

Mast Design Audit Certificate

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| Mast Reference Type | T1100 |
| Mast Description | 15m Triangular Tubular Lattice Mast |
| Mast Type | Self-Supporting |
| Manufacturer / Supplier | RTS |
| Client | Vulatel |

The tower has been audited to SANS specifications and approved for construction with respect to the following design parameters as detailed below:

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| Basic Fundamental Wind Speed | 28m/s |
| 3-Second Gust Wind Speed | 39.2m/s |
| Wind Return Period | 50yrs |
| Terrain Category | B |
| Site Altitude | 1000m Above Mean Sea Level |
| Ground Datum | 0m |
| Mast Loading | 5m ² Over Top 3m of Mast |
| Material Grade | S355JR |
| Bolt Grade | Grade 8.8 |
| Main Leg Members | 76.2 OD 3.5mm Circular Hollow Section (L1) 60.3 OD 2.5mm Circular Hollow Section (L2) 60.3 OD 2.5mm Circular Hollow Section (L3) 38.1 OD 2.5mm Circular Hollow Section (L4) 38.1 OD 2.5mm Circular Hollow Section (L5) |
| Diagonal Members | 38.1 OD 2.5t Circular Hollow Sections |
| Horizontal Members | 38.1 OD 2.5t Circular Hollow Sections |

This document does in no way relieve the supplier of any of their responsibilities for the structure.

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