PTMs READY FOR DESPATCH

PTM FOR SHELTER ROOF

Brief Quality activities

Our QC involves in all the activities to ensure that all the products sourced and manufactured by Kadevi are in compliance with National & International standards at all stages of Inspection detailed as under:-

Incoming Material Inspection:
All the Incoming Materials are inspected and released in accordance with documented procedure to ensure adequacy with regard to requirements.

In process Inspection:
On line testing is carried out in process to ensure that Product Quality is in conformity with relevant Standards in respect of physical, chemical and mechanical compositions.

Final Inspection:
Final Inspection check is carried out to ensure that Product Quality is in conformity specifications. Finishing and treatment process is done for protection against corrosion and rust in line with International Standards.
Inspection and Test Reports / Records are maintained to establish that the product has passed inspection and testing in accordance with criteria defined in the Inspection and Testing Procedures.

Records are maintained for calibration and verification of monitoring and measuring equipments.

We are ISO 9001-2008 certified for Quality Management Systems by NQA-UKAS

Training:

At Kadevi, we believe in continual learning. We have a dedicated Learning and Development Centre headed by General Manager overseeing training needs of personnel of all Divisions.

KADEVI
Serving the Nation since 1964...

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ISO 9001-2008 & ISO 14001-2004 & BS OHSAS 18001-2007 CERTIFIED COMPANY

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PNEUMATIC TELESCOPIC MAST

PNEUMATIC TELESCOPIC MAST

About Kadevi

Kadevi was established in 1964 and started as a small scale industry manufacturing Communication Antennae and Pneumatic Telescopic Masts. Subsequently the company further expanded its wings into various manufacturing & service fields.

Kadevi has rapidly grown to a large scale industry just in 3 years and has received several awards and became a pioneer in all fields. Today, the company has 1000 plus strong manpower.

Manufacturing Divisions

- Towers & Galvanising
- Telescopic & Guyed Masts
- Antenna Systems
- Steel Rolling Mill
- Fasteners
- Generators

Service Divisions

- Transmission & Distribution
- Tower Installations
- EPC & TSP

Telescopic and Guyed Masts Division:

Telescopic and Guyed Masts division of Kadevi has several innovative, customer delight products such as :

- Pneumatic Telescopic Masts
- Electro Mechanical Masts
- Rope Drive Masts
- Push fit Masts
- Guyed Towers
- Counterpoise Earth Systems
- Cell on wheels
- Ground Rapid Deployment Systems

Our intensive in-house design and strong focus on manufacturing process and quality systems,enables us to supply high quality products and deliver cost effective timely solutions. We also offer customer specific solutions.

Over the last 45 years, we have pioneered the art of making all types of Telescopic Masts and Guyed Towers to cater to Vital and Mission critical Integral and Tactical Communication needs of Indian Armed Forces and other establishments.

We have been approved by DIRECTOR GENERAL OF QUALITY ASSURANCE (DGQA) for supply of Masts to Indian Army meeting stringent standards.

PNEUMATIC TELESCOPIC MAST:

Pneumatic masts are ideal for fixed and mobile radio communication, surveillance, elevated testing and mobile radar applications. These masts could be deployed for extended periods and are versatile. Ease in operation, quick deployment and transportation are the key differentiations of these masts when compared to other types

Description:

Pneumatic Telescopic Masts are manufactured using heat treated high tensile aluminium alloy sections of different diameters telescoped into each other. The number of sections varies depending on the erected height , shut height and head load. The mast can be erected easily using low pressure air either by a foot pump or air compressor. As the sections extend vertically, they are locked using locking collars which are provided at the top of each section. Operating these collars is easy through thumb-screws / Allen keys. Once these collars are locked properly they allow the mast sections to remain in extended position. A full length key-way is provided in each of the section to prevent relative rotation between the sections. In order to withstand heavy wind loads, robust mast sections are also anchored with guy ropes at different levels.

Features:

- Economical and efficient alternative to conventional towers.
- Erection is quick and simple with minimum time.
- Light weight, compact and easily transportable.
- Withstands wind load of greater than 120 kmph
- Installed on ground or mounted on the vehicle.
- Durable service life with minimum maintenance.
- Masts made of corrosion-resistant materials.

Applications:

Some of the applications of PTMs are listed below:

- Fixed and Mobile Radio communication
- Conducting geodesic surveying
- Providing temporary illumination
- Jamming unwanted radio signals
- Radio Survey
- Testing wireless cables
- Measuring field strength
- Mounting Lightning arrestors and CCTV Cameras
- Remote Surveillance
- Measuring Noise levels
- Temporary Flood lights
- Out door communication Van

Product Range and Brief Specifications:

Erected Height	3 Metres To 33 Metres
Retracted Height	As per Customer requirement
Head Loads	Upto 200 kg.
Type of Mast	Guy Support or Self Support
Wind Speed (Operational)	80 Kmph.
Wind Speed (Survival)	120 Kmph.
Type of application	Ground Mounting or Vehicle Mounting.
Environmental Conditions	Suitable for all weather conditions / As per JSS55555 Conditions
Mast Rotation (optional)	360 degrees 'Azimuth'
Pneumatic Source	Foot Pump Air Compressor (optional)