



Cooling Towers of Texas

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 of Texas 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 of Texas 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 of Texas

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 OF TEXAS

Cooling Towers of Texas 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 of Texas 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 of Texas, safety is our number one priority. Our complete comprehensive safety training program is designed to cover all aspects of ensuring a safe working environment, from monthly equipment inspections, to proper use of PPE, to first aid, OSHA 30 hour and CPR certification for all of our superintendents and foreman, Cooling Towers of Texas is committed to always protecting the health and safety of both our employees and yours.

OUR CORE VALUES

QUALITY

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

VALUE

To perform all services at fair and reasonable prices.

INTEGRITY

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



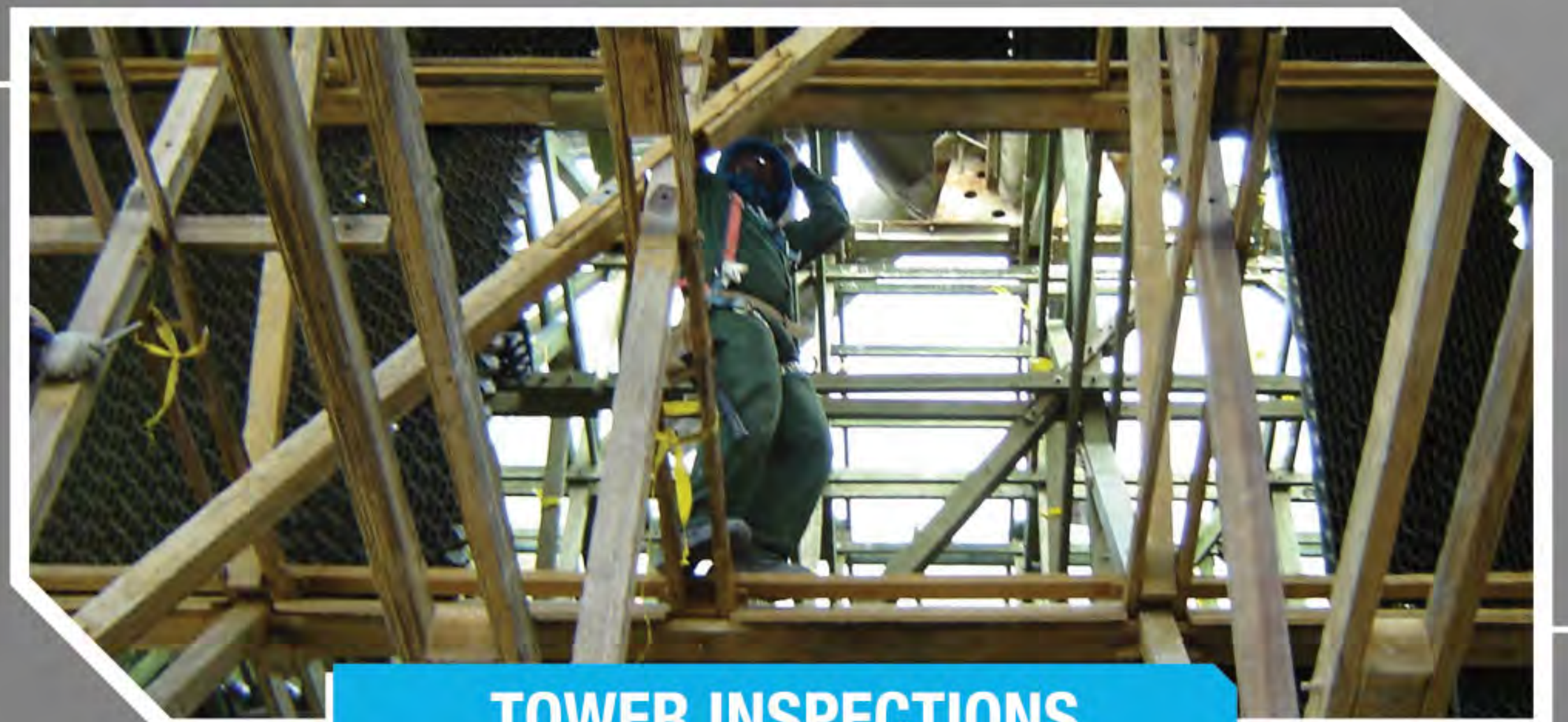
OUR SERVICES



NEW TOWER CONSTRUCTION

Cooling Towers of Texas 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 of Texas, 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.



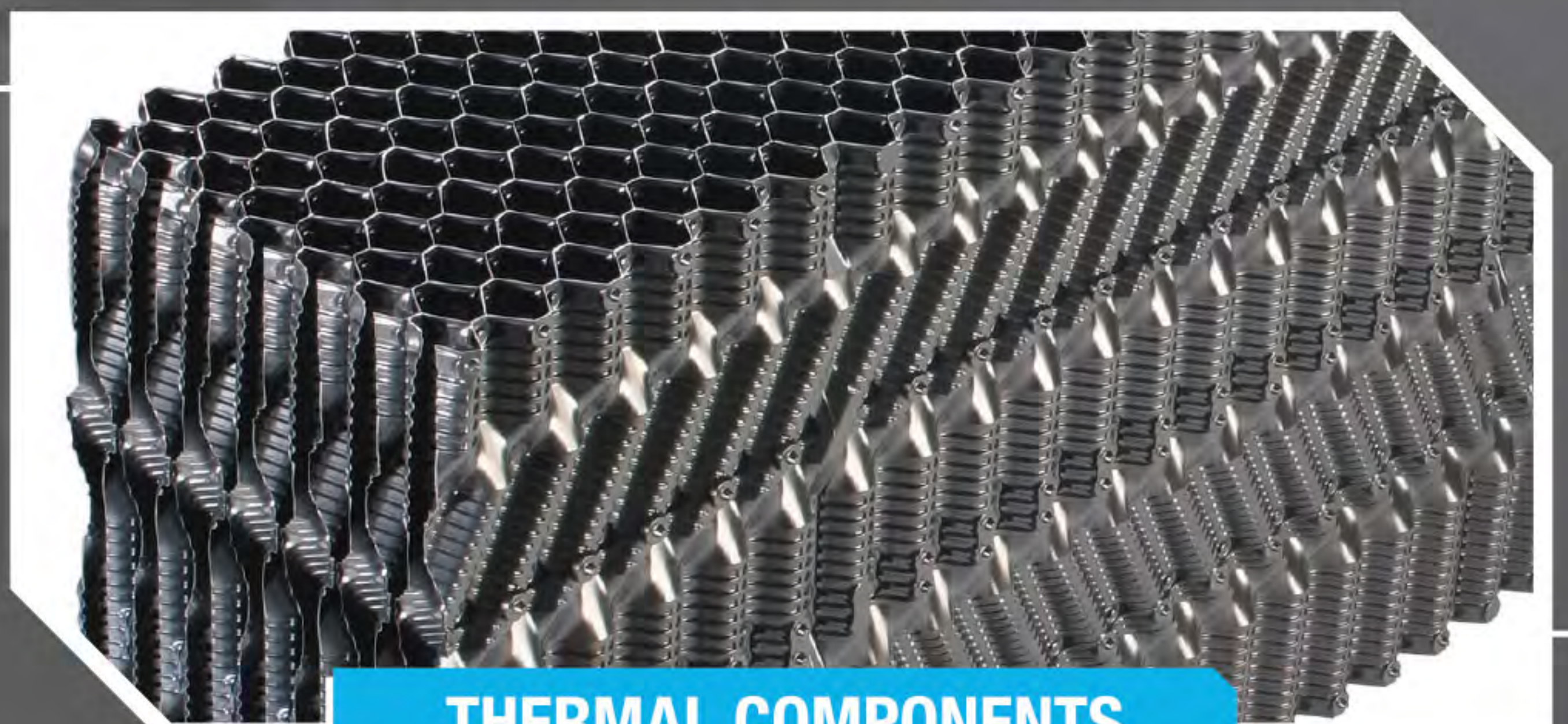
TOWER INSPECTIONS



COOLING TOWER REPAIRS

Cooling Towers of Texas 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 of Texas 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



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 of Texas 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 of Texas would then establish a predicted level of performance at which the tower currently operates.



Cooling Towers of Texas' 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 of Texas 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.





FRP CONVERSIONS

Cooling Towers of Texas 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 of Texas 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 of Texas 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
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