



**F&G Mechanical**  
An EMCOR Company



**Meadowlands**  
Fire Protection  
An EMCOR Company



Providing clients state-of-the-art HVAC, piping fabrication, plumbing, fire protection, and preventive maintenance services—for over 70 years.



## From Mission Critical. To Mission Accomplished. For Over Six Decades.

Since 1947, F&G Mechanical has been redefining what it means to be customer-service oriented. F&G Mechanical is **committed to helping ensure on-time, on-budget project delivery that infuses safety** into every phase of each project we complete.

### Increasing Awareness. Reducing Risk.

At F&G Mechanical, the corporate directive is zero tolerance for injuries. But simply having a directive isn't enough. Our safety programs are proactively designed to remove at-risk behavior in the workplace. We focus on the "human factor"—with the goal of each employee going home every day uninjured. Using safety meetings, Tool Box Talks, and Safety Stand Downs, we constantly equip our people with the knowledge and tools to work safely.

### Complex Projects. Same Outstanding Quality.

While each project F&G Mechanical performs is unique, we approach each one with the same steadfast commitment to quality—quality that is measured by our ability to meet client expectations. Regardless of how large or complex a project is, our quality goal is always the same: 100% customer satisfaction.

### Diverse Services. Specialized Industries.

Specialized industries require specialized solutions, and no two projects are alike. No matter how complicated a client's project is—whether it's a data center, a commercial building, a corporate headquarters, or a warehouse—F&G is able to provide a top-shelf offering of mechanical services. In fact, F&G Mechanical is one of the only mechanical contractors in the NY/NJ area that can provide such a unique combination of skill, flexibility, responsiveness, and coordination.

### HUNDREDS OF PROJECTS. EIGHT MAJOR MARKETS SERVED.

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Biotech/Healthcare

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Commercial

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Education

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Entertainment/Hospitality

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Manufacturing/Industrial

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Public/Government

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Residential

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Technology

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### NOTABLE PROJECTS

#### Statue of Liberty National Monument, Ellis Island Removal and installation of:

- > Centrifugal chillers and boilers
- > Air-handling units, and chilled water and steam piping
- > HVAC units
- > 30,000+ square feet of ductwork

#### Hudson Lights, Fort Lee, NJ

- > One million-square-foot retail, restaurant, hotel, and office space development
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## HVAC

HVAC is more than just simple heating and cooling. It's a specialized service that demands a team of engineering-oriented individuals that can address technical concerns in all phases of mechanical systems construction. Real Experience. Real Knowledge. Our knowledge of HVAC encompasses everything from layout and installation, to writing methods of procedure (MOP), to control, startup, pre-commissioning, and commissioning. We also perform work 24/7/365. Regardless of when we're needed, we're there.

### Services include:

- > Tenant fit out
- > Core and shell
- > Process piping
- > Startup/commissioning
- > Fuel oil/containment
- > Refrigeration
- > Pre-fabricated chiller plant installation
- > Rigging
- > Design-build
- > Fast track
- > Preventive maintenance

## Plumbing

F&G Mechanical's own plumbers—not subcontractors—perform all of our clients' plumbing work. Our Plumbing Division is highly qualified, experienced, and skilled and can handle anything from routine installations to fast-track projects to complex design-build systems. Our plumbers are also union members, and ongoing training keeps them current in an everchanging marketplace.

### Ongoing Maintenance and Service

F&G Mechanical's reliable, responsive plumbing services team can help keep all drainage and sewage systems trouble free while also satisfying stringent local health and safety regulations. Our fully licensed experts are also certified to perform a full range of plumbing services, including gas line fusing and medical gas system installation. Our experts can even check plumbing line location and condition with video cameras. This helps ensure effective preventive maintenance and rapid problem identification and resolution.

## Preventive Maintenance

F&G Mechanical's preventive maintenance experts help ensure that equipment failures and downtime rarely happen. When failures occur, money is lost—and we understand how critical that can be. F&G Mechanical's expert preventive maintenance team helps mitigate downtime risk by offering installation and retrofit services with around-the-clock maintenance services.

F&G Mechanical experts perform detailed infrared scans of equipment that provide sophisticated analyses of "hot spots"—sites of impending failures. We can then address serious issues before they lead to disaster. And by storing and periodically comparing these images, we can typically detect developing problems in time to address them and avoid safety hazards.

### Preventive Maintenance Benefits:

- > Minimal impact from unanticipated equipment failures and power disruptions
- > Fast, accurate, and comprehensive checks of all equipment
- > Closure of gaps in existing maintenance program
- > Scheduled parts replacements and repairs that minimize downtime and help control costs
- > Rapid emergency response to ensure consistent, reliable power
- > Potential property insurance savings
- > Improved safety, reliability, and efficiency

## Ellis Island. Harborside VII. Diverse Clients Deserve a Diverse Suite of Services.

### Design-build

As a design-build organization, F&G Mechanical is committed to resolving constructability issues before they become costly expenses. Our awareness of project schedules and budgets is an integral component to our design-build services program. During each project, we help control costs by reducing administrative burdens and improving risk management.

#### Our capabilities include:

- > Leading project coordination process
- > Generating precise shop drawings for submittal/construction
- > Implementing laser-scanning technology to accurately field-measure millions of data points
- > Providing accurate, detailed material lists for precise ordering and less wasted material
- > Delivering precise fabrication sheets to any of our fabrication shops
- > Designing hangers and supports—large and small
- > Utilizing software, such as online meeting platforms and cloud-based storage, to manage project files and maintain constant accessibility for all information

### BIM

Building Information Modeling (BIM) is one of the surest ways to resolve constructability issues up front. It can also help provide tremendous overall cost savings.

### Pipe Fabrication

F&G Mechanical's 25,000-square-foot facility allows us to fabricate high-quality custom pipe designed to fit accurately and stand the test of time. When combined with our expert in-house planning department, clients are presented with a pipe fabrication solution that helps improve contract schedules, save money, and organize critical-path activities. This leads to a safer, more precise cost-controlled project experience.

UA Yellow Label F&G Mechanical is a United Association (UA) yellow label fabrication shop. This means we employ pipefitters and fabricators that are members of the United Association, one of the foremost providers of training in the industry.

### Fabrication by the Numbers

Annually, our fabrication shops produce, complete, assemble, use, load, or log:

- > 100 miles of pipe
- > 20 tons of structural steel
- > 10,000 carbon steel welds
- > 1,000 stainless steel welds
- > 300 skids

**F&G is an ISN-Certified Contractor** which means we've been pre-qualified in the areas of safety, insurance, performance, quality, and regulatory requirements by ISN, the global leader in contractor and supplier management.



- > 300 outbound trucks
- > 10,000 gallons of gasses (argon, oxygen, acetylene)
- > 5,000 pounds of spools of wire
- > 52,000 man-hours

## Meadowlands Fire Protection. A Leader in the Fire Protection Industry.

In 1984, F&G Mechanical recognized the need for an operation devoted **entirely to fire protection systems** and formed an affiliate company, Meadowlands Fire Protection Corporation (MFP). Like F&G, Meadowlands has built its reputation and business on customer service and satisfaction—we have never missed a customer's deadline!

Today, Meadowlands is recognized as a leading fire protection company in the Northern New Jersey/Metro market. We are committed to providing the highest quality services and systems. Our highly trained staff and experienced field personnel deliver the expert and reliable services our customers have come to expect.

### Inspection, Service, and Maintenance Programs:

- > Annual inspections
- > Quarterly sprinkler inspections
- > Fire pump testing
- > Dry pipe testing
- > Pre-action system testing
- > Backflow certification and repair
- > Inspection and testing documentation
- > Repairs
- > 24-hour service

### Design-build Capability

Meadowlands Fire Protection has professional engineers on staff to offer our clients complete design-build fire protection systems in the following sectors:

- > Commercial
- > Retail
- > Residential
- > Data and communications
- > Health care
- > Pharmaceutical
- > Warehouse and storage

### FIRE SAFETY SYSTEM AND SERVICES

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Wet and Dry Sprinklers

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Pre-Action and Deluge Systems

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Wet and Dry Chemical Systems

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Standpipe and Fire Hoses Systems

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Backflow Preventers

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Foam Systems

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Fire Pumps

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Water Storage Tanks

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**Harnessing the Power of a Fortune 500® Leader** A Fortune 500® company, EMCOR Group, Inc. (NYSE: EME) is a leader in mechanical and electrical construction, industrial and energy infrastructure, and building services.

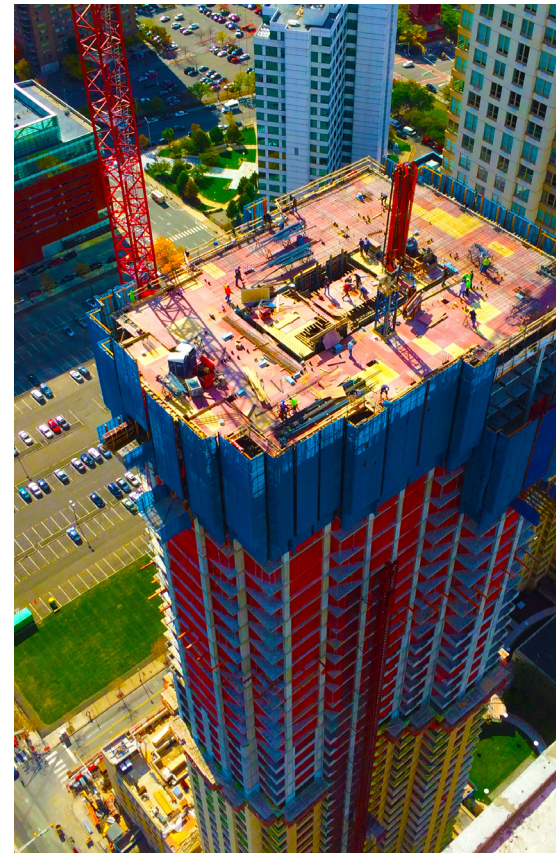
EMCOR specializes in planning, installing, operating, maintaining, and protecting the sophisticated and dynamic systems that create facility environments. This includes systems such as electrical, mechanical, lighting, air conditioning, heating, security, fire protection, and power generation.

With over 180 locations and approximately 33,000 skilled employees, EMCOR works in virtually every sector of the economy for a diverse range of businesses, organizations, and government agencies.

**[emcorgroup.com](http://emcorgroup.com)**

### **Safety that Beats the National Average**

EMCOR's safety performance consistently remains strong year after year with a current Incident Rate that is 52-percent lower than our competitors (Source: Bureau of Labor Statistics Industry Average for Specialty Contractors NAICS 2382, 2022). For 15 consecutive years, our incident rate has been less than half the industry average.



### **WHAT CAN WE DO FOR YOU?**

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