

PEGASUS INDUSTRIAL MIDWEST



The Midwest's Premier
Heat Exchanger Fabrication and
Maintenance Facility

The Only Partner you will ever need to keep your engineered equipment running at optimal performance.

About Us

At Pegasus Industrial Midwest, we are a one-stop-shop for all your fabrication and maintenance needs. Strategically located in Bourbonnais, Illinois, we are able to quickly respond to any unexpected or planned heat exchanger requirements throughout the Midwest.

Our skilled team boasts an impressive safety record and a wealth of experience, with numerous years of combined expertise in heat exchanger maintenance and repair. As a global partner to major oil refineries and petrochemical plants, we offer expert services in heat exchanger fabrication, repairs, and offsite cleaning, making us a leading provider in this service market.

Our Services

OFFSITE CLEANING

- Hydroblasting
- Ultrasonic
- Tubeside & Shellside
- Chemical

CODE REPAIRS

- Bundle Repairs
- Retubing
- Pressure Vessels

FABRICATION

- Heat Exchangers
- CNC Machining
- Piping
- Specialty Welding

TRANSPORTATION

- Fully Turnkey
- DOT Compliant
- Custom Fleet

QA/QC

- API STANDARD
- Eddy Current
- NDI , NDE Inspections
- Testing

METAL BENDING

- Angle Roll Machines
- Tubes
- I Beams
- Pipes

We are Ready to Serve You

Our company is fully dedicated to ensuring the safety and satisfaction of our customers. We are 100% committed to exceeding expectations. We strive to build trust and credibility with our customers through our dedication to quality and safety.



Quality

Our manufacturing and repair processes are characterized by unparalleled craftsmanship, ensuring that our clients receive the highest quality services.



Safety

At Pegasus, we are dedicated to achieving GOAL ZERO. We strive for excellence in all aspects of our operations, constantly evaluating and improving our processes to ensure the safety and well-being of everyone.



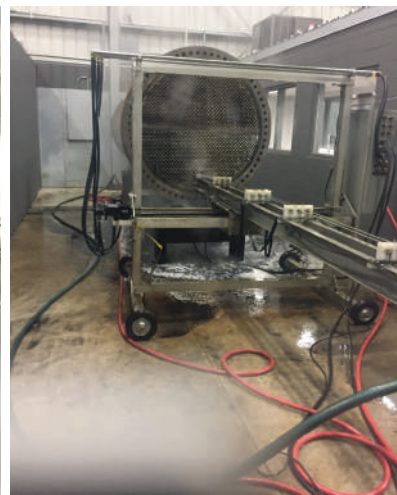
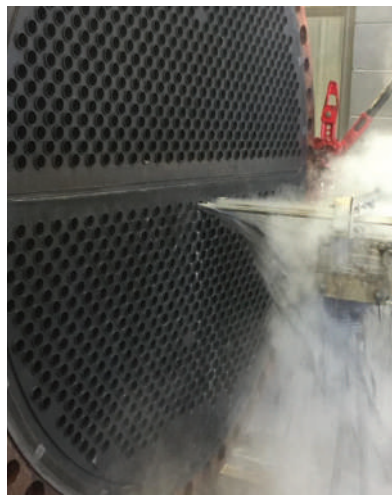
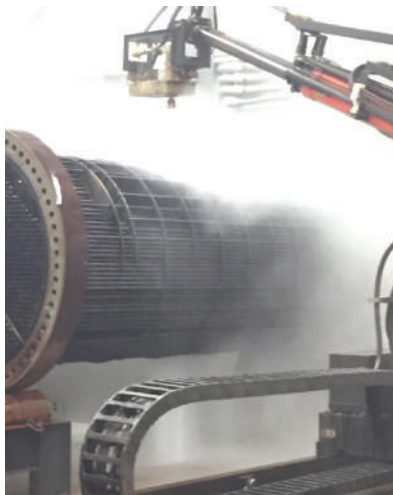
Leadership

We are dedicated to achieving world-class leadership in all aspects of our business. From product development to customer service, we are constantly striving to set the standard for excellence in the industry.



Teamwork

Collaboration at every level and across all departments is a key element to our success. We strive to foster a culture of teamwork and cooperation to achieve our goals and exceed expectations.



1 Offsite Cleaning

Benefits of Offsite Cleaning

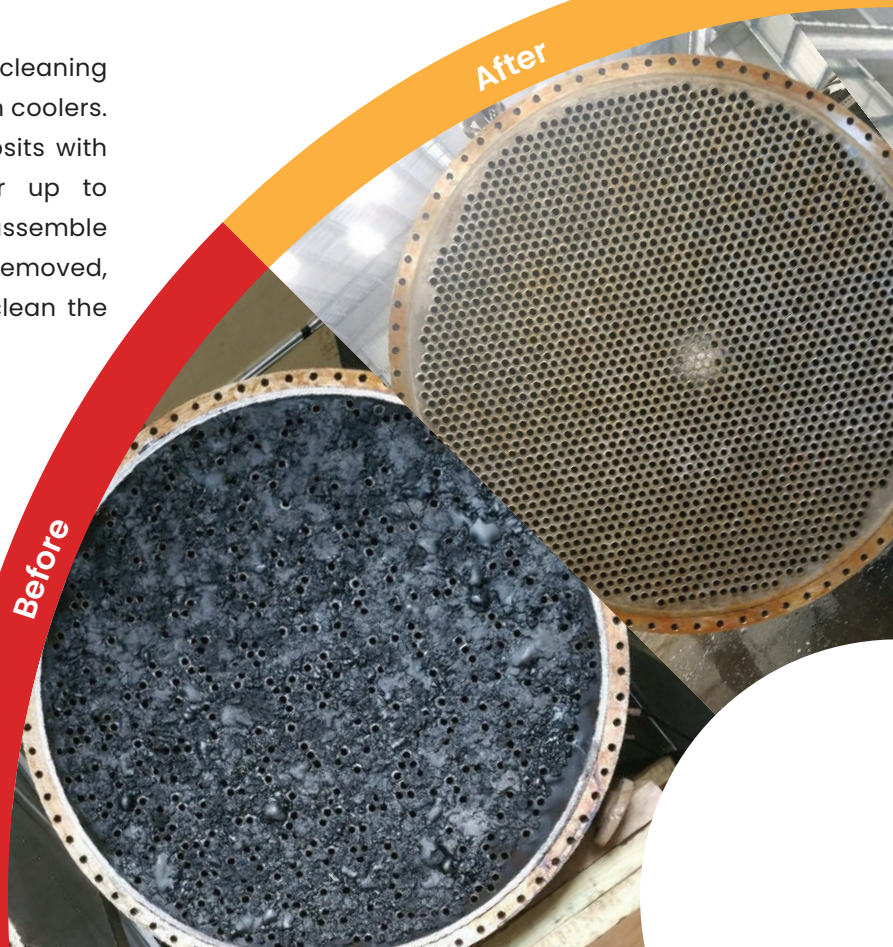
- Limit exposure to accidents and incidents in your plant
- Minimize environmental releases
- Reduce the number of contractors onsite and the associated traffic
- Require less supervision of contractors by plant staff
- Lower costs for waste disposal and utilities
- Provide a controlled work environment for non-destructive examination (NDE) inspectors
- Reduce overall NDE costs through careful management of inspection providers
- Facilitate expedited repairs of critical equipment
- Free up space in your plant for other cleaning and maintenance tasks.
- Never worry about weather during cleaning or tube ID Inspection with everything safely inside the facility.

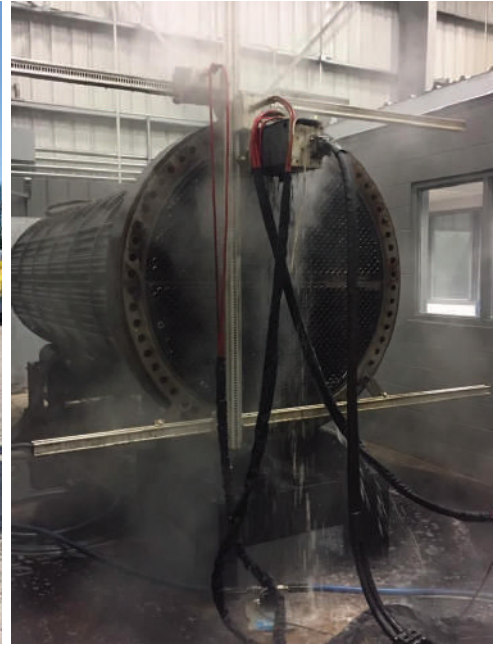
2 HydroBlasting

Pegasus offers a dynamic solution for cleaning heat exchangers, tube bundles, and air fin coolers. We can clean and descale foreign deposits with high-pressure and high-volume water up to 40,000 PSI (2,760 bar). Our team can disassemble the heat exchanger. Once the bundle is removed, we utilize several cleaning methods to clean the shellside and tubeside.

Before

After





3 Tubeside & Shell Side Cleaning

Some of Our Specialized Equipment

Hammelmann pump that operates up to the pressures of 10k-40k PSI at a flow rate of 120GPM

Fully Automated 20k PSI ID Dual Rotating Machine

4 Ultrasonic

Our Ultrasonic cleaning uses high-frequency, high-intensity sound waves in a liquid to facilitate and enhance the removal of foreign contaminants from surfaces submerged in our ultrasonically activated tank.



5 Chemical

Our Chemical cleaning covers a wide range of applications, from new construction to ongoing maintenance activities. Pegasus selects the right chemical cleaning process to exceed the right cleanliness the customer desires.



6 Repairs (ASME)

As an ASME-certified shop with a current R&U stamp, Pegasus can repair your ASME-stamped units and maintain ASME compliance.

Repair Capabilities

- Pressure Vessels
- Heat Exchangers
- Retubing / Tubesheet
- Fin-fan Repair
- ASME Repairs & Modifications
- Boilers and Heaters
- Hydrostatic Test

Piping

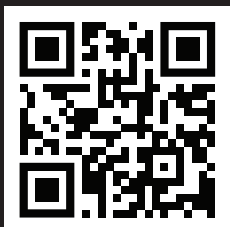
Pegasus's pipe fabrication capabilities include carbon steel and stainless steel of all diameters and wall thicknesses. Our extensive library of ASME welding procedures allows us the flexibility to choose the most efficient welding process to complete the work.

Machining

We utilize modern CNC drilling equipment, conventional radial arm drills, vertical boring mills, and horizontal boring mills. 100% of all machining needs are performed in-house.

Bundles

Bundle repairs can be completed quickly and efficiently thanks to our 24/7 shop service and quality fabrication capabilities. Our team is experienced in repairing all types of Bundle equipment, from simple issues to more complex problems. We understand that Bundle downtime can be costly, so we work diligently to get your equipment up and running as soon as possible.



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FABRICATION

We Fabricate and Manufacture

- Heat Exchangers and Fin Fan Coolers (TEMA, ASME, API 660, API 934 A, C)
- Exchanger Components (Channels, shells, bundles)
- Tube plugs and Tube Sheet Protectors

Fabricate Services

Our heat exchanger fabrication process employs welding techniques such as Submerged Arc Welding (SAW), Gas Tungsten Arc Welding (GTAW), Gas Metal Arc Welding (GMAW), and Shielded Metal Arc Welding (SMAW).

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Transportation

The Pegasus team understands that the safe and timely transport of your process equipment is essential to your operations. That's why we have invested in a fleet of DOT-compliant tractor-trailers specifically designed to handle the safe pickup and delivery of large process equipment. We take care of logistics for you, so you can focus on your core business. Our team of experts can pick up tube bundles from your location, transport them to our facility, and disassemble the heat exchanger. We do create a maintenance plan tailored to your specific needs.



CONTACT US

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