



We get it **right** the  
**first time.**

**allife**



# heat treating

Since Alfe Heat Treating's inception in 1979, we've enjoyed continuous growth and success. While we're thankful for our good fortune, it wasn't an accident. We work hard to distinguish ourselves from other heat treaters and in-house operations by focusing on what we feel are the three main components of success:

- Customer satisfaction
- Quality
- Responsiveness

Everything we do is designed to ensure complete customer satisfaction by providing the highest quality product backed by responsive service and fast turnaround.

We meet these goals by using the most qualified people, the latest equipment and an uncompromising quality control process. After all, we view heat treating as a science - a process that can be carefully studied, refined, and most important, repeated. So when you employ Alfe for your ferrous and non-ferrous heat treating, you know that you're dealing with a professional organization. One that will get the job done right the first time.

Today Alfe is one of the largest and fastest growing heat treaters in the country. And we're the nation's largest independent aluminum heat treater. We have strategically placed facilities in Indiana, Ohio, Michigan and North Carolina with the capabilities to handle both ferrous and non-ferrous heat treating. We offer a variety of services and processes and are constantly working to update our facilities and capabilities in order to keep up with customer needs. So whatever you need, you can rest assured Alfe can handle it.



## Your success is our #1 priority.

Alfe's service doesn't end when your parts are finished.  
We take extra steps to make sure that we're doing everything possible to meet your needs.

### Outstanding service begins with the right people.

Our goal of complete customer satisfaction starts with our people. We hire the best and brightest employees from various fields. Then we add training of our own. Not only in their areas of expertise, but also in customer service, responsiveness, safety, quality assurance programs and more. We also work to instill a high degree of pride in our company and what we do. So all of our employees from the bottom to the top are dedicated to making Alfe the best it can be.

The next step in achieving our goal is involvement with our customers. When you sign on with Alfe, we begin by working extensively with you and your process engineers. We study your parts and your processes so we can identify potential problems before they arise. In addition,

you have access to our quality assurance professionals, engineers and metallurgists. Only after we've completed a detailed analysis of your specific needs do we create a customized process that will give you the best possible results. So when production of your parts begins, you're assured that they'll be exactly to your specifications.

Our dedication to superior customer service doesn't end with heat treating. Whether you have a billing question, need to check on a shipment or are looking for some technical advice, our staff is here to help with quick answers and sound solutions. And we always stay in touch to make sure that you're satisfied and to discover if we can improve our service to you.



For parts large and small we provide consistent, reproducible results.

### Quality you can see.

The word quality gets tossed around a lot. After all, it's easy to say you do quality work. Well, at Alfe we have proof. First in the measurable outcomes of our heat treating and second in the many quality control methods we employ.

The proof of our quality craftsmanship is in every piece we heat treat. Our clients rely on us to meet their tight requirements time and time again. And they need to know we can turn their parts around quickly without sacrificing quality. We look forward to the challenge because we know we can do it right. The first time and every time. It's what keeps our customer retention rate at nearly 100%.

Our quality controls are just as evident. We meet quality specifications for some of the top automotive, aerospace and manufacturing companies in the world. Alfe heat treats product directly for and as a tier supplier to the big three auto makers, as well as for a number of foreign car manufacturers. In addition to our ISO/TS 16949 Quality Standard Certification, Alfe has established our own internal Total Quality Management System based on the ISO/TS 16949 Standard. This system encourages and promotes the never-ending pursuit of quality and productivity improvements. It is implemented and maintained at all levels from our president to our sales reps to heat treaters and engineers. Quality is everyone's job at Alfe.



Continuous Solution Furnace

When it comes to equipment, we're unbeatable. We have the capabilities to handle virtually any type of heat treating regardless of size, composition, requirements or quantity.



Vacuum Furnace

### Equipment and technology.

One-of-a-kind or high-volume manufactured parts. Aluminum or ferrous. Small or large parts. At Alfe, we can handle just about anything. And to make sure we stay on top, we constantly add to our capabilities with the latest technology. So your projects are always completed on the most modern equipment with automated process controls, guaranteeing constant, reproducible results.

When it comes to equipment we're unbeatable. We have drop bottom and continuous furnaces for processing of aluminum components. Ferrous furnaces include IQ, integral quench, continuous atmosphere annealing, tempering and state-of-the-art vacuum furnaces. Our quenching equipment is just as diverse, and we use the latest technology in our secondary services including shot blasting, gauging, brinelling, tensile testing and borescoping. If there's a process you need, you can bet Alfe's got it covered.

Unparalleled customer service, outstanding craftsmanship and strident quality control methods help keep Alfe's customer retention rate at nearly 100%.





Alfe meets or exceeds customer expectations for the world's top automotive, aerospace and manufacturing companies.

## Stay in control.

We understand that heat treating is an integral part of your production process. So we make sure you're always in control. It starts in the early stages of product planning when we provide you with the necessary Process Control Plan (PCP), Key Process Characteristics (KPC) and Failure, Mode and Effects Analysis (FMEA).

You stay in control when we receive your parts through incoming and outgoing quality control inspections. You routinely receive documentation such as ongoing hardness and heat treating certifications, along with a wide array of statistical measures. We even keep you in control of shipping by establishing a routine delivery schedule and meeting your special packing and handling requirements. And with

ISO/TS 16949 certifications for all of our divisions, optional 100% inspection of your parts and the best warranty in the industry, you'll always know what to expect.

Our job is to make your job easier. That's why we developed a unique preloading process to help integrate our services into your production process. We design racks or baskets specifically for your parts that provide the best possible batch size and efficiency. Your workers load product directly into these processing baskets which are then shipped to us, heat treated and returned to you.

## Alfe extras.

Alfe takes the extra steps necessary to win and keep your business. We maintain our

own fleet of trucks so we can provide trucking at cost. We can do just-in-time delivery and 100% parts inspection. In short, we'll do whatever it takes to make sure you're completely satisfied.

## Experience the Alfe difference.

Complete customer satisfaction. It's the driving force behind Alfe Heat Treating. It's behind all the extras that differentiate Alfe from other heat treaters. From initial contact to final delivery, the Alfe difference is clear. If you're ready to work with a heat treater that's just as professional as you are, it's time for you to talk to Alfe.

# Build your success on our expertise.



Quench Tank



Drop Bottom Furnace

## Alfe Quality Values

- Participation and Involvement
- Continuous Improvement
- Quality of Worklife
- Customer Satisfaction
- Product/Process Quality
- Ethics
- Technology and Information



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Nadcap™

Indiana

Ohio

Michigan

North Carolina