

# Cooling Towers LLC.

"The One Source for all of Your Cooling Tower Needs"

- New Towers • FRP Conversions • Upgrades • Maintenance
- Parts • Repairs • Rental Towers • Mechanical Platforms
- Preventive Maintenance (Mechanical Equipment)
  - Cold Water Basin Cleaning Online
  - Fan Locks • Emergency Response
  - Engineering • Inspections



## MESSAGE FROM OUR PRESIDENT

"I am proud to introduce you to the latest and greatest in cooling tower repair, upgrade and maintenance. Cooling Towers LLC. is a young, strong and driven company headed by employees with values that reflect the company's mission statement. It is our goal to provide superior quality and service at fair and reasonable prices to all our customers.

Our management team has over 80 years combined experience and our crews are the most competent and qualified in the industry. For all phases of cooling tower construction, repair, maintenance, or performance upgrades, Cooling Towers LLC. truly is the one source for all your cooling tower needs.

Our clients include Major Manufacturing and Process Plants, Refineries, Hospitals, Chemical Companies, Universities, Co-Generation facilities and Commercial Buildings. We have a reputation of excellence, reliability and superior customer service."

Shawn Daniel  
President  
Cooling Towers LLC.

## Proven Track Record

We have a reputation of excellence, reliability and superior customer service. We would like to demonstrate to you that true quality workmanship is second nature to our crews and management team. We look forward to servicing your needs!

# COOLING TOWERS LLC.

Cooling Towers LLC. was founded on the principles of quality, integrity, value, and safety. These principles are the driving force behind our commitment to our customers. We constantly strive to provide the utmost in service at prices that are truly fair and reasonable. From the largest construction, upgrade, repair or maintenance project, to sales of the smallest parts, Cooling Towers LLC. delivers maximum value with the most competitive rates you will find, and a quality of workmanship that is unsurpassed industry wide.

## SAFETY

At Cooling Towers LLC., safety is our number one priority. We are dedicated to the protection and safety of our employees from injury. Our Target Zero Safety Plan outlines the proactive steps Cooling Towers LLC. utilizes daily to achieve our goal of Target Zero Safety in all the facilities we perform work in.

We implement our structured safety and environmental process focused on prevention and awareness. Our comprehensive safety program is designed to cover all aspects of ensuring a safe working environment, involving daily checklists, Pre-task hazard analysis, What-if Drills, and regular safety inspections. Our team's complete monthly equipment inspections, daily shift starter meetings, and first aid training. All of our superintendents and foreman complete OSHA 30 hour and CPR certification before being charged with the responsibility of supervision. Cooling Towers LLC. strives to create a safety culture among our employees and we are committed to protecting the health and safety of both our employees and yours. We believe that sustainable business practices must start with safe business practices. We continue to develop and refine methods to protect people and the environment, starting with safeguarding the health and safety of our employees. Our goal is simple and is evident to every employee: Target Zero.



## OUR CORE VALUES

### QUALITY

To delivery the best quality products to our customers, every time.

### INTEGRITY

To perform the services our customers need, always with integrity.

### VALUE

To perform all services at fair and reasonable prices.

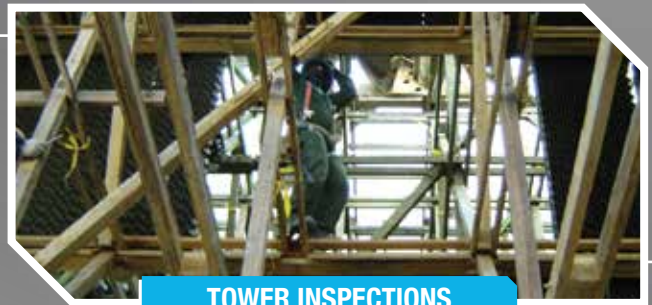
# OUR SERVICES



**NEW TOWER CONSTRUCTION**

Cooling Towers LLC. provides all necessary services for designing (thermal and structural), procuring, and installing new cooling towers. We also offer both packaged towers for commercial applications as well as field-installed towers for larger, industrial applications. With the necessary thermal performance evaluation tools to select the cooling tower design that maximizes the thermal performance offered while satisfying space, economic, and environmental requirements associated with the project.

At Cooling Towers LLC., we provide comprehensive and thorough inspections of wood, fiberglass, steel and concrete cooling towers. The strength of structural members in a cooling tower decreases with prolonged exposure to wet/dry atmospheres and treatment/process chemicals. If you are in doubt about the soundness of the structure of your cooling tower then a thorough inspection and a structural analysis may be needed.



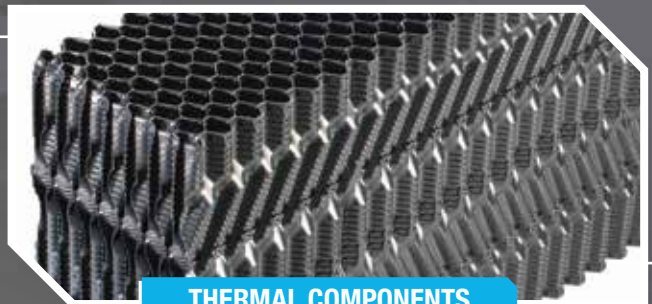
**TOWER INSPECTIONS**



**COOLING TOWER REPAIRS**

Cooling Towers LLC. utilizes the highest quality pressure treated Redwood lumber, Douglas fir lumber, plywood, fiberglass and stainless steel hardware in performing repairs. Use of quality materials along with competent crews and professional installation ensures the structural stability of your cooling tower while greatly extending its service life. Products such as Amarillo gear reducers, Addax drive shafts and Hudson high efficiency fan assemblies are used by Cooling Towers LLC. in performing mechanical repairs.

The contact point between air and water is where the heat transfer occurs. This makes the heat transfer media, or "fill" the heart of a cooling tower. Various factors, such as performance requirements and water quality, are taken into consideration when selecting the appropriate replacement fill. The proper drift eliminators can do just that; virtually eliminate drift. This will not improve your tower's performance, but will help prevent costly future repairs due to corrosion of mechanical equipment and its supporting structure.



**THERMAL COMPONENTS**

## OUR SERVICES



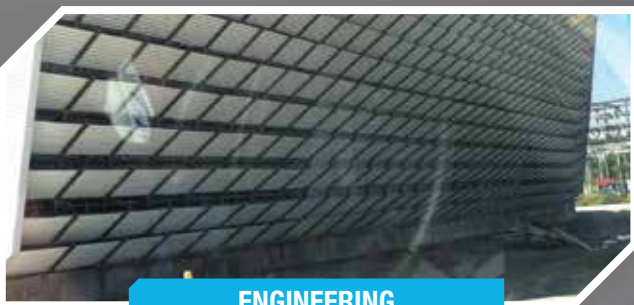
**PREVENTIVE MAINTENANCE**

Performing annual preventive maintenance on the mechanical components of a cooling tower ensures the longevity of the equipment and optimal performance of the cooling tower.

Cooling Towers LLC. can provide a full thermal evaluation of your cooling tower's thermal performance and recommend performance improving measures. The thermal performance evaluation begins with establishing a "Baseline" performance level. This would be the original performance of the cooling tower when it was originally purchased and installed. Cooling Towers LLC. would then establish a predicted level of performance at which the tower currently operates.



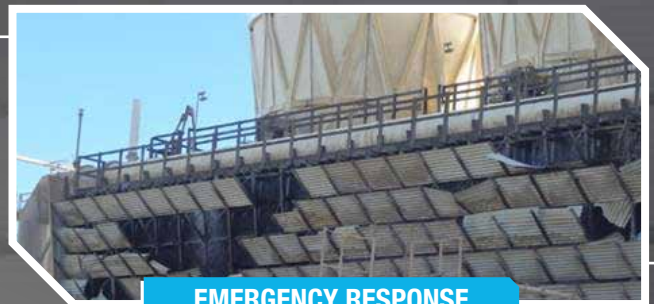
**THERMAL EVALUATIONS**



**ENGINEERING**

Cooling Towers LLC.' Engineering Department provides technical support and engineering services for our skilled construction crews and our customers. Our engineering department can handle all aspects of the cooling tower industry. We also can provide thermal evaluations for existing cooling towers and offer thermal upgrade options. In addition, we offer structural analysis and design along with supporting structural calculations that are stamped/signed by a locally licensed professional engineer.

In the aftermath of the destruction caused by hurricanes Katrina and Rita, Cooling Towers LLC. has developed and implemented an Emergency and Disaster Response Plan. This plan is designed to ensure that materials, manpower and other resources are immediately available to achieve one simple objective; bringing your facility back online as quickly as possible. This plan is designed to provide preemptive solutions to unforeseen issues allowing the repair of your facility to proceed with all possible speed.



**EMERGENCY RESPONSE**

## FRP CONVERSIONS



Cooling Towers of specializes in FRP conversions that reduce the overall cost of ownership and maintenance.

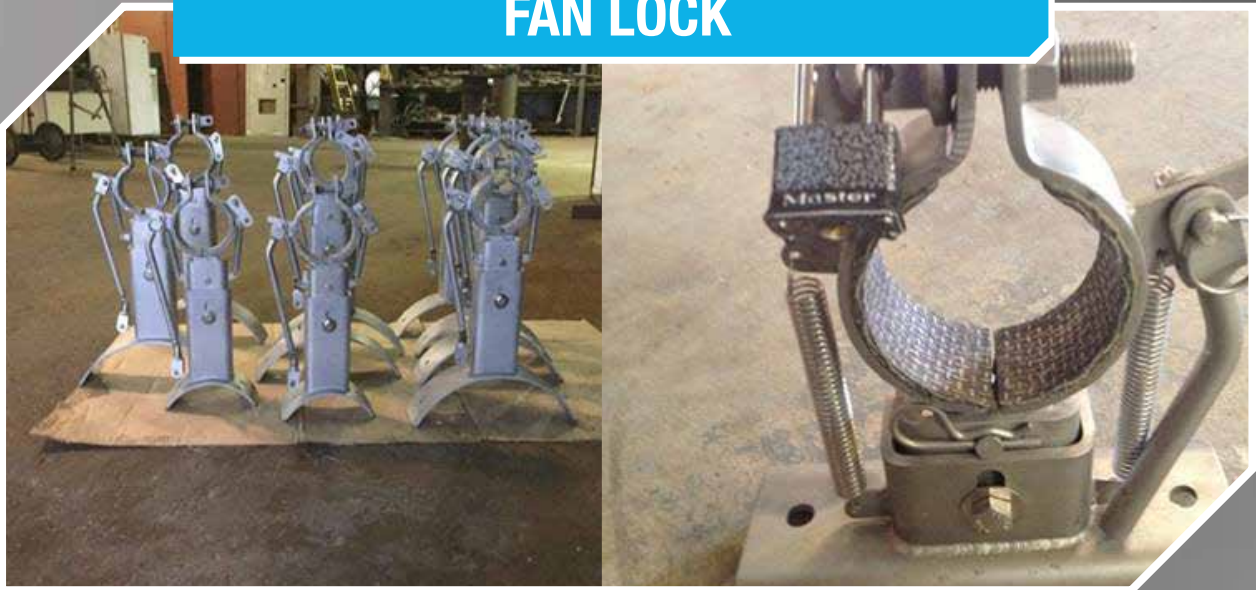
- Rot resistant
- Non corrosive
- Lightweight
- Heavy Duty
- Non-skid walking surfaces

## MECHANICAL PLATFORMS

Mechanical platforms provide access around mechanical equipment during maintenance and mechanical repairs. These platforms also prevents the need to constantly install and remove costly scaffolding. Our platforms are constructed of corrosion/rot resistant FRP components.



## FAN LOCK



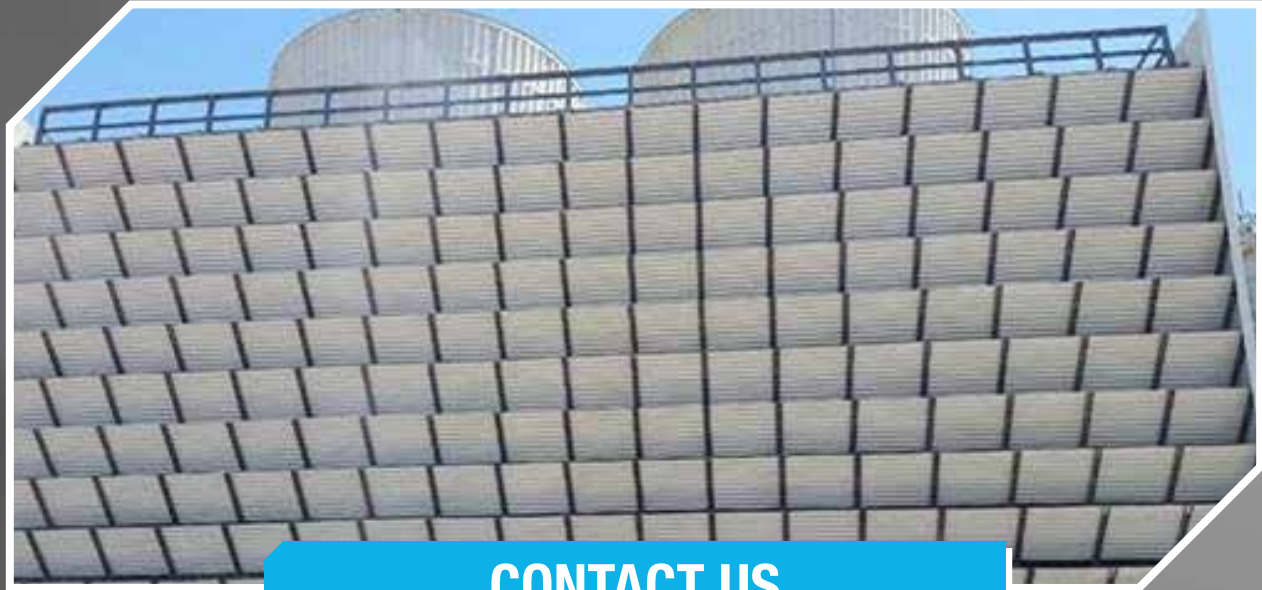
The Fan Lock is a patented mechanical equipment locking system that can prevent tens of thousands of dollars in damage to your cooling tower by locking the mechanical equipment and preventing the fans from rotating in high winds. As wind speeds increase, unlocked fans will rotate at dangerous velocities. When wind loads are high enough to flex the fan shrouds into the rotating fan blades, the impact will result in a shattered fan assemblies and irreparable damage to the fan shrouds. Further damage may also be done to the gear reducers, drive shafts, drive motors and the cooling tower structure. Our patented Fan Lock will prevent damage caused by the unchecked free rotation of cooling tower fans. Fan Locks can be provided and installed for a fraction of the cost of repairing hurricane damaged cooling towers. Cooling Towers LLC. would be happy to provide a free demonstration of the merits of this device at your facility.

## PARTS

We offer a full line of replacement parts for any and all makes or models of cooling towers. These parts can be purchased at the best prices in the industry. Because Cooling Towers LLC. is an OEM manufacturer we receive volume and OEM discounts and, in turn, pass those savings on to our customers.

- Fill
- Fans
- Gears
- Valves
- Drive-shafts
- Motors
- Fan Stacks
- Draft Eliminators
- Mechanical Components
- Vibration Switches
- Water Distribution Components





## CONTACT US

For More Information About Our Services Please Visit Us Online

[www.coolingtowersllc.com](http://www.coolingtowersllc.com)

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