



*First In Quality • First In Service • First For You*

**Your Energy Solutions Provider**

# SERVICES/COVERAGE AREA



24 Hour  
Emergency Service:  
Call Us Toll-Free: (888) 212-6324

[www.alphamechanicalservice.com](http://www.alphamechanicalservice.com)

Alpha Energy Solutions is a commercial and industrial mechanical service provider specializing in HVAC, building automation, electrical, chillers, boilers, piping, plumbing, sheet metal, and equipment rental. Alpha is a self-performing service provider covering all or parts of 15 states - Alabama, Arkansas, Georgia, Illinois, Indiana, Kentucky, Michigan, Mississippi, Missouri, North Carolina, Ohio, South Carolina, Tennessee, Virginia, and West Virginia.

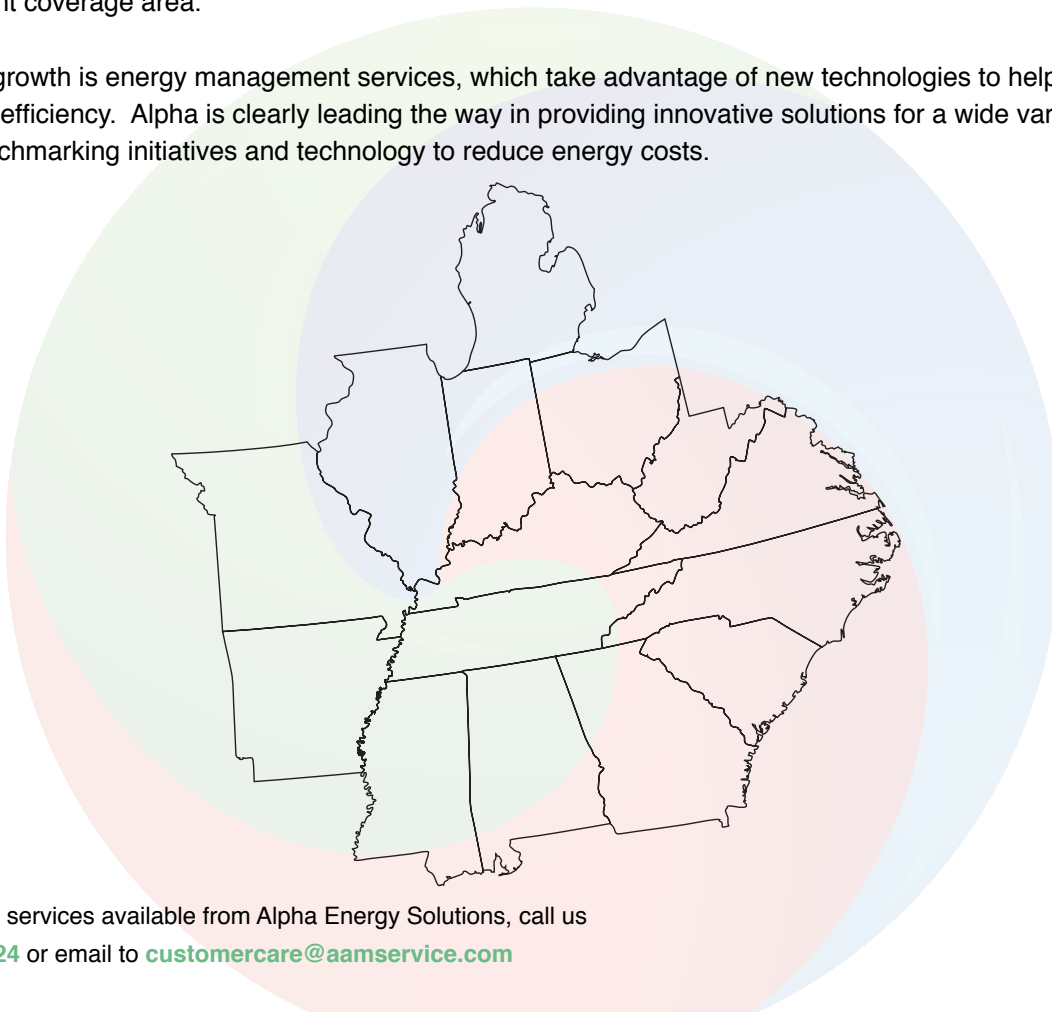
With more than 2,000 years of combined field experience, our highly skilled technicians are fast and efficient in all areas of system management and maintenance. From installation to emergency repairs, from large industrial projects to smaller commercial venues, AES offers clients the convenience of one company dedicated to a job well done.

The company's origins date to 1973. In 2003, Alpha Mechanical Service was spun off from A&A Mechanical, with a focus on service work. In 2010, the company established its current headquarters at 7200 Distribution Drive in Louisville's Riverport Business Park. Today, Alpha Energy Solutions serves thousands of customers and is dedicated to customer service.

Alpha's revenues have grown at an impressive rate of 20 percent annually since 2005. The dramatic growth has been fueled by a commitment to customer service, strong relationships with a growing customer base, and a sales and marketing strategy that sets Alpha apart from its competitors.

While the base of the company's operations is in Louisville, Alpha Energy Solutions has used aggressive sales strategy to expand into the current coverage area.

A key area for future growth is energy management services, which take advantage of new technologies to help customers increase their energy efficiency. Alpha is clearly leading the way in providing innovative solutions for a wide variety of customers, using benchmarking initiatives and technology to reduce energy costs.



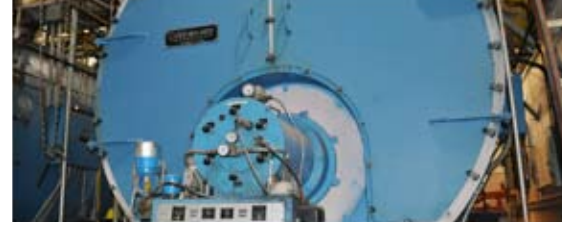
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# BOILERS



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## **Commercial and Industrial Boiler Service** *Complete Boiler Repair, Maintenance, and Installation*



Commercial and industrial boiler repair, boiler maintenance, and boiler installation are primary specialties of Alpha Energy Solutions. Our highly skilled boiler technicians have a combined history of more than 100 years of boiler service experience. We can meet the needs and requirements of the most complex boiler systems, whether it is scheduled boiler maintenance or emergency boiler repairs. Alpha Energy Solutions can custom tailor a **Preventative Maintenance Plan** to fit your needs and help maintain the performance and reliability of your boiler equipment.



**24/7 Boiler Repair** - Our on-call boiler repair staff is available 24 hours a day, 365 days a year and can be on-site within hours of your initial phone call. The Alpha boiler repair crew will swiftly resolve issues from minor refractory repairs to emergency tube replacement. We understand the importance of minimizing downtime and move quickly to get your boiler system back on line as soon as possible.

From installation and start-up, annual open and close inspections, to emergency repairs, our factory trained boiler technicians provide a fast and efficient response to your boiler needs.

### **Commercial and Industrial Boiler Service Capabilities Include:**

- **Welded Repairs (ASME & National Board Certified)** - R, S, PP Stamp Certified
- **Boiler Tube Replacement** - Straight, Bent, All Sizes and Thicknesses
- **Boiler Tube Repair** - Sectioning, Pad Welding, Rolling, Beading, Seal Welding
- **Boiler Refractory** - Firebrick, Plastic, Tile, Blanket Insulation, Spray Plating
- **Boiler Efficiency Testing & Boiler Tuning** - Combustion Analysis with the Latest Calibrated Equipment
- **Boiler Control Up-Grades** - Solid State Processor Controlled, Fault Enunciation and History
- **Boiler Safety Verification**

### **Specializing In:**

- All Manufacturers' Brands
- Water Tube Boilers
- Fire Tube Boilers
- From 1h.p. to 300,000 lbs./hr.
- Low Pressure Boilers
- High Pressure Boilers
- Customized Boiler Preventative Maintenance Programs

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# BUILDING AUTOMATION



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## Building Automation

### *Retrofit Solutions, Integrations, Service and Maintenance*



The Alpha Energy Solutions Building Automation Department has more than 150 years combined experience. Its primary focus is on retrofit solutions, integrations and service of existing building automation systems.

We deliver totally open protocol building automation systems allowing customers full access to their entire automation system. We have adopted the use of the Niagara AX® platform in all our systems. This platform, developed by Tridium®, has grown in popularity tremendously the past decade and has been adopted by all of the major control manufacturers. The controls division works to implement control upgrades and energy savings control strategies to reduce our customer's energy costs. Alpha Energy Solutions' personnel are LEED-certified and

trained in CEM (Certified Energy Manager). Alpha provides expertise on energy-saving techniques that are environmentally-friendly. Alpha Energy offers savings potential through the implementation of security badges, occupancy motion sensors, lighting controls and HVAC monitoring.

#### **Building Automation Service Capabilities Include:**

- **New Construction EMS Installations**
- **Retrofit EMS Installations**
- **Design & Build System Installations**
- **Existing System Additions & Repair**
- **Pneumatic to DDC Change Outs**
- **Pneumatic Controls Repair & Maintenance**
- **Preventative Maintenance Programs**

#### **Building Automation System Installation Customers Include:**

- **KCTCS Kentucky Community & Technical College System**
- **Clark County Government Center-IN**
- **Ebonite-KY**
- **Hazelwood Hospital**
- **Eastern State Hospital**
- **Appalachian Regional Hospital**
- **Vanderburg School Corp.-IN**
- **PNC Plaza**
- **Louisville Trophy Building**
- **Hilliard Lyons Building**
- **KFC Yum! Center**
- **Jefferson Alcohol and Drug Abuse Center**
- **North Spencer Co. School Corp.-IN**
- **C.K. Newsome Community Center-IN**
- **Bluegrass Community and Technical College**
- **Jefferson Community and Technical College**



BY JOHNSON CONTROLS



Authorized Controls Integrator



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# CHILLERS



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## Commercial and Industrial HVAC Services

### Complete Chiller System Repair, Maintenance and Installation



The Alpha Energy Solutions Chiller Division is capable of handling all your chiller system repair, maintenance and installation needs. With more than 80 years of combined field experience, our highly skilled technicians are well prepared for any chiller system service challenge 24 hours a day, every day.

We service and install all major brand chillers, cooling towers and associated equipment and are an industry leader in the retrofit and replacement market. Alpha **Preventative Maintenance Plans**, custom tailored to your needs, help maintain the performance and reliability of your chiller equipment. Whether it is routine maintenance or emergency

repairs, the Alpha Energy Solutions Chiller technicians get the job done quickly and efficiently to minimize your downtime and loss of production, saving you money.

#### Commercial and Industrial Chiller Service Capabilities Include:

- Chiller Teardown and Repair
- Chiller Installations
- Customized Chiller Preventative Maintenance Programs
- Eddie Current Inspections
- Medical Equipment Chillers
- Oil Analysis
- Refrigerant Analysis
- Vibration Analysis
- Control Panel Retrofits
- Driveline Retrofits
- Hanbell Retrofits
- Purge Retrofits
- Refrigerant Retrofits
- Solid State Starter Retrofits
- Turbocor Retrofits
- Variable Speed Drive (VSD) Retrofits

#### Specializing In:

- All Manufacturer Brands including: Trane, York, McQuay, and Turbocor
- Bitzer Rep / Distributor
- Open Drive Centrifugal Liquid Chillers
- Hermetic Centrifugal Chillers
- Air and Water Cooled Rotary Screw Chillers
- One Ton to 5,000 Ton
- Low Temperature Chillers to -30° F

 **MULTISTACK**<sup>®</sup>

 **TURBOCOR**

 **MICRO CONTROL SYSTEMS**

 **Carrier**<sup>®</sup>

 **TRANE**<sup>®</sup>

 **YORK**<sup>®</sup> **McQuay**<sup>®</sup>

 **Bitzer**

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# ELECTRICAL



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## Commercial and Industrial Electrical Service Delivering Fast, Reliable Electrical Service 24/7



The Alpha Energy Solutions team of highly skilled electricians has years of experience troubleshooting every kind of electrical problem and is on-call 24/7 to meet your commercial or industrial electrical service needs. We understand that time is money and respond quickly in the event that your equipment needs servicing, minimizing equipment failure and downtime for you. Our electricians are members of **NECA** (National Electrical Contractors Association), and the IBEW (International Brotherhood of Electrical Workers). All electricians are knowledgeable on recent industry developments, training, and standards. All jobs are manned by Master Electricians licensed by the Commonwealth of Kentucky. Alpha personnel are knowledgeable and trained in electrical safety. Alpha's experienced team will analyze and mitigate any electrical service challenge.

### Commercial and Industrial Electrical Service Capabilities Include:

- Emergency Generator Maintenance & Testing
- Building & Plant Electrical System Maintenance
- Electrical System Troubleshooting and Repair
- Security Systems-CCTV and Access Control
- Monitoring & Repair of Electrical Equipment
- Electrical System Eff. Analysis
- Power Systems Studies
- Circuit Breaker Testing
- Industrial Power and Controls
- Low Voltage Distribution Systems
- Electrical System Upgrades
- Infrared Inspections
- Voice and Data Systems
- Rotating Equipment Testing
- 24/7 Emergency Service

### Specializing In:

- Medical Facilities
- Distribution Centers
- Manufacturing Facilities
- Schools
- Parking Lots
- Retail Facilities
- Convention Facilities
- Government Facilities
- Commercial Office Buildings
- Restaurants
- Warehouses
- Industrial Plants

### Preventative Maintenance Programs

- NETA / NFPA 70B based program

### Energized Testing & Maintenance

- Infrared Thermography Inspection & Analysis
- Ultrasonic Survey & Analysis

### Testing & Maintenance Services - Special Equipment

- UPS Battery Inspection, Testing, Installation & Replacement

### Standby / Emergency Generator

### Maintenance & Testing - Electrical Components Only

- Monthly, Quarterly, Annual Inspections
- Voltage, Current, Hertz, & Kwatt Testing
- Battery, Fuel, Oil and Coolant Inspections
- Load Switching & Transfers
- Load Bank Testing
- Automatic Transfer Switch Testing & Inspection

### De-Energized Testing & Maintenance - General Equipment

- Circuit Breaker Maintenance, Inspection & Current Injection Testing
- Exercise Mechanical Components
- Internal & External Cleaning & Inspection
- Micro & Mega ohm Resistance Testing
- Proper Torque / Re-Torque of Connection Points

### Additional Services

- Third Party Commissioning & Warranty Inspections
- Panel Schedule Updates
- Auto-CAD & Electrical Drawing Updates
- Arc Flash / NFPA 70E Training @ Your Facility

# ENERGY SOLUTIONS



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## Alpha Energy Solutions

*Focused On Indoor Environmental Energy Savings*



The largest controllable expense for any building manager is the cost of the energy used to heat, cool, illuminate and operate a facility. When putting together a plan to reduce and control those costs, there's no substitute for expertise and experience.

Alpha Energy Solutions offers comprehensive energy management services using the latest in technology, applied to specific conditions by certified managers and technicians with years of experience. Our all-inclusive approach

to energy conservation assures our customers of the most thorough, cost-efficient analysis of their energy use, and reliable, low-cost methods for monitoring and implementing energy-saving measures.

Alpha's energy management team includes personnel certified in energy management with hands-on experience in a wide range of facilities. Our services include:

- Utility Data Collection
- Utility Bill Analysis
- Benchmarking
- Building EUI Energy Use Index
- Building ECI Energy Cost Index
- Building CO2 Emissions
- Maintaining Building Energy Star® Portfolio Manager
- Monthly participation in Energy Committee Meetings (if desired) (includes reporting, Energy Star® updates, consulting and support)

The first step in a comprehensive energy management plan is to evaluate your facility's current energy use. The best method for doing so is a building benchmark, in which new technology is used to determine your energy performance rating compared with similar structures. Alpha works closely with the **EPA's ENERGY STAR** program to maximize benefits for our customers.

The Energy Management Services delivered by Alpha Energy Solutions are designed to help customers take immediate action to start saving money on energy costs. Alpha Energy Solutions will perform a building benchmark at **NO COST** to identify the savings potential for any structure.

**Let's work together to further optimize your savings.**



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# EQUIPMENT RENTAL



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## Equipment Rental

*Your Source for Chiller, Boiler, Power Generation and Auxiliary Rental Equipment*



Alpha Energy Solutions provides total rental solutions including application engineering, delivery, installation, operation and maintenance. With a full range of products and services, we can meet all of your remote, temporary, backup, cooling and peak shaving needs.

Alpha is ready to respond during any emergency situation, whether it's a natural disaster or unplanned outage, to deliver the equipment you need to keep your operation from suffering catastrophic losses.

### Climate Controls Rentals

From 1-ton (3kW) air conditioners to 1000-ton (3500 kW) water-cooled chillers, our climate control solutions deliver extra peak period energy.

- Boilers
- Chillers
- Heaters
- Air Handlers
- Spot Coolers
- Cooling Towers
- Air Conditioners
- Heat Exchangers

### Air Moisture Control Rentals

Improve your productivity and maintain a controlled environment by eliminating excessive indoor moisture with a dehumidifier rental solution from Alpha.

- Dehumidifiers

### Power Generation Rentals

Count on us for efficient and rapidly deployable generator sets from 5 kW to 22.8 MW. Rent by the day, week, month or year.

- Fuel Tanks
- Load Banks
- Generators
- Electrical Distribution

### Distribution and Auxiliary Equipment Rentals

From pumps to light towers, transformers to switchgear, we are a single source for comprehensive, temporary energy solutions that work.

#### Industrial Refrigeration Applications:

- Piping
- Pumps
- Cable T s
- Switchgear
- Transformers
- Quad Box Strings
- Valves
- Controls
- Cable bins
- Light Towers
- Cable Ramps
- Synchronization / load share panels



# FOOD EQUIPMENT



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## Food and Restaurant Equipment Service *Commercial Foodservice Equipment Repair and Maintenance*



The Alpha Energy Solutions Food and Restaurant Equipment Service Division provides a comprehensive range of commercial food and restaurant equipment repair and **maintenance solutions**. Our experienced and highly trained technicians provide top quality routine maintenance and repairs and are available 24/7 for emergency commercial food equipment service. We respond quickly and efficiently to your foodservice equipment repair or maintenance needs to help avoid downtime and save you money.

Alpha Energy Solutions is licensed and insured with Factory-trained service technicians. All our vehicles are equipped with the latest GPS capabilities to ensure you get the fastest, most reliable service possible. Alpha Energy Solutions is a **CFESA Member** (Commercial Food Equipment Service Association) and a Factory Authorized Warranty service provider.

### Commercial Food and Restaurant Equipment Services Include:

- Installation and Removal
- Equipment Refurbishment
- On-site Food Equipment Repair
- Preventative Maintenance Plans

### Specializing In:

- Range Repair
- Walk-in Cooler / Freezer Repair
- Fountain Machine Repair
- Water Filtration System Repair
- Ice Maker Repair
- Mug Freezer Repair
- Reach-in Cooler / Freezer Repair
- Refrigerator Repair
- Drawer Freezer Repair
- Deli Equipment Repair
- Combi-Unit Repair
- Display Case Repair
- Make Table Cooler Repair

### Commercial Food Equipment Manufacturer Brands We Service Include:

- Star
- Wells
- Lang
- Pitco
- Anets
- Vulcan
- Blodgett
- Frymaster
- Bloomfield

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# HVAC



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## Commercial and Industrial HVAC Services High Quality HVAC Repair, Maintenance and Replacement



The Alpha Energy Solutions Commercial and Industrial HVAC Division provides 24/7 HVAC system repair, maintenance and replacement services. Our experience encompasses large and small projects in a wide range of markets. With more than 100 years of combined field experience, our factory-trained technicians are well equipped to handle all aspects of commercial and industrial HVAC system repair, maintenance and replacement.

Utilizing GPS tracking in all service vehicles and our state-of-the-art Dispatch Center ensures you'll get the fastest, most reliable service whether it is scheduled maintenance or emergency service. Our customized **HVAC Preventative Maintenance plans**, tailored to fit

your needs, help extend the life of your HVAC system, reduce your downtime and save you money.

### Commercial and Industrial HVAC Service Capabilities Include:

- Computer room A/C units
- Split Systems
- Packaged Roof Top Units
- Air Handler Units
- Heat Pump Loops
- Underground Systems
- Thermal Storage
- Cooling Towers
- Variable and Condensed Air Volume Distribution Systems
- Make Up Air Units
- VAV (Variable Air Volume) Boxes
- Ice Machines
- Indoor Air Quality
- Air Dryers
- Cabinet Coolers
- Paint Booths

### Specializing In:

- HVAC System Maintenance
- HVAC System Repair
- HVAC System Replacement
- HVAC System Parts
- Customized Preventative Maintenance Programs
- Apartment Buildings and Condominiums
- Commercial Office Buildings
- Hotels
- Schools
- Convention Facilities
- Government Facilities
- Distribution Centers
- Industrial Plants
- Manufacturing Facilities
- Medical Facilities
- Restaurants
- Retail Facilities



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# INSULATION



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## Insulation

*Alpha Energy Solutions Insulation Department provides and installs insulation*



Proper insulation is one of the most important features in building management and maintenance. Without proper insulation, it can cause equipment to freeze, overheat, and operate inefficiently, which hurts energy savings and the life of the equipment. Quality insulation is a low-cost application that saves money by being energy efficient.

The Alpha Energy Solutions Insulation Department provides and installs insulation that can cover a wide range of equipment throughout our coverage area.

Commercial and Industrial Insulation service capabilities on equipment includes pumps, valves, chillers, boilers, tanks, piping, and external duct work. Additionally, Alpha Energy Solutions installs removable pump boxes and blankets on equipment that needs to be accessed frequently for service and maintenance, saving money by reusing existing insulation solutions.



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# PARTS



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## Parts Department

*Boiler, Burner, Chiller, HVAC, Plumbing and Commercial Food Equipment Parts*



The Alpha Energy Solutions Parts Department is well equipped to handle any parts requirement you may have including boiler, chiller, HVAC, plumbing, electrical, ice machines and commercial food equipment parts. Alpha Energy Solutions provides replacement parts for government facilities, manufacturing facilities, and commercial office buildings as well as apartment buildings and condominiums. From the most commonly used to the hard-to-find, the Alpha Energy Solutions Parts Department will find and deliver the parts you need to get you back on line.

Replacement parts are available for:

- Air Handlers
- Boilers
- Chillers
- Condensing Units
- Furnaces
- Hanging Heaters
- Heat Pumps

Some of the most popular Boiler and Chiller Parts include:

- Air Compressors
- Ball Valves
- Blower Wheels
- Compressors
- Diffusers
- Electrodes
- Gasket Kits
- Gas Valves
- Heat Exchangers
- Ignition Transformers
- Microprocessor Controls
- Oil Nozzles
- Oil Pumps
- Pressure Gauges
- Pumps
- Refractory Materials
- Refrigerant
- Regulators
- Relief Valves
- Site Glass
- Steam Regulators
- Steam Traps
- Temperature Regulators
- Thermometers
- Tube Bundles
- Tubing Products

Replacement Units:

- Air Handlers
- Heat Pumps
- Condensing Units
- Furnaces
- Boilers
- Hanging Heaters



SPENCE ENGINEERING COMPANY, INC.  
A subsidiary of CIRCOR International, Inc.



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# PIPING



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## Commercial and Industrial Piping Service

*Complete Piping Repair, Maintenance and Installation*



Alpha Energy Solutions provides piping services to all types of commercial and industrial businesses including factories, apartment buildings, restaurants, office buildings, shopping malls, and other small and large retail facilities. Our highly trained technicians work closely with business owners and property or plant managers to ensure on time service for all your commercial and industrial piping needs.

### Commercial and Industrial Piping Service Capabilities Include:

- PVC and CPVC Piping
- Stainless Steel Piping
- HDPE and HDPP Piping
- Steam Condensate Systems
- High and Low Pressure Gas Piping
- High and Low Pressure Steam Piping
- Threaded, Grooved and Welded Piping
- Industrial Heat Trace System Installation
- Copper Piping
- Jacketed Piping
- Industrial Piping
- Galvanized Piping
- Ammonia Systems
- Chemical Systems
- Carbon Steel Piping
- Food Grade Piping

### Specializing In:

- Medical Facilities
- Distribution Centers
- Convention Facilities
- Government Facilities
- Manufacturing Facilities
- Commercial Office Buildings
- Apartment Buildings and Condominiums
- Hotels
- Schools
- Restaurants
- Warehouses
- Retail Facilities
- Industrial Plants

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# PLUMBING



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## Commercial and Industrial Plumbing Service *Providing Expert Plumbing Repair, Maintenance and Installation*



Alpha Energy Solutions has the knowledge, experience and resources to provide superior plumbing service to businesses and industrial facilities 24/7. We offer a comprehensive range of commercial and industrial plumbing services and **preventative maintenance programs** tailored to suit each customer's needs. With years of experience, our highly trained plumbing professionals get the job done quickly and efficiently to reduce downtime and save you money.

### Commercial and Industrial Plumbing Service Capabilities Include:

- **Leak Detection**  
Utilizing a state of the art electro-acoustical water leak detector, we can pinpoint underground or hidden water leaks and perform repairs.
- **Pipe Locating**  
Utilizing a multi-frequency pipe location system, designed to accurately locate underground piping, we can save you time and money by locating piping to perform repairs.
- **Camera Inspections**  
Utilizing a state of the art pipe inspection camera and TV monitor, our team inspects the piping from an interior view. After locating broken or troubled spots, our technicians will make all the necessary repairs.
- **High Pressure Hot Water Jetting (The Hot Jet Advantage)**  
Our crew utilizes a high-pressure water jet with 3000 PSI of water pressure to clear grease, sludge and sediment from drainage systems.
- **Backflow Prevention Installation and Testing**  
Your local water supplier may now require annual testing and certified installation.
- **Preventative Maintenance Programs**  
We design maintenance solutions customized to your specific facility needs.

### Service Benefits

Alpha Energy Solutions takes pride in our excellent quality of service. No matter the size or complexity of the plumbing system, we challenge ourselves to exceed our customer's expectations. We understand the needs of commercial and industrial facility owners and operators and work diligently every day to provide them with these benefits:

- **Increased Productivity**
- **Safety and Security of Facility Plumbing Systems**
- **Water Conservation**
- **Efficient Hot Water Heating Systems**
- **Reduced Operating Costs**
- **Pipe Cleaning, Pipe Leaks, Water Leaks**
- **Lowered Energy Consumption**
- **Less downtime**
- **Longer Life of Plumbing Systems**
- **Consistent Facility Comfort**
- **Better Water Quality**

# REFRIGERATION



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## Commercial and Industrial Refrigeration Service

*Ready to Meet your Refrigeration Repair, Maintenance or Installation Needs 24/7*



The Alpha Energy Solutions highly trained refrigeration technicians are available 24/7 every day to meet your refrigeration service needs. Our team of certified technicians provides maintenance, repair and installation of a wide range of commercial and industrial refrigeration systems.

We understand that commercial refrigeration systems and freezers are used throughout a variety of industries and with many types of perishable products. With that in mind, our goal is to respond quickly and efficiently to your refrigeration service needs to help avoid downtime and loss of product, saving you time and money.

Our technicians are well trained to diagnose and repair any commercial or industrial refrigeration product to keep your system operating efficiently. By using the latest technology and testing equipment, our **maintenance programs** keep your refrigeration equipment operating at maximum efficiency.

### Commercial Refrigeration Applications:

- Ice Makers
- Walk-in Coolers
- Walk-in Freezers
- Ice Skating Rinks
- Ice Merchandisers
- Merchandise Boxes
- Low Temperature Chillers
- Thermal Storage Systems
- Display Cases for Food Products
- Display Cases for Floral Products

### Industrial Refrigeration Applications:

- Distilleries
- Egg Plants
- Meat Packing
- Poultry Plants
- Freezer Plants
- Blast Freezers
- Spiral Freezers
- Chemical Plants
- Distribution Centers
- Plastics Manufacturing
- Food Processing Plants
- Ice Manufacturing Plants
- Thermal Storage Systems
- Refrigerant Manufacturing
- Cold Storage Warehouses
- Gas Compression Facilities
- Liquid Chilling Applications
- Process Temperature Control
- Ambient Temperature Control
- Air Inlet Cooling for Gas Turbines

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# SHEET METAL



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## Commercial and Industrial Sheet Metal Service *Superior Sheet Metal Repair, Fabrication and Installation*



The Alpha Energy Solutions Sheet Metal division provides superior quality sheet metal repair, fabrication and installation to businesses and industrial facilities throughout our coverage area. With more than 100 years of combined field experience, our sheet metal staff is ready to handle every aspect of sheet metal repair, fabrication and installation.

### Commercial and Industrial Sheet Metal Service Capabilities Include:

- HVAC Duct Work
- Custom Sheet Metal Fabrication
- Dust and Fume Control and Removal
- Indoor Air Quality and Air Filtration
- New Duct Installations
- Remodel and Retrofits
- Cooling Tower Repairs
- Factory and Custom Breechings
- Chimneys and Flues

### Specializing In:

- Design
- Estimation
- Fabrication
- Repair
- Installation
- Machine Guards
- Railing
- Custom AHU Rebuilding
- Damper Retrofits / Rebuilding

For more information on services available from Alpha Energy Solutions, call us toll free at (888) 212-6324 or email to [customercare@aamservice.com](mailto:customercare@aamservice.com)

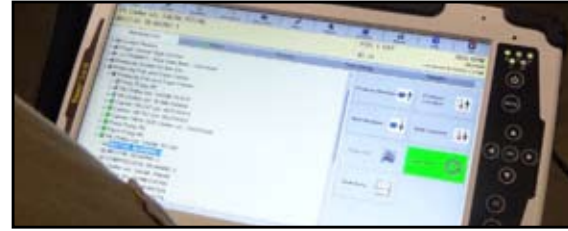


# VIBRATION ANALYSIS



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## Vibration Analysis

### *Alpha Energy Solutions & Azima Team Up to Offer Vibration Analysis Services*



Alpha Energy Solutions is now offering its customers expanded Predictive Maintenance (PdM) services to deliver early warning of equipment faults in chillers, pumps, presses, conveyors, and other industrial machinery.

Alpha is the first U.S.-based service provider to become an “Authorized PdM Service Agent” of Azima DLI, a global leader in predictive maintenance analytical services and products. Azima DLI’s vibration analysis technology detects developing faults in equipment, allowing owners to intervene before a catastrophe occurs.

“Vibration analysis can be a real cost-saving measure on equipment,” said Ron Jenkins, Foreman at Alpha Energy Solutions. “The old way was to fix on failure, but this technology detects bad bearings and other problems before they happen, often months in advance.”

Jenkins said the vibration analysis reports provided to customers identify machine issue, specify their severity, and offer repair recommendations.

“We’re delighted to have a business the caliber of Alpha Energy Solutions as our first Authorized Agent in the United States,” said Ken Piety, Vice President of Technology at Azima DLI. “Their strong local presence and commitment to customers is a natural fit for our Agent Program. By authorizing Alpha to sell our vibration services and products, they can deliver additional value to their customers backed by Azima DLI’s diagnostic analysis expertise.”

Alpha Energy Solutions has provided vibration analysis to its customers for several years. By becoming an Authorized Agent of Azima DLI, Alpha can offer a wider range of choices to its customers.

“They wanted us to be their first representative in the United States,” Jenkins said. “Now we will be able to provide the equipment, set up the analysis, and provide our customers with another way to save money and be more efficient.”



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