

Engineering Customized[®] Cooling Towers

Any Shape, Any Size



Mechanical Draft Cooling Towers



Natural Draft Cooling Towers



Turnkey Solutions

Offerings:

- Mechanical Draft Cooling Towers
- Natural Draft Cooling Towers
- Turkey Cooling Water Systems
- Steel Structure Cooling Towers
- FRP Package Cooling Towers
- Pultruded FRP Cooling Towers
- Sea-Water Cooling Towers
- Air Cooled Condensers & Heat Exchangers
- Customer Services

In 1934, Asia's first Natural Draft Cooling Tower was built by Gammon.

For the past 75 years Gammon has been executing Mechanical and Natural Draft Cooling Tower projects of National pride for Power, Petrochemical, Steel, Refineries, Fertilizer and Sugar industries.

Domain exposure in the Cooling Tower vertical has culminated in Gammon Group achieving a leading position and the most favoured business partner amongst stakeholders, effectively reinforcing their faith in our services and offerings.

GTPL, a 100 percent subsidiary of Gammon India Ltd. Offers customised engineering solutions in the field of cooling towers.

GTPL is devoted to form symbolic relations with its clients, wherein our quest for engineering excellence is fuelled by the desire to provide value to our customers and society at large.



Cooling Towers
Problem?

Problem??

Problem?

Problem??

Problem?

Problem???

The Solution: GTPL Customer Services



HPL, Haldia



HPL, Haldia



Lanco, Anpara

Offerings:

- Thermal Upgradation
- Structural Upgradation
- Inspection
- Root Cause Analysis
- Retrofit, Supply & Emergency Repairs
- Annual Maintenance Contract
- Overhauling & Refurbishment
- Preventive Maintenance
- Residual Life Assessment Analysis
- Performance Test as per CTI Codes
- Spares

At GTPL we strive to be prominent provider of Cooling Tower spares & Cooling Tower repair & maintenance services to our valued customers. 75 years of Cooling Towers experience has given us expertise to accurately inspect & repair any type of Cooling Tower with minimum shut downs.

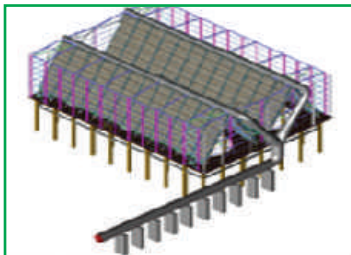
Not getting vacuum, high vibrations, mechanical failure, structural instabilities and deterioration, high drift losses, abnormal noise etc., you can depend on us for guaranteed and proven solutions. BHEL, NTPC, BALCO, HPL, NPC, HSEB, Torrent Power, Monnet, CPCL, VSP, MSEB, Reliance, TATA, Eleme Nigeria, Fulgorindo Indonesia, Al Zamih Saudi Arab and others have already been served.

We understand the worth of Cold Water Temperature for You..

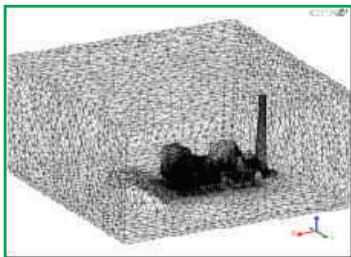


A Technological Drift Towards Sustaining Resources

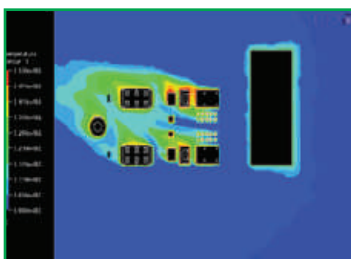
Business Group 'Dry Cooling'



Air Cooled Condenser



CFD Meshing



Temperature Profile

Offerings:

- Air Cooled Steam Condensers for Power Plants
- Air Finned Coolers for Petroleum & Chemical Industries
- Shell & Tube heat exchangers for Power Plants
- Pressure Vessel
- Thermal Upgradation
- Refurbishment
- Performance Testing
- After Sales Services



GTPL Business Group 'Dry Cooling' is an extension of our pursuit to render the best-in-class solutions to all our stakeholders with prompt consideration.

Considering the present socio-enviro scenario where there is constant depletion of water & other resources, there is a drift towards selecting technology which will not only offer value for money but help sustain our resources in present & future.

GTPL's proprietary structural design, optimized thermal sizing and selection of various fin tube geometries ensures most compact and energy saving solution.

GTPL is devoted to form symbiotic relations with its clients, wherein our quest for engineering excellence is fuelled by desire to provide value to our customers and society at large.



Pultruded Cooling Tower

Business Group 'G'



FRP Pultruded Cooling Towers



Package FRP Cooling Tower



FRP Fan & Fan Stack

Offerings:

- Pultruded FRP Cooling Towers
- Package FRP Cooling Towers
- Conversion of existing Timber Cooling Tower to FRP Pultrusion Cooling Tower
- FRP Components
- FRP Bladed Fans
- FRP Fan Stacks
- Reconstruction of Cooling Towers in FRP
- FRP Cooling Tower for Corrosive Environment

Business Group 'G' offers Pultruded FRP, Steel and Package FRP Cooling Towers for Chemicals, Captive Power Plants, Sugar Plants, HVAC, DG Sets, Steel Plants etc.

These towers can be supplied in factory assembled or CKD conditions to suit your requirement.

In-house manufacturing of FRP components ensure quality and on time delivery.

We also undertake conversion of existing Timber Cooling Towers to FRP Pultruded Cooling Towers.

Few of our projects: Al Zamih KSA, Thermax, NTPC, Cethar Vessel, Al Ittefaq KSA, National Steel KSA, Asian Paints, Samarth Sugar, Vasant Dada Sugar, Natural Sugar etc.

Engineering
Engineering

Customized

Cooling Towers

Business Group 'S' & 'W'



IOCL, Haldia



NTPC, Vindhyachal



IOCL, Haldia

Offerings:

- Counter Flow RCC Cooling Tower
- Cross Flow RCC Cooling Tower
- Film/Splash Fill
- RCC/FRP Fan Stack
- Side stream filters
- Pumps & Piping
- Chlorine & Chemical Dosing System
- PCC/MCC
- PLC/DCS
- Allied Electrical & Instrumentation

GTPL Business Group 'S' offers RCC Cooling Towers & Cooling Systems on EPC/LSTK basis.

GTPL Business Group 'W' offers RCC Cooling Towers wherein construction is in the scope of the client.

Proprietary thermal sizing software's, in-house team of more than 100 engineers from various disciplines, owned construction equipments ensure quality offerings within time, backed by services second to none.

Few of our ongoing projects are Lanco Anpara C, Lanco Kondapally, BHEL Pipavav, BHEL Anpara D, OMPL Mangalore, Vandana Ispat, Anrak Aluminium Ltd., Adhunik Power, IOCL Vadodara, IOCL Haldia, HPL Haldia, Thermax, Jindal, NRE Coke, Essar, ONGC.