

ALLOY MECHANICAL, INC.

BEYOND "JUST DOING BUSINESS"

AT ALLOY MECHANICAL, INNOVATION
DRIVES OUR WORK. WE LEVERAGE
CUTTING-EDGE TECHNOLOGY, ADVANCED
MATERIALS, AND SUSTAINABLE PRACTICES
TO CREATE SOLUTIONS THAT ARE NOT
ONLY EFFICIENT BUT ALSO
ENVIRONMENTALLY CONSCIOUS.





ABOUT ALLOY MECHANICAL

Alloy Mechanical, Inc. is a premier single-source mechanical EPC (Engineering, Procurement, and Construction) contractor, renowned for delivering innovative, reliable, and cost-effective solutions across diverse industries. With decades of experience, we have earned a reputation for excellence by consistently exceeding client expectations and tackling even the most challenging projects with precision and ingenuity.

Our comprehensive services cover every phase of project execution, from initial design and engineering to procurement, fabrication, installation, and commissioning. This seamless approach ensures streamlined operations, minimized downtime, and optimal performance. Our team of highly skilled engineers, project managers, and technicians collaborates closely with clients to develop customized strategies that address their specific needs while adhering to strict safety and quality standards.

At Alloy Mechanical, innovation drives our work. We leverage cutting-edge technology, advanced materials, and sustainable practices to create solutions that are not only efficient but also environmentally conscious. Our commitment to safety is unwavering, with rigorous protocols in place to protect our workforce, clients, and the communities where we operate.

Beyond delivering exceptional mechanical systems, Alloy Mechanical, Inc. takes pride in fostering long-term partnerships with our clients. Integrity is the cornerstone of our business. We operate with honesty and accountability, ensuring that every decision we make prioritizes the best interests of our clients. Through open communication, transparency, and a shared vision for success, we strive to be more than a service provider – we aim to be a trusted partner in achieving their goals.

Another key differentiator is our ability to adapt to the unique challenges of every project. Leveraging cutting-edge technology and sustainable practices, we design and implement systems that are not only reliable and efficient but also environmentally responsible. Our commitment to continuous improvement means we stay ahead of industry trends, providing our clients with forward-thinking solutions that drive long-term success.

Whether it's a large-scale industrial project, critical infrastructure upgrades, or maintenance and repair services, Alloy Mechanical, Inc. brings expertise, reliability, and innovation to every endeavor. Together, we're building a stronger, more sustainable future, one project at a time.

CRAFTING A BETTER FUTURE THROUGH STRENGTH & PRECISION

YOUR DESIGN-BUILD SPECIALISTS

THE KEYS TO COMPLETION

Alloy Mechanical provides top-choice solutions for your facility expansion or improvement projects, delivers tailor-made results to meet project requirements, and offers EPC/Turnkey and EPCM solutions.



DISCIPLINES OFFERED

Our team commits the necessary resources to achieve effective and economical results from planning to delivery. The following services offer clients diverse expertise with a single point of contact efficiency.

- ① **Mechanical**
- ② **Rotating Equipment**
- ③ **HVAC**
- ④ **Boilers**
- ⑤ **Technical**



MECHANICAL

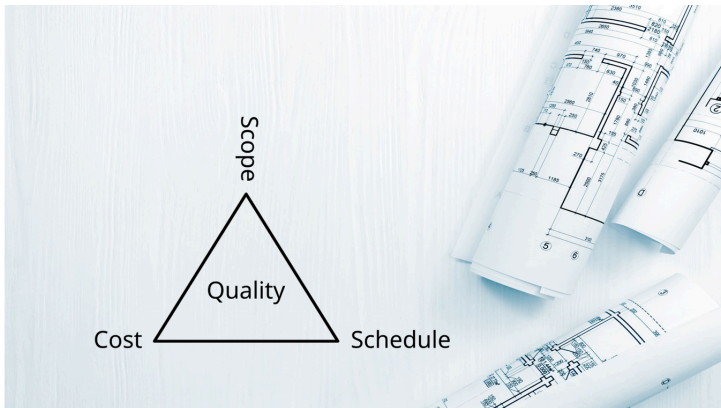


SAFETY

MECHANICAL



PROJECT MANAGEMENT



PROCUREMENT



CONSTRUCTION MANAGEMENT



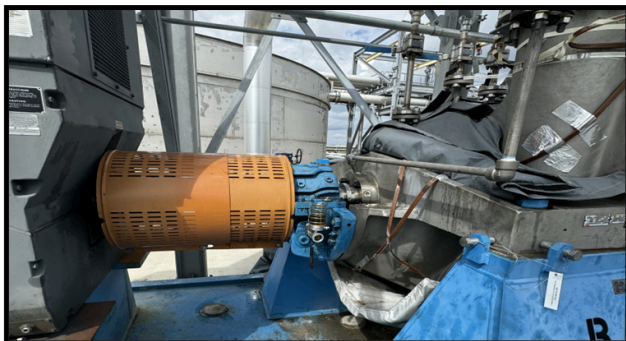
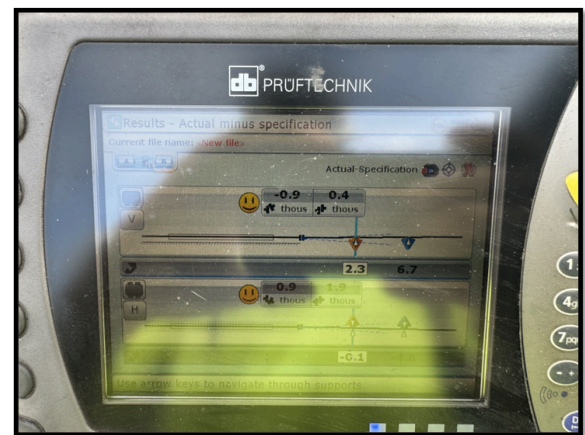


ROTATING EQUIPMENT

ROTATING EQUIPMENT



SPECIALIZED EQUIPMENT





HVAC

Our HVAC capabilities include the installation and maintenance of packaged rooftop units, split systems, VRF systems, unit heaters, and fan coil units.

We also handle exhaust fan installations, baghouse filter maintenance, and compressor services to keep your facility's air movement and filtration systems running effectively. For thermal efficiency and system health, we provide thermal scanning, steam and hot water system component checks, as well as steam trap surveys and replacements.





HVAC

MICROTURBINES

In addition, we offer expert installation and maintenance of microturbines and hot water heaters. Preventative maintenance contracts are available for all HVAC equipment, providing peace of mind and reducing the risk of unexpected downtime. With a strong commitment to quality and reliability, Alloy Mechanical is your trusted partner for full-service mechanical solutions.





BOILERS

Alloy Mechanical provides comprehensive mechanical services designed to support the performance, efficiency, and longevity of your critical systems.

Our experienced team specializes in boiler installation, inspections, tear downs, economizer and feedwater system maintenance, as well as combustion analysis. We also offer complete solutions for chiller and cooling tower installation and maintenance, along with heat exchanger rebuilds and servicing to ensure optimal operation.

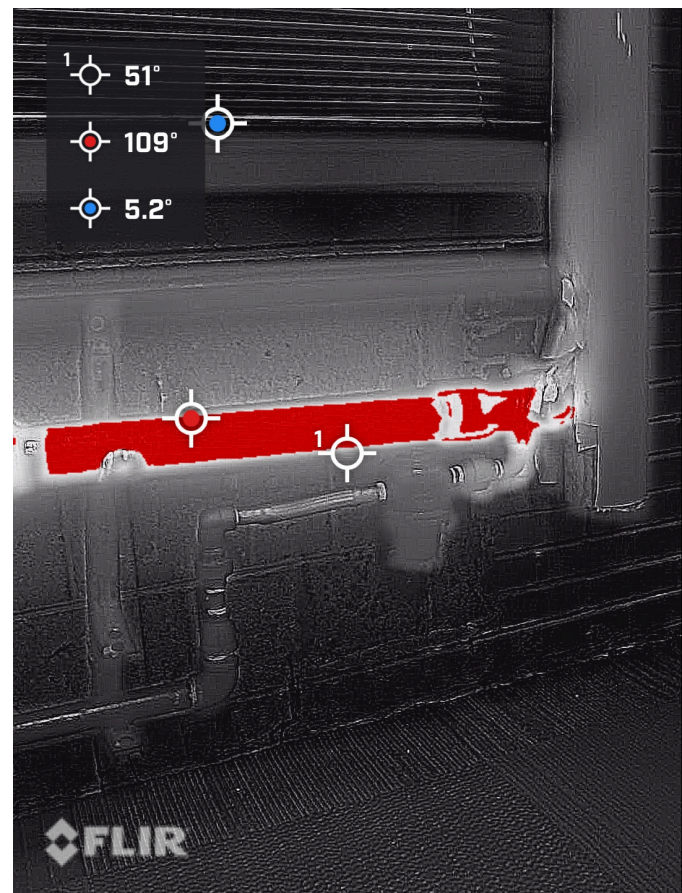
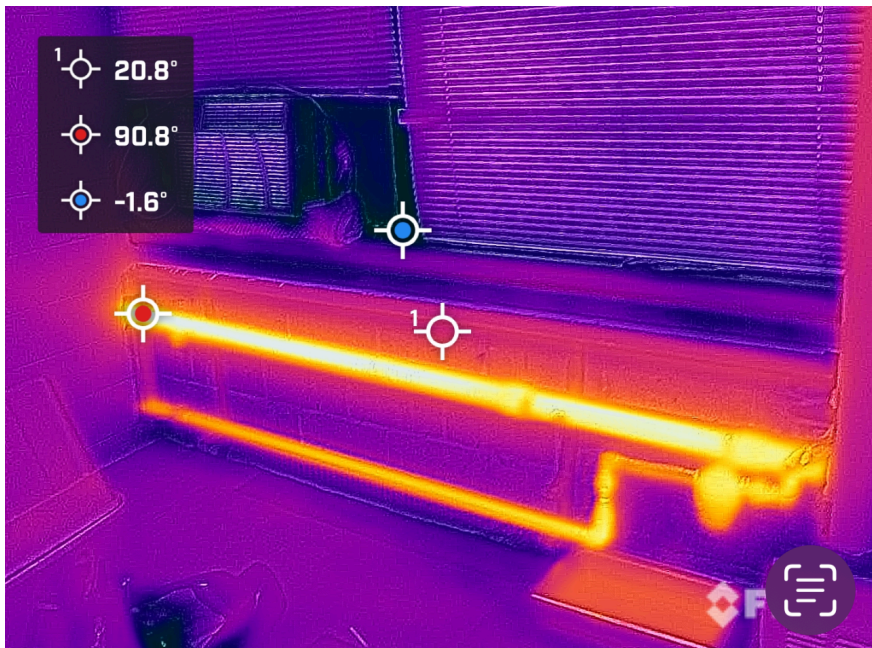




BOILERS

KEY AREAS

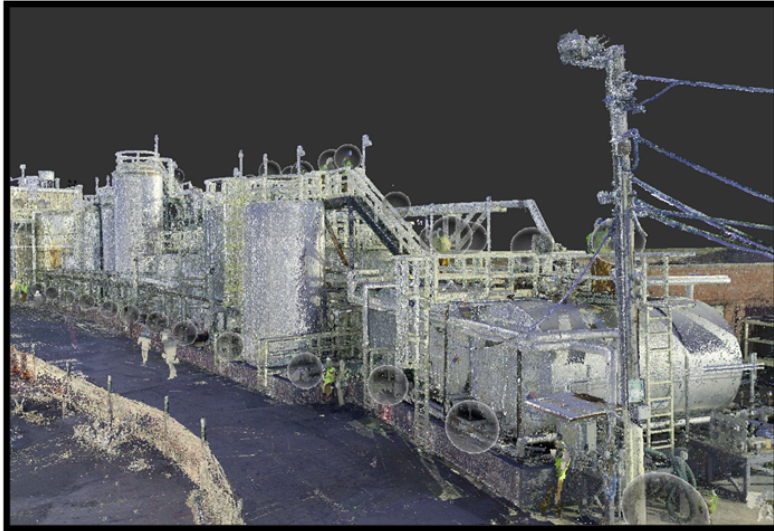
- Steam and hot water boilers
- Chillers
- Exhaust fans & ventilation systems
- Thermal scanners
- Split systems
- Packaged RTU's
- Unit heaters
- Micro turbines
- MAU's
- Steam component & trap surveys
- VRF systems





TECHNICAL

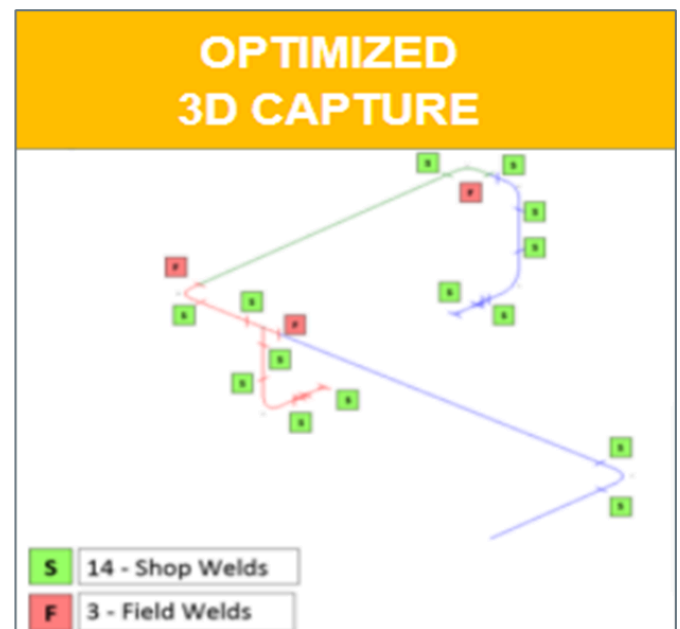
3D LASER SCANNING



SAVINGS EXAMPLE - 3D CAPTURE



\$10,544.00 (Estimated)



\$5,762.00 (Estimated)

A TRUSTED PARTNER IN THE INDUSTRIAL FIELD

EXPERIENCED TEAM

Alloy Mechanical can satisfy our clients' preferences to act as prime contractors, subcontractors, or joint venture partners to implement projects with variable sizes and scopes successfully.

We self-perform mechanical fabrication and engineering while subcontracting electrical, civil, environmental, and other ancillary services.

By combining our expertise with the experience of our proven partners, Alloy Mechanical creates a best-in-class team that provides maximum quality, safety, and can save your company up to 70% in total cost of a project.



CERTIFICATIONS & MEMBERSHIPS

- Fabrication & Welding
- ASME R-Stamp Pressure Vessel Repair
- National Certified Pipe Welding Bureau
- MIG, TIG, and Stick Welding
- Orbital Welding
- NCCER Trained
- DOT Pipeline Certified
- UA Pipe Fabrication Union Label
- 10 Hour and 40 Hour OSHA
- 8 Hour HAZMAT
- ISNetWorld Member
- PICS Member
- PTC Member
- MCA Member
- Browz Member



CONTACT US



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