

Company Profile

Gactel Turnkey Projects Limited (GTPL)

In 1934, Gammon's first Natural Draft Cooling Tower was built for Ahmedabad Electricity Company, Gujarat. Since then Gammon has been executing mechanical and Natural Draft Cooling Tower projects of national pride for power, petrochemical, steel, refineries, fertilizers and sugar industries.

Gactel Turnkey Projects Limited (GTPL) (formerly Gammon Cooling Towers Limited) is a Gammon Group Company and has been created to focus on International and National requirements of Cooling Towers and Cooling Systems.

GTPL has an in-house team of more than 100 engineers from various disciplines dedicated to delivering solutions in Thermal, Mechanical, Electrical, Hydraulic, Instrumentation and Civil Engineering. GTPL design team has the expertise to study the required application and offer customized and cost-effective solution.

The operations of GTPL are divided into four different Business Groups

Business Group 'S' & 'W' offers RCC Cooling Towers with film or splash fill, Cooling System including Pumping Station and Chemical Dosing System on EPCC/ Lump sum Turnkey basis excluding RCC construction. GTPL utilizes proprietary design and development software to other single point cooling solutions. Major applications include heavy industries like Power, Petrochemicals and Refineries, Steel Sector, Chemical industries and Sugar Industries.



RCC CT (6 x 40000 m3/hr)



Pultruded FRP CT
Structure



Customer Services



Pultruded FRP CT



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Head Office: Karmayog, Parsi Panchayat Road, Andheri (E), Mumbai – 400 069. INDIA.

Mumbai: **91 22 4254 5555/4268 7777** (Telefax). New Delhi: **91 120 450 6666**. Kolkata: **91 33 2476 2331**

Vadodara: 91 265 2313 757

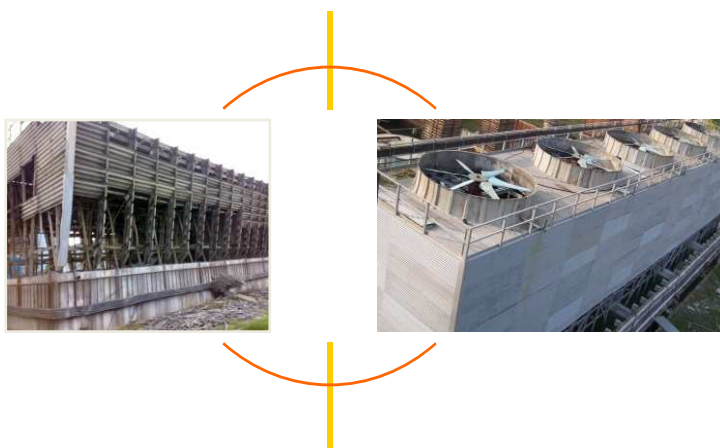
Visit us at : www.gtpl.co.in or write to info@gtpl.co.in

Regd. Office: Gammon House, Veer Savarkar Marg, Prabhadevi, Mumbai – 400 025. INDIA.

Website: www.gammonindia.com

Business Group 'G' offers Pultruded FRP and Packaged FRP Cooling Towers (Supplied in factory assembled or CKD conditions). Major applications include Captive Power, Pharmaceutical, Sugar Industries, Refineries, HVAC, DG Sets and Steel Plants.

We also undertake conversion of existing Timber Cooling Towers to FRP Pultruded Cooling Towers. Pultruded FRP based cooling tower gives a very long life and near maintenance free operation. Unlike timber cooling tower in which water needs to flow all the time through the cooling tower to make it wet, consuming lot of water and pump power, it is absolutely not required in case of Pultruded FRP cooling tower. Thus a lot of saving of water and power makes conversion option extremely lucrative. Apart from this there are many benefits associated with Pultruded FRP cooling tower. FRP materials can be selected to have desired properties. These materials are factory fabricated so they have high quality with desired properties.



FRP Fan Stack



FRP Fan Arial View



Customer Services



Pultruded FRP CT
(1800 m3/hr)



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Business Group 'C' offers services for existing cooling towers of any make. 75 years of cooling towers experience has given us expertise to accurately inspect and upgrade cooling towers with minimum shut downs.

We provide following services:

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

Business Group 'Dry Cooling' Considering the present socio-enviro scenario where there is constant depletion of water and other resources, there is a drift towards selecting technology which will offer value for money and help sustain our resources in present and future.

Business Group 'Dry Cooling' Offers:

- Air Cooled Steam Condensers for Power Plants
- Thermal Up-gradation
- Refurbishment
- Performance Testing
- After Sales Service



Pultruded FRP CT
(1x4500 m3/hr)



Fin Tube Bundles
for ACC (10 MW)



Industrial
Construction



Pultruded FRP CT
(1800 m3/hr)



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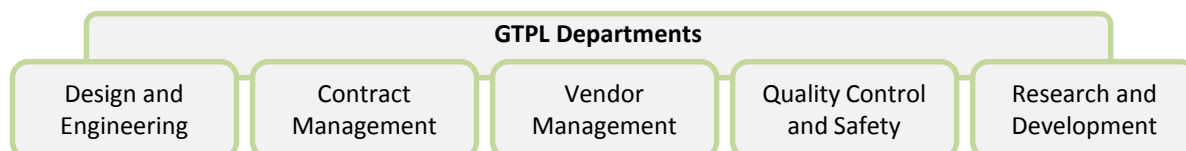
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Applications

Our comprehensive range of Cooling Towers covers a wide spectrum of industries, some of which are listed below:

Power Sector	Pharmaceutical and Chemical Industry
Metals/Steel Industry	Heating, Ventilation and Air Conditioning (HVAC)
Petrochemical Industry	Fertilizer Industry
Sugar industry	Cement Industry
Captive Power Plants	Paper Mills and many more.....



GTPL Facilities:

- State of art facilities spread across 20,000 square meter in Mumbai
- Manufacturing of FRP Fan blades, fan stacks, cladding sheets, drive shaft, nozzles etc.



Composite Division



Fan Hub



Fan Assembly
10 m. Dia.



Drive Shaft 18 ft.



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