

Thermal Tech, Inc. is a boiler and steam system sales, parts and service company located in Central Florida since 1984. We specialize in steam generation and distribution components and handle any components for entire steam system.

In addition, Thermal Tech, Inc. provides Preventative Maintenance Contracts. These innovative programs provide worry-free, regularly scheduled service and inspections, all for one low annual fee.

They are designed to keep your boiler room operating at peak efficiency, eliminating avoidable emergencies that can lead to costly downtime, and increase your boiler's life.

Our programs are custom designed for your equipment and include:

- Manufacturer Recommended Equipment Inspection.
- Burner Tune Up—clean & inspect burner internals, set electrode gap, check diffuser setting, check linkage movement.
- System Survey—analyze system for proper application and/or operation of components.
- Combustion Analysis and Tune-up—check and adjust fuel/air ratio for optimum efficiency.
- Written Report of status and suggestions for improvements.

The Preventive Maintenance Contracts typically consist of one annual service and one to three inspections during the year to ensure optimum equipment safety, reliability, and efficiency.

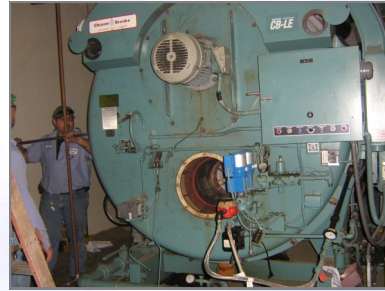
- Our Annual Major Inspection includes complete annual boiler inspection and cleaning to ensure heat transfer surfaces are optimized for Maximum Efficiency.
- The Quarterly Minor Inspection includes complete periodic preventive maintenance services and fine tuning to factory specifications for absolute Maximum Combustion Efficiency.



▪ As a Preferred Contract Customer, you will receive a 10% discount on all parts not covered by the contract and a 10% discount on all emergency services outside the contract.

### Annual Major Inspection

- Open firesides and watersides of boiler. Clean firesides of soot deposits, wash out watersides and inspect for scale and/or oxygen attack on boiler tubes.



- Check all fireside refractory: rear doors, furnace, front doors. Repair cracks, patch and wash coat all refractory as necessary.
- Close and reseal both firesides and watersides of unit with new gaskets.
- Clean and inspect burner drawer and air damper assembly. Clean and set gas pilot electrode.
- Bubble test gas train to ensure 100% close-off of automatic gas valves.
- Fire boiler, analyze flue gas, and adjust air/fuel ratio for optimum efficiency.
- Evaporation test to check low water controls.
- Check operation of all operating and safety controls.

### Quarterly Minor Inspection

- Inspect complete burner assembly, clean (if necessary) and set gas pilot electrode.
- Analyze flue gas and adjust air/fuel ratio for optimum efficiency.
- Check operation of all operating and safety controls.

SYSTEMS

SERVICE

PARTS

MAINTENANCE

SKIDS

SYSTEMS

### Additional Contract Features and Benefits:

- Customized Program: Our programs can be customized to provide our customers optimum and economical support in maintaining equipment operating requirements.

SERVICE

- Field Service Personnel: Our local team of factory trained professionals will provide you with the highest quality service and recommendations necessary to achieve optimum efficiency and dependability.

- Emergency Service (24 Hours): As a Preventive Maintenance Contract customer you will be given the highest priority in the event emergency service calls or repairs are required.

PARTS

- Factory Equipment/Parts: Thermal Tech, Inc. uses Genuine Factory replacement parts to ensure optimum Reliability and Efficiency.

MAINTENANCE

- Economical Approach: Our contract customers receive an economic incentive for all covered equipment to participate in a Preventive Maintenance Program of discounted services.

- Documentation: Report forms are completed by our field service personnel upon completion of the inspections and submitted to you for your review and permanent records.

SKIDS

- Inventory: Our parts inventory and alliances with our manufacturers ensures fast and reliable service anytime day or night.

- Service Department: Our highly automated and computerized Service Departments will notify you in advance of the anticipated schedule date and confirm you are ready for service. We track all equipment in our system to ensure we have the proper parts to better serve you and minimize down time.



### Other Services

#### ◆ Pressure Vessel

- ASME 'R' Stamp Code Repairs
- Tube Rolling and Replacement
- Certified Welding
- Non-Destructive Testing

#### ◆ Refractory

- Repair and Replacement
- New Cost Savings Materials

#### ◆ Burners

- Conversion and Replacement
- High Turndown Burners
- Low NOx Emission Burners

#### ◆ Combustion Analysis

- O<sub>2</sub>, CO<sub>2</sub>, NO<sub>x</sub> and CO
- Efficiency Testing and Adjustments

#### ◆ Controls

- Combustion Control Upgrades
- Flame Safety Control Testing and Replacement
- Calibration and Replacement
- ASME CSD-1 Testing

#### ◆ System Maintenance

- Component Repair or Replacement
- Piping Installation or Repair
- Control Troubleshooting



### 24-Hour Emergency Service

Serving all of Central Florida through two (2) locations:

#### CORPORATE

5141 Forsyth Commerce Road  
Unit #1  
Orlando, FL 32807

Ph: 407-373-0042  
Fx: 407-373-0043

#### TAMPA

10324 Fisher Avenue  
Tampa, FL 33619

Ph: 813-623-3762  
Fx: 813-628-0641

