

services for cooling towers

cross flow – counter flow

any combination of material

We offer our line of services for Counter and Cross flow cooling towers for any combination of material & construction like **FRP, RCC, Wooden, Pultruded FRP and large NDCT**. We can customize our services according to customer requirement to meet best performance and value.

design and engineering

- › Counter flow & Cross flow design program.
- › Single cell and multi cell design option.
- › Fan selection program for diverse application.
- › Computer programs and CAD techniques.
- › CFD analysis.
- › Technical consulting activities.

field action

- › Erections of any size, any capacity, any type of cooling tower.
- › Periodic erection.
- › Dismantling activities.
- › Erection of mechanical equipment / Parts etc.
- › Preparation and processing of technical drafts.
- › Performance testing as per CTI, ASME, BS latest code.

manufacturing and supply

- › In house manufacturing activities for most of the FRP components.
- › Supply of Steel / RCC / FRP tower internals like gear box, FRP fan, drive shaft, fill etc.
- › Supply of Wooden / Pultruded tower internals like ply, treated wood, Pultruded profiles etc.
- › Supply includes Mechanical, Electrical, and Instrumentation equipment's / parts for any types of cooling tower.

maintenance and up gradation

- › Maintenance of mechanical equipment's and structure.
- › Up gradation of equipment's, parts and instruments.
- › Emergency repairs.
- › Overhaul and revamp.
- › Periodic inspections.
- › Noise reduction.
- › Modernization of existing cooling towers.
- › Painting and Protection.
- › AMC of cooling tower.
- › Corrosion Preventions.

capacity measurement

- › Filled performance testing of any types of cooling tower as per CTI ATC-105 latest standard.
 1. IDCT performance testing.
 2. Large NDCT tower testing.
- › Water flow testing through Pitot tube or Ultrasonic as per CTI latest standard.
- › Airflow and power testing through digital instrument as per CTI latest standard.
- › Hot water/Cold water/ Wet bulb/ Dry Bulb temperature testing with digital instrument.
- › Health and safety.
- › Root Cause Analysis.
- › Physical inspection of any types of cooling tower.

certain services offered

material

Complete replacement on existing basin

Fill replacement / reconstruction

Drift eliminator replacement

Distribution replacement / reconstruction

Structural reconstruction

Fan deck replacement

Mechanical replacement

Casing and Louvers

Stairways / Ladders

Fill And drift access / platforms

Fan stack replacements

Complete reconstruction

Cross flow to counter flow conversion

Concrete tower internals

Fire protection / Lightning protection

As per prerequisite

Film Fill / PVC V Bars

PVC

FRP / PVC

FRP / Pultruded FRP / Steel

Wooden ply / Pultruded FRP

Fans / Gears / Drive Shafts / Motors

FRP / PVC / Cellular

Galvanized steel / Pultruded FRP

Galvanized steel / Pultruded FRP

FRP

Cell by cell – FRP / Wooden / Pultruded Wooden to pultruded FRP

As per requirement

As per requirement

our products are known for their advanced design
and premium quality

your water, power, time and cost saving solutions