

# Furnace Improvements

1600 S Hwy 6., Suite 480, Sugar Land TX 77478

Tel: (281) 980-0325 Fax: (832) 886-1665

Email: [agarg@heatflux.com](mailto:agarg@heatflux.com)



## Troubleshooting Services

The heaters are often identified as high temperature critical equipment, needing continuous attention. Most of the time, the heaters are not operating at their original design conditions. Sometimes you will encounter problems like high tube skin temperatures, high excess air operation, or positive pressure in your fired heaters. If you do not have time or need help of professional troubleshooter, let us know. We can concentrate on your problems and identify the root cause using our hands on practical experience.

Field survey is the first step towards troubleshooting and revamping of fired heaters. Furnace Improvements conducts a heater survey using portable instruments and analyzers. Included in the survey are checking of the draft, temperature, flue gas composition, air and flue gas velocities, as well as a visual inspection. . Our findings are summarized along with our recommendations to you. While your furnaces are shut down, we can also carry out safety inspections.

### Key Benefits

- Identify problems
- Provide low cost solution
- Objective analysis

### Capabilities

- Field Survey
- Computer Modeling

### Reference Accounts

We have carried out a number of troubleshooting and capacity improvement studies for our client. We are giving below a few references. For complete list, please check our reference list.

- Citgo Refining, Corpus Christi, Study of Crude and Vacuum heaters for capacity improvement.
- Chevron, Pascagoula, Study of Vacuum Heater
- Lyondell Citgo Refinery, Houston, Study of Crude and Vacuum Heaters for Capacity Improvement

