

## **Mast Design Audit Certificate**

Mast Reference Type	450N
Mast Description	15m Triangular Tubular Lattice Mast
Manufacturer / Supplier	RTS
Client	Easy Web

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

Mast Outline GA Drawing No.	28/08/16/15M Revised
Basic Fundamental Wind Speed	28m/s
Wind Return Period	50yrs
Terrain Category	C
Site Altitude	1500m Above Mean Sea Level
Ground Datum	0m
Mast Loading	1x 0.9m Dish at 8m above NGL 1x 0.6m Dish at 8m above NGL 1x 0.3m Dish at 8m above NGL 1x 0.3m Dish at 15m above NGL 3x Sector Antennae (1m x 0.1m) at 15m above NGL
Material Grade	S355JR
Bolt Grade	Grade 8.8
Main Leg Members	43.5 OD 3.0t Circular Hollow Section
Diagonal Members	12mm 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