

Personalized Service

Competitive Pricing

Safety First

Fast and Accurate

Professional

Locally Owned



Mobile Heat Treating Services

Specializing in High-Velocity Gas Combustion



**GULF COAST
COMBUSTION**
SERVICES, LLC

Getting the Job Done Fast with 24/7 Availability, While Controlling Client Cost and Ensuring Accuracy

What We Can Do for You:

Gulf Coast Combustion Services, LLC, uses high velocity gas combustion to thermally cure residual stress from industrial equipment that is obtained during the fabrication process. By using these thermal solutions, ductility and tin-

sel strength will be improved and provide a more reliable and valued end product.

High-velocity gas combustion can be used to efficiently solve many heat treating needs. Not only do we specialize in high-velocity

gas combustion, but we also offer a variety of other heat treatment solutions to complete your job.

All of our jobs are completed on location when and where you need it. Our mobile service is the most effective way to control client cost.

Why Choose Us for Your Job?

What sets Gulf Coast Combustion apart from the rest is our expertise and knowledge of the combustion process, together with professional, personalized service and highly competitive pricing.

With a focus on safety, speed

and accuracy, your complete satisfaction is our top priority from the planning stages to completion.

We are a small company who values our clients' bottom line and need for providing high quality, expert heat treatment services. We

will work closely with you to provide the most cost-effective way to get the job done right.

Contact us at 713-425-3773 to discuss the solutions that will work best for your job.



Heat Treatment Brought to Your Front Door. A Few Specific Forms of Heat Treatment Offered:

- **Local Post-weld Heat Treatment:** using 80 amp ceramic heating elements are a great source of reaching temperatures up to 2400 degrees F° in localized areas.
- **Furnace Post-weld Heat Treatment:** high velocity gas combustion trains are used on large vessels and towers for new fabrication and even expansion of large pressure vessels and towers.
- **Forced Dry-out Cures:** high velocity gas combustion uses a dry fuel and high velocity air to simultaneously force water vapor evaporation and scrub the surface of refractory to improve ductility and have a usable product in hours instead of weeks.
- **Line Thaws and Valve Opening Assistance**

High-Velocity Gas Combustion Heat Treating

This form of heat treatment is a mixture of forced air flow with the ignition of a dry gas (ie: LPG or Natural Gas). This process is an optimal solution for post weld heat treatment on large-scale pressure vessels and towers. Since the fuel that is used

burns in a dry state, high-velocity combustion is a premium source for paint and refractory cure. In many cases, less equipment and man power is involved in these processes, and can serve as a great way to cut down on cost and time.



Solutions For All of Your Heat Treating Needs

We understand that all of your heat treating needs cannot be met using high-velocity combustion. We stand ready to meet those needs utilizing all other

specialized formulas your heat treating task requires. Our team of technicians are experts in:

- Coating Cures
- Decontamination of Large Storage Vessels
- Expansions
- Furnace Operations
- Hydrogen Bake-outs
- Line Thawing
- Low-voltage Electrical Resistance
- Post-Weld Heat Treatments
- Refractory dry-outs
- Space Heating
- Welding Pre-heats



Call or Email us Today for a Quote or Solution to Your Heat Treating Needs

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