna & Elevation
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

Please attach the antenna spec sheets to this questionnaire.

Future Antenna or other Loads											
Please attach the antenna list or projected Area (sq ft) or complete chart below											
FUTURE TOWER LOADING CHART											
Antenna #	Elevation of Antenna (FT)	Qty of Antennas	Antenna Description / Make / Model	Antenna Dimensions	Effective Projected Area (Sq Ft)	Azimuth (if applicable)	Is a Mount Req'd (Y/N)	Ice Shield	TX Lines (qty)	TX Line Size (inches)	Tilt & Twist max (if applicable) Antenna & Elevation
1											
2											
3											
4											
5											

Special Instructions For Tower Loading:

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P.Eng. Stamped Drawing requested by customer for Tower Profile.

P.Eng. Stamped Drawing requested by customer for Tower Profile and Foundation. A Geotechnical Soils Report is required or specify using Normal Dry Soils

Customer supplied Geotechnical Soils Report.

Use Normal Dry Soil per TIA 222

DISTRIBUTOR USE ONLY
<p><b>Standard Drawings (4.77.0101.200, 4.77.0101.404)</b></p> <p>Customer completed Tower Questionnaire MUST be submitted at the same time as the PO            PO MUST reference Tower Type, Model and Tower Analysis number (TA)  <b>Final Tower Model:</b> _____</p>
<p><b>Custom Drawings (4.77.0101.200, 4.77.0101.404)</b></p> <p>Customer's completed Tower Questionnaire MUST be submitted at the same time as the PO.            PO MUST reference Tower Type, Model and Tower Analysis number (TA)            If using a Geotechnical Soils Report, it MUST be submitted at the same time as the PO.            If necessary: Any 'special' information MUST be clearly summarized and submitted at the same time as the PO.  <b>Final Tower Model:</b> _____</p>