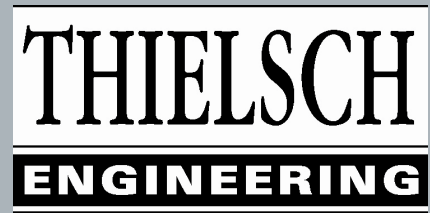
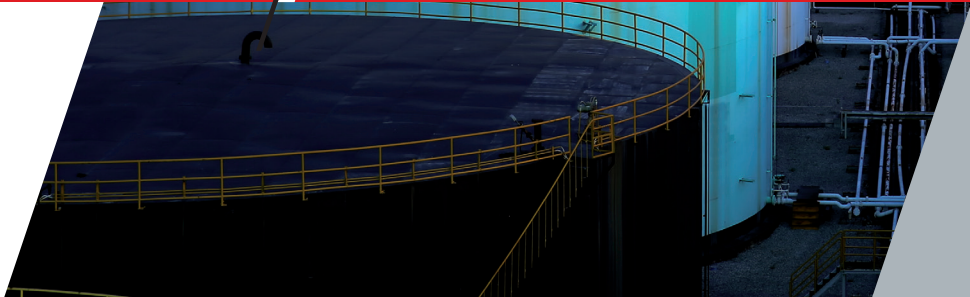




PROFESSIONAL SERVICES
TANKS, VESSELS,
PROCESS PIPING



ABOUT US

Industry Experts

Thielsch has been in business for over 30 years. Our experts have first-hand knowledge of plant engineering, from project management to construction to startup, and possess a thorough understanding of support systems, stress analyses, finite element analyses, and mechanical and structural engineering.

Hands-On Experience

Thielsch Engineering personnel have inspected over 10,000 piping systems, pressure vessels, tanks, and other equipment in various types of industrial plants, including chemical plants, refineries, and power plants.

EMPLOYEE OWNED

Thielsch is employee owned and operated with over 150 million in annual revenue, and over 450 employees.

We began as a failure analysis company and have used that experience to become prevention specialist.



STORAGE TANKS

API 653 - Tank Inspection, Repair, Alteration, and Reconstruction

Thielsch Engineering provides full service engineering, inspection, repair, alteration, and reconstruction of steel aboveground storage tanks used in the power, petroleum and chemical industries.

External & Internal

Visual, ultrasonic and magnetic particle examinations performed by certified API 653 inspectors.

Magnetic Flux Leakage


Used to locate bottom-side corrosion on the floor plates that cannot be visually inspected.

Settlement Survey

Performed by trained personnel to determine if the tank is settling more to one side than another.

Vacuum Box Testing

Performed by trained personnel for detecting or locating leaks, where quantitative measurement is not practical.



Ensuring the safety, integrity and compliance of your above ground storage tanks.

THIELSCH ENGINEERING, INC.



Full Service with Certified Inspectors.

Thielsch is a leader among pressure vessel inspection companies. Our API inspectors have been properly trained and certified and frequently perform API 510 pressure vessel inspections.



With over 30 years of experience in the inspection of pressure equipment, we supply highly specialized expertise and the industry knowledge necessary to help you maintain the integrity of your critical pressure vessels.

THIELSCH ENGINEERING, INC.

PRESSURE VESSELS

API 510 Pressure Vessel Inspection

Thielsch Engineering provides full service engineering, maintenance, inspection, repair, alteration & operating procedures for pressure vessels used by power, petroleum & chemical process industries.

Engineering

In house "U" Stamp design & fabrication capabilities, re-rating of existing components, and development of ASME or API modifications,

Inspection

Visual, ultrasonic, magnetic particle and penetrant testing procedures performed to assess condition and integrity of the vessel.

Fitness for Service

Quantitative engineering evaluations are performed to evaluate the remaining useful life of the pressure vessel.



PROCESS PIPING

Our highly trained technicians provide effective solutions that meet the most demanding schedule requirements.



Inspections of Process Piping

Refineries and chemical plants typically have thousands of miles of process piping. In many cases these piping systems are difficult to reach, are often insulated, and are difficult to inspect. The process of defining and naming corrosion circuits, identifying thickness monitoring locations (TML), and measuring and analyzing data is crucial in assisting management in making significant economic and safety decisions. As a result, piping inspection programs are often viewed as problematic, complicated, slow, inefficient, and costly. Thielsch Engineering personnel have the expertise, methodological approach, and tools required to evaluate specific conditions and to recommend and implement cost-effective solutions, including our signature 4-SYTE asset management program for tracking inspections, repairs and replacements. Additionally, Thielsch holds an ASME "PP" Stamp for fabrication and erection of process piping.



THIELSCH ENGINEERING, INC.



EXCELLENCE is never an accident
 It is the result of a high intention, sincere effort, intelligent direction, skillful execution, and the vision to see obstacles as opportunities.

SAFETY

“ Success is dependent on effective safety and risk management. ”

Thielsch Engineering understands that safety is an investment which protects not only our company and our people, but also our clients, their employees, visitors and communities. We are com-

mitted to maintaining an impeccable safety record, which is why we strive to provide a safe working environment for all of our employees. Industrial environments always present

possible safety hazards. Because of this, we ensure that each work site is managed in a manner that is safe for the crew and clients. Our clients can be assured that each and every employee of Thielsch En-

gineering is fully trained and capable of performing even the most difficult tasks at the highest possible level of safety.



THIELSCH ENGINEERING, INC.

Power Generation

In today's challenging business environment, plants are constantly striving to improve reliability, profitability and efficiency, while trying to improve overall environmental performance and compliance.

Thielsch has partnered with power plants globally to develop safe, reliable, cost-effective solutions.

Petrochemical

The petrochemical process industries represent a significant contribution to the world economy, producing a vast variety of chemicals. Thielsch has a wide range of in-house expertise that integrates the latest process, safety, risk, and environmental developments into our services.

Pharmaceutical

Corroding equipment can delay operation, require costly repairs, and even contaminate the product it contains. We understand the unique challenges that face the pharmaceutical industry and have the experience required to evaluate the integrity of these critical components,

Pulp & Paper

Pulp & Paper Mills are often corrosive environments for equipment and structures, and can produce a large amount of dust and heat. Sustaining an effective preventive maintenance program will reduce or eliminate costly equipment failures or production down time.

INDUSTRY



Industry Proven

INDUSTRY RECOGNIZED

Proven track record with over three decades of service, Thielsch Engineering is the recognized leader in inspection and integrity analyses in many industrial sectors.

When it comes to safety and reliability, you can't afford NOT to have THIELSCH ENGINEERING on your side!



“Our aim is to provide the best possible and most cost-effective service. If we can make a customer successful, we are successful. Our goal is to make more profitable and successful customers.” - Helmut Thielsch



CLIENTS

Loyal & satisfied clients for over three decades

Thielsch Engineering has been an industry recognized and proven company for over three decades with a loyal and satisfied clientele.



Some clientele include:

- | | | |
|-----------------|----------------------|-------------|
| AECI | NAES | Royal Canin |
| CLECO | International Paper | Bordan |
| AEP | Dow Chemical | Fibermark |
| Georgia Pacific | Hollingsworth & Vose | Neoresins |

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