

Creative engineering for challenging applications



The design-build mechanical engineering and contracting firm
for intelligent plant engineering and facility management



Raise your expectations.



Creativity. Craftsmanship. Accountability.

Innovative Mechanical Engineering and Contracting

IMEC has raised the bar for the conception, fabrication, and installation of plant mechanical systems. We accept the difficult projects, sometimes deemed impossible, that most engineering and design-build companies don't have answers for.

Our promise goes beyond the goal of just getting your system to work. Our mission is to create the finest, most inventive system imaginable, with a start-to-finish process that is smoother than any you've experienced. The result is an entirely distinct, reliable, efficient, and successful solution for your specific needs.

The difference we make is crucial in three areas: engineering innovation, mechanical craftsmanship, and diligent implementation.



Smart plant engineers and facility managers are most likely to recognize the extraordinary value we offer. As a result, our customer list is a who's who of the most renowned manufacturing, technology, biotech, and food corporations in the northeast.



Raise your expectations.



Value Engineering & Design



Solutions of Brilliant Simplicity

As one of our customers has kindly commented, IMEC strives for “brilliant simplicity.” We take a holistic, comprehensive approach to engineering and design, balancing two crucial goals:

- 1) to be supremely energy-efficient, and
- 2) to enhance your manufacturing process.

Nothing we engineer is cookie cutter. We have a proven record of having a beneficial affect on production processes and saving customers millions. In fact, some customers continue to save more than a million dollars *annually*.

You also benefit from the close relationship we enjoy with utility companies. The utilities respect our expertise, and by managing the utility company incentive process, we help secure substantial rebates which dramatically reduce project costs for customers.

Benefits of IMEC's value engineering and design process:

- Engineering focus is on the most effective execution for the lowest cost.
- Initial evaluations are comprehensive and exacting.
- Our design experts think outside the box; they're driven to innovate.
- Savvy programming and robust PLC controls are fundamental to every project.
- We strive for reliability and long-term cost effectiveness.
- We help customers make informed decisions about energy conservation options.

Raise your expectations.



Contracting through Commissioning

Expert Craftsmen Bring Your Design to Life.

Our view is that the process from contracting through commissioning should flow seamlessly from the engineering and design phase. We build what we design. It's inconceivable for us to turn over one of our designs to a contractor who merely builds to spec. This is a powerful and unique advantage of working with IMEC. Every person on our team is trained to be an innovator and problem solver.

Powerful benefits of our mechanical contracting through commissioning services:

- Our people are second to none, producing innovation and quality unlike anything you've seen before.
- Our teams of experts from multiple disciplines work together in harmony, integrating with your team to smoothly accomplish project goals.
- IMEC project managers are technical experts who live and breathe your project, driving its flow and continually monitoring success.
- Your production downtime is minimized. We manage your project as if we are on your staff.
- Our skilled technicians fully understand the system and ensure the success of commissioning and final testing.



Learn more today. Call 800-888-6554.

Raise your expectations.

ENGINEERING SERVICES

- Single Accountability Engineering, Design, Contracting, and Implementation
- Plant Utility Upgrade Strategies
- Challenging HVAC Retrofits and Comfort Upgrades
- Comprehensive Commissioning and Integration
- Equipment Useful-Life Consultations
- Utility Rebate Engineering
- Energy Efficiency Retrofits
- Air Quality Assessments
- Water Conservation

DESIGN-BUILD PLANT UTILITY SYSTEMS

- Process Cooling and Chiller Plants
- Compressed Air Systems
- Boilers
- Vacuum Systems
- Open and Closed Cooling Towers
- Custom Fabricated Pumping Stations
- Heat Exchanger Systems and Industrial Radiators
- Free Cooling Systems
- Heat Recovery Systems
- Temperature and Ventilation Control
- Humidity Control
- Geothermal and Solar
- Nitrogen Generation
- Liquified Natural Gas
- Propane

INSTALLATION SERVICES

- Full Mechanical, Piping, and Insulation
- CDA and Specialty Gas Piping
- Natural Gas, Propane, and Oil Piping
- Construction and Fit-Up
- Ventilation, HVAC, and Duct Systems
- Rigging
- Masonry
- Fire Protection

SPECIAL SERVICES

- Factory Automation, DDC, EMS, BMS and Integration
- Comprehensive Facility Evaluations
- Full Mechanical Rental Capability
- Cogeneration Plants
- Clean Rooms

UNIQUE BENEFITS

- Delivering best value solutions focused on lowest energy costs
- Proven ability to maximize energy paybacks and utility rebates
- Space saving prefabricated package systems that lower installation costs
- Engineers unrivaled in solving complex challenges
- Exceptional craftsmanship and attention to detail

11 Willow Road Ayer, MA 01432
Phone 800-888-6554 Fax 978-772-5757
www.imec-us.com



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