

Company Reg. No: 2017/230903/07

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Mast Design Audit Certificate

Mast Reference Type	N450
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:

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	1m ² Over Top 3m of Mast
Material Grade	S355JR
Bolt Grade	Grade 8.8
Main Leg Members	42.9 OD 4.0t Circular Hollow Section
Diagonal Members	16mm OD Circular Round
Horizontal Members	12mm OD Circular Round

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

Coenraad Groenewald

Pr Tech (Eng)

Reg No. 201570370