

# PITTSBURG TANK & TOWER GROUP



Since 1919

## STRUCTURE & INTEGRITY

DESIGN • FABRICATE • ERECT • INSULATE  
PAINT • INSPECT • MAINTAIN • REPAIR • MOVE  
DISMANTLE • ENGINEER • ELEVATION CHANGE



PITTSBURG TANK & TOWER  
PITTSBURG TANK & TOWER MAINTENANCE  
1 WATERTANK PLACE, HENDERSON, KY, 42420

ALLSTATE TOWER  
232 HEILMAN AVENUE, HENDERSON, KY 42420

**PTTG.COM // (270) 826-9000**

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## WE'RE OKAY WITH BEING OLD SCHOOL...

**We don't sell do-dads, smartphones, or fancy coffee.** We design, build, and maintain huge structures made of steel that are meant to withstand massive burdens for decades.

The people who buy from us are experts in their fields. They're not in the market for song and dance. They need a partner who can get things done when it's supposed to get done so they can keep moving.

We're large and growing, but we're doing so in

a managed fashion, choosing our own experts over investors. We've spent nearly 100 years growing this family business in ways we hope earn us another 100.

We continually strive to improve our people, products, and processes so we can handle the load, and ensure that our "yes" will always be "yes," and our "no" will always be "no." We are proud to be a certified Drug-Free workplace and honored to be among the elite SHARP compliant businesses.

**Family owned and operated since 1919, PTTG designs, builds, maintains and refurbishes all styles of storage tanks for corporations and governmental entities as well as communication towers and structural steel for industry leaders around the world.**

### **PTTG** Since 1919 **ALLSTATE TOWER**

- » Communication & broadcast towers
- » New construction and maintenance
- » Structural steel support systems

### **PTTG** Since 1919 **GROUND DIVISION**

- » New construction
- » Storage tanks for:
  - › Water
  - › Oil
  - › Fertilizer
  - › Cryogenics
  - › TES

### **PTTG** Since 1919 **MAINTENANCE DIVISION**

- » Paint
- » Repairs
- » Modifications
- » Inspections
- » Insulate & Re-Insulate
- » Elevation changes on existing tanks



## OUR VALUES

### Relationships

As a family business, unencumbered by commitments to investors or any outsiders, we are free to always do what's right and what builds the strongest long-term value for our clients, our people, and our community.

### Integrity

We design, build, and service real things, with real implications to the world. That shapes what we value, what we think of a handshake, what we mean when we sign a contract, and who we choose to be in our community.

### Discipline

Our projects involve a very high level of integrity. This reality forces a seriousness of intention in our culture, and focuses us on strong processes, clear communication, and continually earning the trust of our peers and clients.

### Heritage

In an industry that expects expertise, we've continued 100 years of excellence. In a time when the world celebrates tools, we continue to celebrate craft and an honest day's work. We're proud of what we offer the world and of who we choose to be, not because we're swimming against the stream, but because we're swimming where the water is still deepest and most demanding.

**Consistently ranked among the top 600 specialty contractors by Engineering News Record.**

## Credentials & Memberships



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## OUR COMPANY AT A GLANCE

### Family Owned

We've been a family owned company since 1919, always dedicated to doing the right things to build long-term value for our customers.

### Global Presence

Precision, reliability and true partnership throughout even the most extreme projects has taken PTTG products and services into over 50 countries.

### Safety Culture

We are certified **Drug-Free** and **SHARP** compliant by **OSHA** and **AISC Certified**, with a deep cultural commitment to safety and professionalism in the workplace.

**We deliver better quality, a superior working experience, and greater lifetime value from our products and services, which enables our partners to think bigger, be bolder, and accomplish more than they ever have.**



Pittsburg Tank & Tower manufacturing facility located in Henderson, Kentucky. 110,000 sq. ft. facility on 22 acres.



Allstate Tower plant located in Henderson, Kentucky. 275,000 sq. ft. facility on 13 acres.





Before and after Allstate painted 240' guyed tower in California.

## ENGINEERING AT ITS FINEST

PTTG looks no further than under our own roof for experienced and innovative engineers to design tanks, towers, and support structures that fit the visions and needs of our customers. Our in-house engineers, decorated with domestic and international licenses as well as Ph.D.'s, are fluent in storage tank, tower, and support structure standards, including **API-650/620, AWWA D-100, NFPA-22, Factory Mutual, EIA/TIA, ASCE, AISC, IBC, AWS, and ACI-318**. Their expertise in this expansive list of industry standards enables quick and accurate turnaround on calculations and drawings, as well as foundation loads and civil design. As committee members and active supporters of API, AWWA, and NFPA, updates and changes to evolving industry standards are not lost on us. As the industries we serve grow and advance, our engineering team grows and advances right alongside them. Whether a project is typical or highly specialized, domestic or international, big or small, our team is up to the challenge of providing the sound engineering you need to make it a success.



750,000 gallon GST's in New York.

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## Design & Engineer

Professionally engineered drawings and calculations for customer approval, prior to fabrication.

## Foundations and Installation

We pride ourselves on turnkey projects when applicable. Let our trained foundation crews install the tank foundation. **Ringwalls, slabs, pad pier, driven piles, caissons and auger cast piles** are all typical foundations we design and install.

## Fabricate

Designed for maximum safety and efficiency, the PTTG tank fabricating plant is a model of economy providing quality products delivered on time.

## Erect

Each year, PTTG manufactures and field-erects hundreds of above-ground and elevated storage tanks.

## Coat and Line

We work with **AWWA, NACE, and SSPC** standards to provide shop and field applications per the customer's specifications.

## Insulate & Re-Insulate

PTTG provides tank insulation as required for freeze protection or tanks with elevated temperatures. We also repair or replace old insulation systems per NFPA and FM standards.

## Maintain

PTTG offers comprehensive maintenance services that extend the lifespan of your tank while limiting your cost, including **long-term maintenance contracts**.

## Elevation Change

As pioneers of the raising and lowering of tanks, PTTG can change the elevations of tanks to reach capacities up to 3 million gallons.

## Dismantle

When owners determine they no longer need their tank, PTTG has experienced crews available to help.

## Duplex Stainless Steel Cobra Tanks

Our innovative COBRA technology produces coil-constructed tanks for ground or elevated applications.

## Inspect

Our detailed inspection reports identify any tank issues, as well as targeted solutions for your needs. We offer ROV and dry cleanouts.



Water tank raising in Tullahoma, Tennessee. This 2-million-gal., 750-ton hydropillar was the largest elevated water tank raised at the time (2003).



Riser replacement on 200,000 gallon EWT in Texas.





65,000 gallon COBRA-EWT  
in Kentucky.



PTTG purchased the technology and patent on Cobra Tanks. New technology and equipment allow Cobra Tanks to be field erected from de-coiled stainless steel.

## TANKS

**Customer needs come first!** Each year, we manufacture and field-erect hundreds of above ground and EWT storage tanks. With ample material inventory, the most efficient tank fabrication shop in the country, and dozens of crews in the field, we have the flexibility to move quickly for our customers with immediate and ongoing storage tank needs. Our goal is to exceed all expectations with safety, quality, and service.

We have fabricated and erected **thousands** of welded steel tanks, including carbon steel and

stainless steel structures for **fire protection, potable/wastewater, power, chemical, petroleum, jet fuel, food processing, thermal energy storage (TES), cryogenic, pulp, paper, and bulk commodity storage.**

Our technical experience extends to virtually any type of welded steel storage tanks, including fixed and floating roof designs. These tanks can be designed in accordance with the following standards: API 620, 650, NFPA-22, AWWA D-100, Factory Mutual, and any other applicable standards.

**We help you get more value from your tank at every stage of its life. From design to maintenance, from extending functionality to extending your tank's useful life, PTTG specializes in helping you leverage this critical asset.**



LN-225 Cryogenic Tank Installation in Texas.

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For more information, please contact our Tank Division:

**NEW TANKS:** Rick DiZinno | (270) 826-9000 ext. 2601

**EXISTING TANKS:** Jordan Pyles | (270) 826-9000 ext. 4601

## Design-Build

With engineering, drafting, and manufacturing personnel on the same team and under the same roof, collaboration ensures accuracy, enhances communication, and allows for same-day solutions to be a common outcome.

## Tower Steel and Accessories

Allstate Tower provides the communication and broadcast industries with the most reliable and economical materials and structures in the business.

## Install

Our expert crews are trained and equipped to safely complete turnkey services for your site plan including site clearing, building access roads, installation of security fencing, and foundations.

## Maintain

Our tower crews perform all maintenance repairs from simple to complex.

## Modify

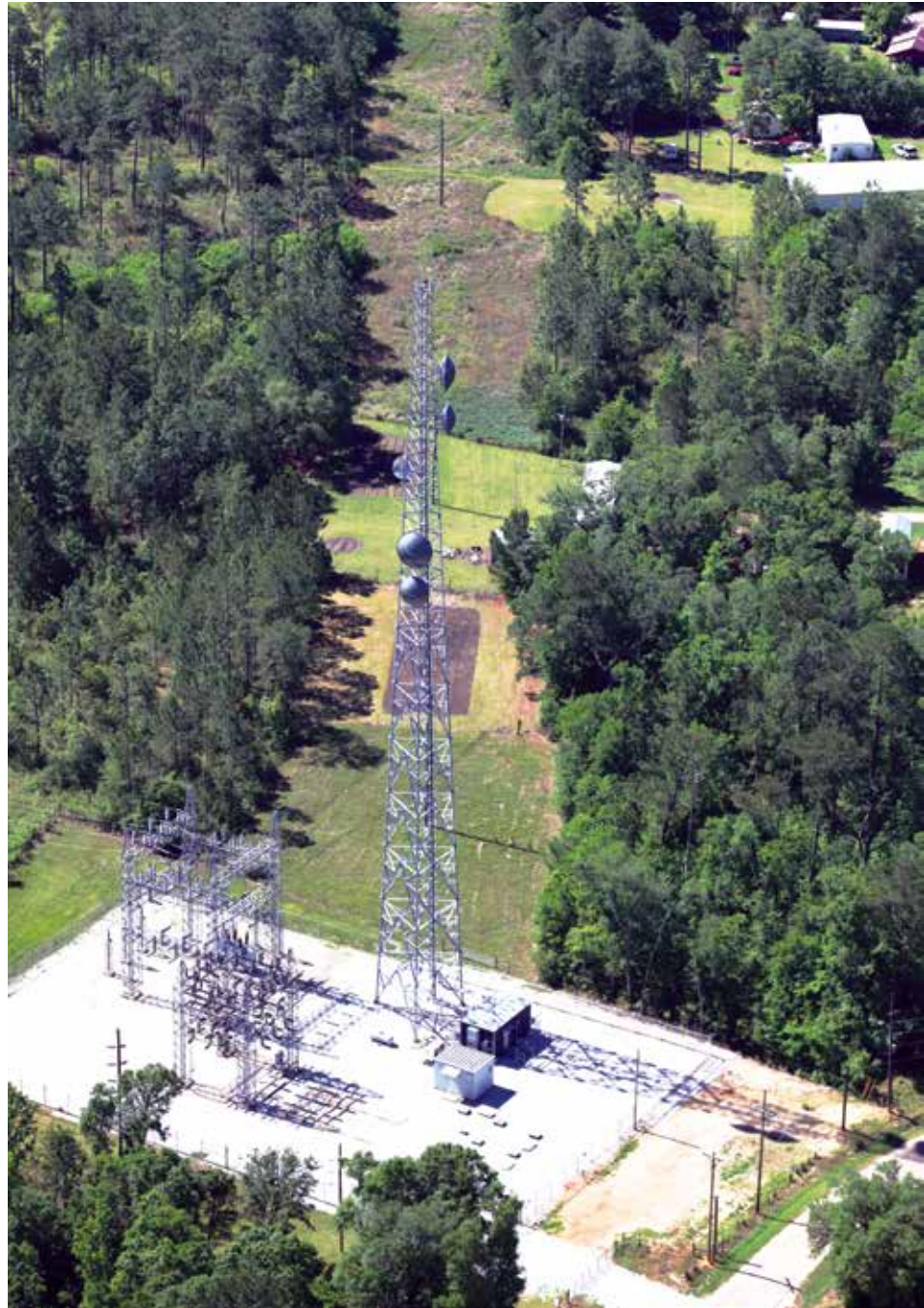
Our tower designers are adept at making fabrication and installation accurate and understandable.

## Dismantle

Allstate Tower has experienced crews available to help when owners determine they no longer need their towers and require them to be dismantled and removed, including disposal and cleanup.

## Inspect/Analyze

From regulatory and third-party inspections to an entire site analysis, and from trouble shooting light systems to complete tower mapping, our team is experienced, equipped, and ready to provide the customized report you need to stay in compliance and maintain the loading necessary.



300' Self-Supporting Tower in Mississippi.



## COMMUNICATION TOWERS

**Allstate Tower offers crew availability in the United States and abroad.**

Domestically, we have a crew near you ready to respond to any need that arises. We also have teams available for international needs with the right planning and coordination.

From conception to reality, we are able to add value and confidence to your project with **better communication, shorter lead times, improved product quality, and cost savings.** Our guarantee is to turn your site plan into a functional reality and leave the site clean and presentable.

**Our equipment, facility, technicians, and design-build business model allow tower projects to be expedited in a cost effective manner. From engineering and manufacturing to modification and site demolition, we repeatedly deliver the safety, product quality and workmanship our clients have come to expect.**



Installation of 911 Emergency System in Kentucky.



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For more information, please contact our Communication Towers Division:  
**COMMUNICATION TOWERS:** Kevin Roth | (270) 826-9000 ext. 3601

## Design-Build Services

Allstate Tower, Inc.'s Design and Engineering Group works with **millwrights, engineers, and owners** to optimize design opportunities as system components are selected and integrated into final design, saving pounds of steel and yards of concrete.

## Catwalks

Our standard catwalks have been designed using the latest engineering standards to ensure structural integrity and gain maximum capacity. This allows us to offer a very cost effective solution to the market. These designs already include the capacity to support either grip strut, bar grating, or expanded metal walkways without the need to reduce capacities.

## Support Towers

Our support towers have been designed using the latest state-of-the-art finite element analysis software to ensure structural integrity and to gain maximum capacity. These towers are available for all bucket elevators, catwalks, manwalks, and spouting while covering a wide range of the customer's needs, including stair towers and work platforms.

## Superstructures

Allstate Tower, Inc. provides standard superstructures designed in accordance with AISC and ASCE-7 and other applicable codes and standards for the industry's hoppers. Single, double, quad, and custom superstructures are manufactured for easy shipping and quick bolt together installation.

## Custom Structures

In addition to our standard product lines, we also fabricate many customized structures for various industries.



115' Support Tower with switchback stairs in Kentucky.

# SUPPORT SYSTEMS & MATERIAL HANDLING

We realized support structures for the material handling industry were second nature to us. We've been growing our structural steel fabrication offerings since 2005, and now produce a complete line of structural steel used throughout the industry.

At Allstate Tower, Inc., our experts and design-build business model provide your

structural steel projects with the support and quality you can use to grow your business. From **engineering and manufacturing to support systems and custom structures**, we repeatedly deliver the solutions, product quality, and workmanship specific to your need. Whether you are handling material, deflecting an engine blast or starting a windmill farm, we guarantee to support you to the end.

Since 1919, our family has had a passion for fabricating steel. Starting with ground and elevated water tanks, then adding communication and broadcast towers to support the growth of the industry needs. Our latest product is support systems.



Grain terminal constructed in Indonesia. 120,000 BPH capacity, 1,154 ft. of catwalk and eight towers.



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For more information, please contact our Support Systems Division:  
**SUPPORT SYSTEMS:** Alisha Saalwaechter | (270) 826-9000 ext. 3502





Container replacement in Tennessee.



Saudi Arabia Airport Facility.



Custom stair tower, located in Oklahoma.

## SPECIALTY/CUSTOM STRUCTURES

Since 1919, our family has had a passion for steel. As a licensed engineering firm, PTTG can design, stamp, detail, and build specialty structures that meet your customized needs and specifications in a timely fashion. Don't let our name fool you. Our expertise expands well beyond tanks and towers. As an **AISC Certified Fabricator**, we are experts in providing a quality product. In addition to water tanks and communication and broadcast towers, our two manufacturing plants provide a vast range of specialty products, custom plate products, and structural steel fabrication.

**We welcome new and challenging design ideas. Simply put, if you need a product made of plate and/or structural steel, we would love to earn your business.**



A custom-built ice shield for a communication cabinet.

Our facilities have the machinery and craftsmanship to bring your ideas to life. **Shop-built Tanks, Pressed Heads, Support Structures, Mezzanines, Antenna Mounts, Ice Bridges, Stair Towers, Conveyors Trusses, and Bridges**, are all examples of what we have fabricated for **industries** such as **material handling, oil/gas, electric generation, bio-mass, aviation, water and wastewater treatment, grain, fertilizer, mining, and sand and gravel**. Steel plates can be cut to shape and pressed or rolled up to 2" thickness. We also have a custom paint line that allows for Wheelabrating weldments up to 11'x4' with a stop in one of the largest environmentally-controlled paint rooms in the nation for coating applications. The structural shop is complete with a CNC beam line, multiple CHC angle lines, a CNC saw line, and several designated custom fabrication areas.



10,000 gallon custom-made elevated water tower located in Indiana.

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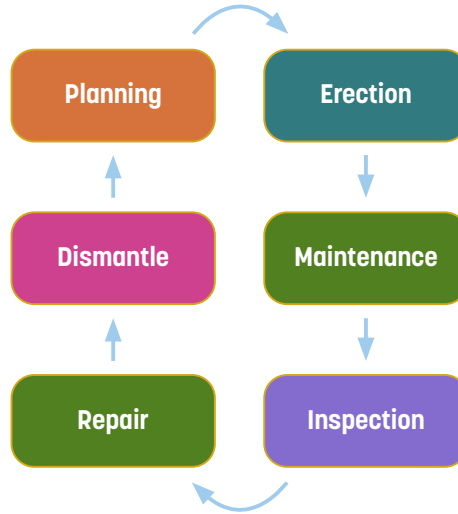
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## YOUR PARTNER THROUGH THE ENTIRE LIFE CYCLE

Our experienced and innovative engineers efficiently design **tanks & towers** for a variety of uses. As **North America's leading full-service tank supplier**, we continue to expand our customer base and grow our design and engineering capabilities. Our team is up to the challenge of providing the sound engineering you need to make your project a success.

PTTG **manufactures** and **field erects** hundreds of **ground storage and elevated storage tanks and communication towers** in accordance with customer specifications and schedules. PTTG strives for quality construction with on time completion. PTTG is capable of moving quickly for those customers with immediate storage tank or tower needs. Having ample material inventory, the most efficient fabrication shops in the country, and dozens of crews in the field, PTTG is ready to meet your schedule when time is of the essence.

All tanks and towers will eventually require maintenance. Some will need **minor repairs** while others will require more **extensive**



**alterations** and **reconditioning**. To be assured your tanks and towers are in safe and productive working order and in compliance with the latest Federal, State, local and industry safety and environmental regulations and codes, allow PTTG to inspect and advise you of your assets' condition.



Tank Dismantle 600,000 gallon Sphere, Georgia.



Painting of 827' tower in Italy. Photo below shows the outside view of the project while in progress.



## Contact PTTG for information and pricing on our Long-Term Tank Maintenance Programs, standard or customized to your requirements.

To suit tank owner's operational needs, **inspections** can be performed while the tanks are either **in-service (robotic inspection) or out-of-service**. After the inspections are completed, a written inspection report is furnished that includes a detailed component evaluation, photographs, recommendations of **needed repairs, code updates, and a detailed cost estimate, for your consideration**.

When an owner determines they no longer need their tank or tower and require it be **dismantled and removed**, PTTG has experienced demolition crews available to provide this service. We are capable of safely **demolishing, disposing of scrap and site cleanup**. All of this will be done to the customer's satisfaction. PTTG's crews have safely performed tank demolitions since 1919.





900,000 gallon elevated bolted tank constructed in Nasiriyah, Iraq.

## GLOBAL PRESENCE



As Pittsburg Tank & Tower Group continues to expand its product inventory and capabilities, our footprints across the world are stretching farther and wider. Our Global Products include **Engineering Services, Specialized Tank Inspections, Elevated & Ground Storage Tanks, Material Handling Systems, Trusses, and Support Towers.** Services can be provided for Engineering, Ex Works, Fabricated Materials, Construction Supervision, or Installation.

Our products are in over 50 countries across the globe. From water storage tanks in the Middle East, Africa, and South America to material handling systems in regions of the world from Russia down to Australia and over to Central and South America. Innovative solutions that have included the merger of products from Allstate and PTT stand tall in Nasiriyah, Iraq. We're proud of what we have to offer the world and of who we choose to be.

**Precision, reliability and true partnership throughout even the most extreme projects has taken PTTG products and services into over 50 countries.**



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& INTEGRITY**

— GAINING A PARTNER, NOT JUST A PROVIDER —

If you're interested in having us as your partner, feel free to contact one of our department representatives below.

**NEW TANKS**

Rick DiZinno | (270) 826-9000 ext. 2601

**EXISTING TANKS**

Jordan Pyles | (270) 826-9000 ext. 4601

**COMMUNICATION TOWERS**

Kevin Roth | (270) 826-9000 ext. 3601

**SUPPORT SYSTEMS**

Alisha Saalwaechter | (270) 826-9000 ext. 3502



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**PTTG**   
ALLSTATE TOWER

**PTTG**   
GROUND DIVISION

**PTTG**   
MAINTENANCE DIVISION

**CONTACT US TODAY**

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**DESIGN-BUILD MANUFACTURER • FULL SERVICE TOWER COMPANY • LICENSED ENGINEERING FIRM  
WWW.PTTG.COM**