

# Intermech, Inc.

## A Provider of Advanced Design, Fabrication, & Construction Solutions for Process & Mechanical Projects

**Intermech** offers single-source pre-construction, project management, mechanical, and general contracting services for a range of process-critical, fast-track, heavy industrial, and specialized government projects.



 **Intermech**  
An EMCOR Company



## Intermech, Inc.—Since 1980

A leader in specialized mechanical contracting and industrial general contracting, Intermech provides plant maintenance, vessel repair, HVAC service, boiler installation and repairs, skid and pipe fabrication, process piping systems, and equipment installations for clients requiring the highest levels of quality, safety, and project management expertise. Combining a commitment to quality with a long history of proficiency, Intermech's teams perform projects for clients that span a vast range of facilities and address a wide scope of requirements.

With flexibility and efficiency at the forefront, Intermech is able to perform as the prime contractor or the specialty subcontractor on a project, depending on client requirements. From highly sophisticated industrial facility HVAC construction services, to specialized design-assist and mechanical installations for clients such as the U.S. Department of Defense and Department of Energy, Intermech offers a robust list of safety and quality focused services.

### VPP Star-Powered Safety. On a Nuclear Level.

Intermech first earned VPP Star status in 2007 at the Hanford Waste Treatment Plant, where Intermech designed, fabricated and installed ASME NQA-1 duct work. Intermech also received the Department of Energy's "Legacy of Stars" award for its work at the Hanford Waste Treatment Plant, marking Intermech's 9th year with no recordable incidents at the site.

### Quality Services. Quality Assurance.

Intermech's robust Quality Assurance Program is centered around a fully implemented ASME NQA-1 program that was established in the early 1980s to serve the construction of commercial nuclear power plants. Our Quality Assurance staff includes personnel qualified to perform non-destructive examinations per ASNT SNT-TC-1A, as well as Certified Weld Inspectors (CWI) inspections, including visual testing, leak testing, penetrant testing, and ultra-sonic testing. The Program also incorporates procedures to qualify personnel to American Society of Mechanical Engineers (ASME) standards and American Welding Society (AWS) welding



codes. The program is regularly audited by both commercial nuclear customers and operators of government nuclear and chemical weapons decommissioning sites, some of which belong to Nuclear Procurement Issues Committee (NUPIC).

The Intermech Quality Assurance Program encompasses the following codes/standards/guides:

- » ASME NQA-1-2008/09a
- » NQA-1-2008/09a and all preceding editions
- » ANSI N45.2 and multiple daughter documents
- » 10 CFR 50 appendix B
- » 10 CFR 830
- » 10 CFR Part 21
- » DOE O 414.1D and all preceding editions
- » DOE G 414.1-3
- » NRC Regulatory Guide 1.28 Rev 4



# Local Presence. National Reach.

## A Full Suite of Comprehensive Mechanical Services.

### Project Management

Intermech's ability to stay on budget and on schedule is the result of a project-proven construction management system that is customized for the requirements of each specific project. Depending on implementation factors, these customized work structures contain scope, drawings, construction safety plans, and other information. Using this system, Intermech's project managers, each with extensive experience, communicate effectively with the project team and successfully performs a range of other key tasks.

### Pre-construction

Pre-construction, construction engineering, and design-assist services are backed by Intermech's extensive mechanical, HVAC, and fabrication expertise. By skillfully applying design-assist services, Intermech's team of pre-construction experts reviews project designs, anticipates problems, and provides innovative solutions that help clients avoid costly project delays and help ensure constructability.

### Construction

Intermech's construction solutions include new construction, renovations, and retrofits. Combining a commitment to quality with Intermech's vast construction experience, expert teams have the ability to install a range of systems, including process piping, utility piping, and high-purity piping for facilities in order to support long-term performance and an improved return on clients' investment.

### Plant Outages

From planning and scheduling, to full re-starts, Intermech's complete outage services and nuclear quality control help clients meet even the most demanding operational requirements. Power plant services experts work with clients to complete extensive lists of work repair

items—reconfiguring mechanical, plumbing, and other systems, and/or replacing worn or outdated equipment.

Importantly, Intermech's nuclear outage services and nuclear compliance can help clients minimize downtime and maximize both performance and value.

### Fabrication

Intermech fabricates HVAC sheet metal, structural and piping components, as well as integrated mechanical equipment skids for clients who need first-class fabrication services. Intermech is able to comply with the most stringent welding and testing standards in the market, while also conforming to the project specific quality and tolerance requirements of the chemical, nuclear, and other industries. By pre-assembling components in one of Intermech's various fabrications shops, clients benefit from increased productivity, reduced jobsite clutter, and improve safety.

### Specialty Welding

Intermech's industrial welding expertise is the result of working with some of the industry's most demanding clients, such as the U.S. Department of Energy and the U.S. Department of Defense. Intermech has extensive commercial nuclear and heavy-industrial experience and is proficient in both arc and orbital welding. Additionally, Intermech's highly skilled craftworkers can perform a wide range of arc welding procedures, including shielded metal, gas metal, gas tungsten, and flux core, as well as plastic fusion, overlay, brazing, and soldering processes—in full compliance with applicable national codes and standards.

Certifications include:

- » ASME Code Stamp Certificates "U" & "PP"
- » National Board Inspection Code "R" Stamp



## Construction Services

### Mechanical Construction Services

- » Process piping and utility piping
- » Hygienic and high-purity piping
- » Process equipment setting
- » HVAC construction and service
- » Plumbing
- » Sheet metal ductwork
- » Equipment procurement and installation

### Structural and Miscellaneous Construction Services

- » Carpentry
- » Concrete
- » Structural steel
- » General contracting services

### Fabrication Services

- » Carbon steel piping
- » Stainless steel piping
- » Specialty piping
- » Alloy
- » Hygienic and high-purity piping
- » Integrated mechanical equipment skids
- » Specialty process fabrication
- » Stainless and galvanized ductwork
- » Skid fabrication





## Markets Served

### » Industrial

- Alternative fuels
- Food and beverage
- Pulp and paper
- Chemical
- Electronics/semiconductor

### » Government

- U.S. Department of Energy
- U.S. Department of Defense

### » Nuclear Facilities

- Enrichment
- Power
- Waste re-processing

### » Power Plants

- Nuclear
- Natural gas fired
- Hydro

## How Can We Help You?

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

## 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.

## Safety that Beats the National Average

EMCOR's safety performance consistently remains strong year after year with a current rate that surpasses competitors 60-75% and ranks 66% lower than the Bureau of Labor Statistics industry average.

(Source: Bureau of Labor Statistics Industry Average for Specialty Contractors NAICS 238, 2012-2017)

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