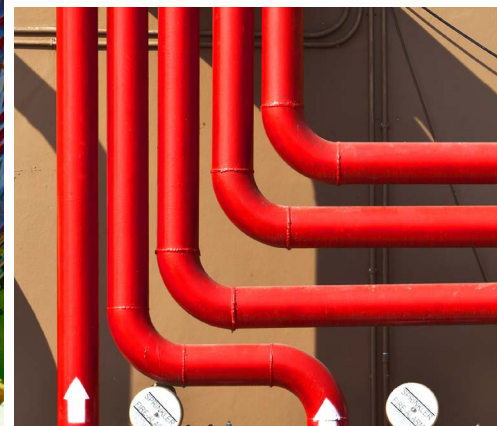
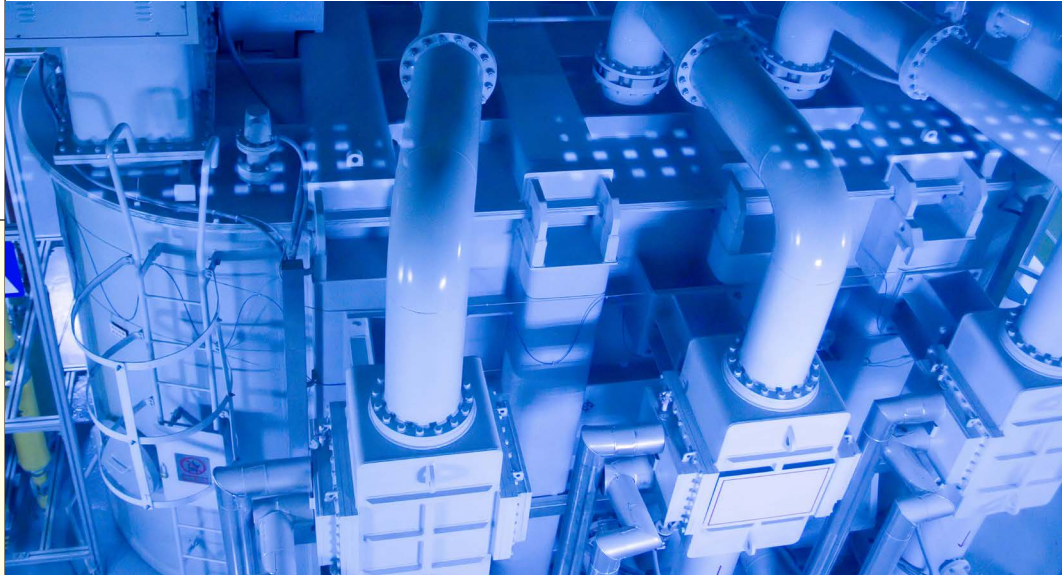


# F&G Mechanical Corp.

**A Leading Full-Service Mechanical Contractor**  
—completing some of today's most complex,  
high-profile projects.

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



 **F&G Mechanical**  
An EMCOR Company



# 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. Whether installing plumbing and fire protection systems for multi-use developments like Hudson Lights at the crossroads of New Jersey and New York at the George Washington Bridge, or repairing damage to the Statue of Liberty National Monument on Ellis Island in New York, the F&G Mechanical team is completely dedicated to meeting its customers' needs.

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.

- » Biotech/Healthcare
- » Commercial
- » Education
- » Entertainment/Hospitality
- » Manufacturing/Industrial
- » Public/Government
- » Residential
- » Technology



## NOTABLE PROJECTS

### Statue of Liberty National Monument, Ellis Island

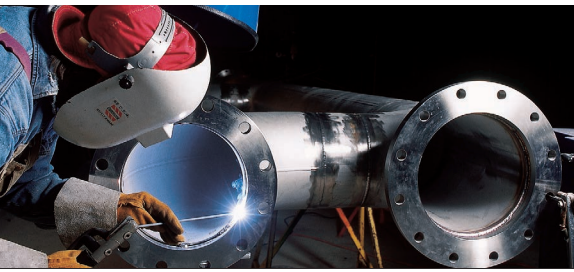
Removal and installation of:

- » 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





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

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



### 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.

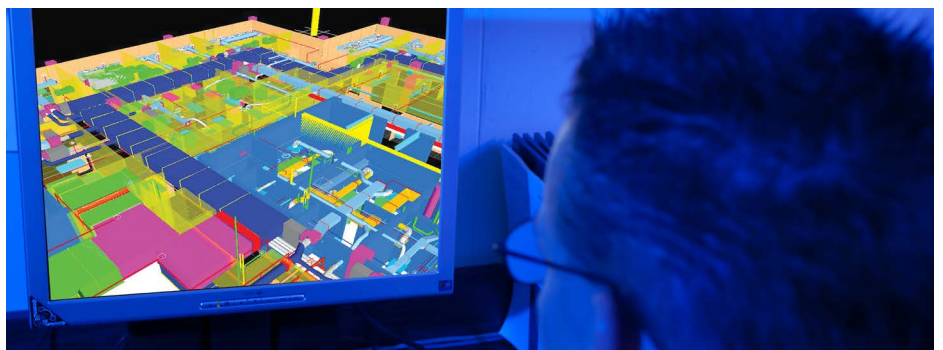
### UA Yellow Label

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







## 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, start up, 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
- » Preventative 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 ever-changing 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 preventative 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

## MEADOWLANDS FIRE PROTECTION

Meadowlands Fire Protection is F&G Mechanical's full-service fire protection division, capable of the design, fabrication, and installation of wet, dry, early suppression/fast response (ESFR), and pre-action systems, as well as clean agent and Vesda air-sampling systems.

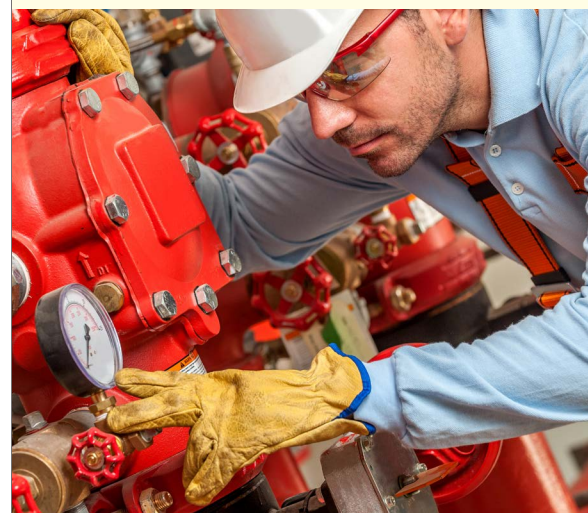
### Fire Safety Systems and Services:

- » Wet and dry sprinklers
- » Pre-action and deluge systems
- » Wet and dry chemical systems
- » Standpipe and fire hoses systems
- » Backflow preventers
- » Foam systems
- » Fire pumps
- » Water storage tanks

### 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

Meadowlands is recognized as a leading fire protection company in the northern New Jersey metro market.



## Contact Us

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## Harnessing the Power of a Fortune 500® Leader

EMCOR Group, Inc. (NYSE: EME) is a Fortune 500® leader in mechanical and electrical construction, industrial and energy infrastructure, and building services for a diverse range of businesses.

For seven consecutive years, EMCOR has been named one of the *Top 5 Most Admired Companies in the Engineering and Construction Industry* by Fortune® magazine.

EMCOR builds, powers, services, and protects the sophisticated and dynamic systems that create facility environments in virtually every sector of the economy for many of the world's most successful organizations. By planning, installing, operating, and maintaining a wide range of facilities and systems, 29,000+ employees at 170+ locations help clients increase productivity and optimize their businesses.

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

## Safety Is Job #1.

### Safety that Beats the National Average

EMCOR's safety performance is far better than the Bureau of Labor Statistics industry averages, with a rate of injury that is consistently 60%–75% lower than our competitors.

(Source: Bureau of Labor Statistics Industry Average for Specialty Contractors NAICS 238, 2004-2012)

## Serving the Communities Where We Live, Work, and Play.

### Taking KidSafety to the Streets™

As part of EMCOR's Taking KidSafety to the Streets Program, Shambaugh & Son is proud to serve the community through its work with the National Center for Missing & Exploited Children.® By prominently displaying posters of missing children on our company and personal vehicles, and by responding quickly when a child is reported missing within facilities where we work, we help recover missing children and promote child safety.

