



## Transmission Line and Towers



765 kV AC line at Indore, India

Transmission Tower manufacturing Plant



EMCO Transmission lines division provides EPC solutions from concept to commissioning of EHV Transmission line packages up to 765 kV AC /  $\pm$  800 kV HVDC on turnkey basis.

### Features

- Engineering, Designing, Testing, Manufacturing and Execution of Transmission Line towers upto 765 kV AC /  $\pm$  800 kV HVDC with different conductor configuration and geometry.
- Well equipped with special T&P, Erection tools and highly skilled erection team to execute Transmission Lines upto 765 kV AC /  $\pm$  800 kV HVDC.
- Successfully executed transmission lines of more than 1100CKMs upto 400 kV AC and completed more than 600CKMs of 765 kV AC and 70 kms of  $\pm$  800 kV HVDC.
- We have more than 10 sets of European make Tension Stringing Equipment (TSE) of 16MT.
- We are executing 240 kms of  $\pm$  800 kV HVDC, 370 kms of 400 kV AC and 225 kms of 765 kV DC Transmission Lines for PGCIL.
- Own experienced team for OPGW stringing with special tools.
- Well experienced for execution of lines passing through hilly terrain, forest and rivers.

### Towers Manufacturing Facility at Vadodara

- Fully automated state of the art fabrication facilities having installed capacity of 45000 MTPA.
- Fabricated, galvanized and supplied more than 63,000 MT of 400 kV / 765 kV AC Transmission Line Towers in last 3 years.
- In-house facilities for conducting Routine & Acceptance Test in accordance with relevant standards for Transmission Line Towers.
- Approval of more than 80 nos. Prototype Towers for 400 kV / 765 kV AC /  $\pm$  800 kV in record time.
- Exporting Towers to Middle East and Africa.
- Locational advantage allow pollution free fuel for galvanizing thereby resulting in improved quality.

Transmission lines with in-house facility to manufacture Transmission Towers

## about EMCO

Founded in 1964, EMCO LIMITED is one of India's leading products and solutions provider up to 765 kV / ± 800 kV HVDC for power generation, transmission, distribution utilities and industry. With more than 15 offices and 4 state-of-the-art manufacturing plants across India which are accredited by Bureau Veritas for ISO: 9001, ISO: 14001 & OHSAS: 1800 and as per IEC, ANSI, BS and other international standards. EMCO has been supplying its products and solutions to its customers consisting of electric utilities and Industries in India and in more than 50 countries internationally. Based on a strong foundation of technology and with an in-house R&D that works on cutting-edge technology. EMCO system adapts to the continually evolving needs of the modern world in a customer-centric, environmentally sensitive and sustainable manner.

### EMCO LIMITED

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Products and Solutions for Power Generation, Transmission, Distribution Utilities & Industry



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