





# Helm Mechanical Service Division

As an extension of Helm Mechanical, our Service Division is dedicated to complete customer satisfaction. We have a team of expert service technicians operating throughout Illinois, Wisconsin, Iowa, Indiana, Kansas, and Nebraska who oversee the maintenance of our customers' facilities.

Helm's services include 24-hour, 7 days-a-week response and facility monitoring, preventative maintenance programs and all aspects of HVAC, chillers, boilers, and plumbing repairs. Along with energy monitoring evaluation and management.





# Select services we provide:

- Boiler Combustion Efficiency Analysis
- New Installations/Retrofits
- Eddy Current Testing
- Fire/Smoke Damper Inspections
- Backflow Inspection/Certification
- Vibration Analysis
- Engineering
- Aquatic Facility
   Startup/Maintenance

# Select equipment we service:

- HVAC
- Boilers (Steam & Hot Water)
- Ventilation & Exhaust
- Temperature Controls
- Dehumidification Units
- Process Burners
- Chillers (Process & Environmental)
- DDC Systems

- Data Center Cooling Systems
- Makeup Air Equipment
- Cooling Towers
- Pneumatics, Pumps & Compressors
- Humidifiers
- Process Piping/Plumbing
- Fire Panel Inspections

# **Preventative Maintenance Programs**

No matter the condition, every system will eventually experience wear and inefficiencies. Helm Service's Preventative Maintenance Programs remove the guesswork from facility upkeep by providing structured, professional care that protects your investment.

We offer a full range of scheduling options — weekly, monthly, quarterly, semi-annual, and annual — to match the specific needs of your equipment and operations. Our certified technicians use electronic tasking and documentation to ensure precision and transparency without relying on outdated physical booklets.

By extending the life of your equipment, minimizing downtime, and identifying potential issues before they escalate, Helm's preventative approach helps you operate more efficiently — and more confidently.

# **Basic Coverage**

Our Basic option provides all scheduled factory-level preventative maintenance required. Any repairs or replacements found would be quoted in advance for the customer's review and approval.

Basic Coverage aims to help maintain the ASHRAE useful life cycle of the equipment and be proactive to limit repairs. Basic Coverage allows for service tickets from the maintenance inspection to be emailed to the customer before our technician leaves the site. The program includes documented maintenance and repair items to help customers budget for future replacements.

# **Comprehensive Coverage**

This full-service option provides scheduled preventative maintenance visits that cover factory-level maintenance as well as replacement and repair items found during scheduled inspections and service calls throughout the year. Any exclusions will be fully detailed and customized at the time of proposal.

Comprehensive Coverage is perfect for customers on strict budgets who appreciate the predictability of set costs. It's not only convenient but economical to know HVAC and other equipment service costs on a predictable, annual basis.

Helm's Basic and Comprehensive service programs help reduce the risk of premature failure, unscheduled downtime, and costly emergency repairs. Prolong equipment life and avoid unnecessary failures with preventative maintenance!

# **Helm's Partnership Approach**

Helm's Service Division strives to give you the best possible solution and support for your project. We begin with the evaluation of your current needs to determine if you require a capital budget plan, replacement of parts, or new equipment installation. Whether we're looking at a main boiler or chiller plant, blower and fan coil units, air-cooled chillers, pumps, or digital controls, our goal is to find the best and most cost-efficient way of making your facility work at top performance.

#### **On-site Visit**

During the initial on-site visit, your Helm Service technician will carefully evaluate the condition of your equipment and systems.

## **Evaluation & Plan**

Combining information gained during our on-site visit, your Helm team will create service plan options from which you can choose.

## **Fulfillment**

Depending on our recommendations—and your choice—Helm Service will either replace, retrofit, or perform all new installations to meet your unique needs.

# **Specialized Electrical Services**

In addition to our mechanical expertise, Helm Service offers advanced electrical capabilities that set us apart from the competition. Our technicians are trained in the latest technologies and deliver solutions that improve system performance, enhance safety, and support long-term energy efficiency.

## Key services include:

- Switchgear Testing & Maintenance Ensure critical electrical distribution systems operate safely and reliably
- Ultrasonic Testing Identify issues like arcing and tracking before they
  cause failures
- Infrared Thermography Detect overheating components and prevent electrical fires
- Lighting Upgrades Improve illumination while reducing energy costs
- EV Charging Station Installation Support sustainable infrastructure with scalable, code-compliant solutions

These services can be integrated into a broader preventative maintenance program or performed as stand-alone upgrades to modernize your facility.

# **Building Automation**

The Helm Group's Service Division also has an elite group that provides engineering, installation, and support of building automation. This includes HVAC systems, remote access and/or monitoring, camera and card access systems, and energy usage monitoring—everything a building's systems need now or are likely to need in the future.

We can integrate legacy control systems into one user platform, perform control work in new facilities, and much more. The Helm Group's Service Division transforms the most diverse and complicated systems and ties them into one easy-to-manage automated solution. Our staff are experts in operational energy efficiency and continuous, 24/7 monitoring. When it comes to automation planning, execution, and ongoing monitoring, Helm is your first choice.

## **General Building Maintenance & Automation**

- Manufacturing Systems Maintenance
- Building Systems Operation & Maintenance
- Securitization
- Efficiency and Energy Analysis
- Backflow Inspection/Certification
- Fire/Smoke Damper Inspections
- Vibration Analysis
- Equipment Installation, Repair & Maintenance
- Eddy Current Testing





# **Engineering Services**

Helm Engineering is a registered Engineering Firm in the state of Illinois. The team performs engineering on all the company's design-build construction projects; supports our product team on design-assist and integrated project delivery (IPD) projects; supports our famed Mechanical division on traditional plan-and-spec projects; performs energy design and analysis; and handles commissioning on internal and external projects.

We also add value by solving complex engineering problems during construction—often recommending alternative methodologies and materials to streamline projects, enhance quality, and decrease costs. With literally hundreds of years of engineering experience at their fingertips, our engineering team's registered professional engineers bring real-world experience and expertise to every project they touch.

Our engineers are also registered in Wisconsin, Indiana, Nebraska, California, Colorado, and the District of Columbia.

# **Capabilities**

- Integrated Project Delivery
- Value Engineering
- Plan and Spec Enhancement
- Test and Balance

- Energy Design Analysis
- Building Controls and Automation
- Commissioning

# **Cooperative Procurement**

Helm is proud to be awarded cooperative procurement contracts with TIPS and Equalis, enabling federal, state, and local government agencies, as well as public and private educational institutions and non-profit organizations, to streamline their procurement process.

Through these contracts, entities can bypass the need for individual bids, saving both time and money by taking advantage of bulk purchasing discounts. With Helm's high-quality, competitively-vetted products and services, organizations can access cost-effective solutions while ensuring full compliance with procurement regulations, all while benefiting from a more efficient and reliable process.

# Building excellence in the heartland since 1946.

Known throughout the Midwest and beyond for decades by our iconic red "Mechanical" and "Civil" trucks, Helm Group introduced a unified brand identity in 2020. The hexagon logo now serves as a single umbrella under which our diversified and integrated divisions proudly operate—bringing efficiency, consistency, and greater value to our customers.

As a family-owned company founded in the heart of the Midwest, Helm has grown from humble beginnings into one of the most respected construction and service providers in the region. From constructing the largest hospitals in the Midwest to supporting the smallest industrial processes, we remain focused on safety, quality, and efficiency.

Our engineering, planning, and construction innovation—combined with an exemplary safety record—allow us to deliver high-performing solutions at value-driven costs. Meanwhile, our Paving, Highway Structures, and Materials divisions help shape the roads and bridges that connect communities.

Since our early days in the mid-20th century, the world has changed dramatically, largely driven by the relentless pace of technology. Through it all, Helm has remained at the forefront, embracing change, advancing accuracy, collaboration, efficiency, and quality—while building one of the best safety records in the business.

Rooted in the values of the American Heartland and guided by a legacy of leadership, our growth has never strayed from the principles that built our name. We are technically advanced, values-driven, and unwavering in our promise to "do what we say." **That commitment defines The Helm Difference.** 





HVAC
Plumbing
Building Automation Controls
Electrical
Sheetmetal Fabrication

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