



maxi·
therm™
beyond steam™

Steam Training

What to Expect:

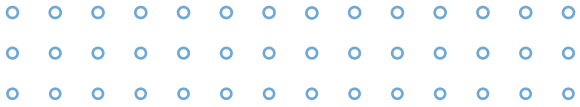
Want to learn about steam and how efficient it can be? Interested in steam applications and want to learn how to reduce installation costs and maintenance costs? What about increasing your available footprint in the mechanical room? Want to learn how to generate energy savings? Your 1 ½ day training in Montreal, Canada will be a comprehensive and technical experience that will take place in the Maxi-Therm R&D lab. It will include educational presentations, hands-on demonstrations, group discussions and we promise to immerse you in Quebec culture by sharing exceptional culinary experiences.

Who is our Steam Training for:

- Mechanical Engineers
- Plumbing Engineers
- Facilities Engineers
- Service Technicians
- Consultants
- Mechanical and Maintenance Personnel
- Contractors
- Project Managers
- ESCO

Eligible for 16 PDH credits for Engineers Professional Development





About Us

Maxi-Therm was founded in 2005 and is today a joint Canadian and American owned company with 28 exclusives distributors across North America.

Most major components, including vertical heat exchangers, control valves, pumps and accessories, are manufactured in the United States.

We proudly manufacture high-efficiency steam-to-liquid vertical flooded units for building heat and domestic use, we transfer both steam's latent and sensible heat in a 0% flash return system in a closed loop innovative design, even at high pressure steam such as 200 psig and taking into account super-heated steam.

Our company holds 5 patents, a Brainstorming and Innovation team, a group of engineers, in-house 3D draftsmen, programmers, electrotechnicians, and a passion for steam!



Expenses Covered by Maxi-Therm:

- 2-way flight to Montreal
- 2-night hotel stay
- All meals from Wednesday supper - Friday lunch
- All ground transportation between Wednesday supper - Friday lunch

"I enjoyed the laid-back approach to the presentations, I found them very informative! I also enjoyed how it felt like it was an open floor discussion, to where we could chime in and ask questions wherever we felt the need to."

from BUILDING CONTRACTOR, IL

What's on the agenda?

Steam basics and state of the art conventional steam design with lab demonstration

- State of the art design on multiple applications
- Choosing the correct pipe sizing- Steam vs Condensate
- HVAC systems using steam coils humidifiers
- Steam design best practices

Vertical flooded design approach and applications

- Building heat and reheat applications; operation and design
- 100% steam & condensate closed loop system

Clean steam generator and steam quality control for sterilization and humidification process

- Quality steam vs clean steam
- Steam Sterilizer troubleshooting

Steam engineering, unique projects, and designs

Optimizing temperature control & Maxi-Therm Lab demonstration of the vertical flooded design (visible through our glass piping)

- Start-up sequence and troubleshooting

Domestic hot water applications

- Steam water heater operation and design

Condensate mixer, Sidearm & ZeroLag™ series

Control Panels, BMS integration and secured VPN (virtual private network) capabilities

Hydronic hot water vs Steam primary loop- Pros and Cons

How to get your steam boiler efficient at 95%!!

- Steam generation best practice
- Condensing boiler vs steam heat exchanger

In conclusion, we will review Maxi-Therm's™ unique projects, provide customer testimonials, and provide you with our brochures and literature.

“The training was outstanding! I really liked that they started from basics and then got more in depth. The lab really helps you understand the material being presented. Definitely the best training I've been to.”

from ENGINEER WORKING IN ENERGY CONSULTING, IL

Here's What you Can Expect to See in our World Class R&D Lab:

- A 30 hp high-pressure steam boiler
- Gauge glass with visible condensate levels
- Glass steam traps and condensate piping
- Various control panels while in operation
- Condensate pumping station
- A flash tank and vent condenser
- Domestic hot water and Building heat system
- HVAC Steam system
- Completely operational ZeroLag™ system



[CLICK HERE TO WITNESS THE EXPERIENCE.](#)

"Meeting all the staff. They were very knowledgeable and I feel confident that they will support us when we need them."

from CONSULTANT ENGINEER, NY

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