



Induction Heat Treating Corp.

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Celebrating 63 years in business, Induction Heat Treating Corp. (IHT) has deep roots in America's metal treating history. Founded by Omer Haimbaugh in 1946, the induction hardening specialists remain family owned and operated in Crystal Lake, Illinois.

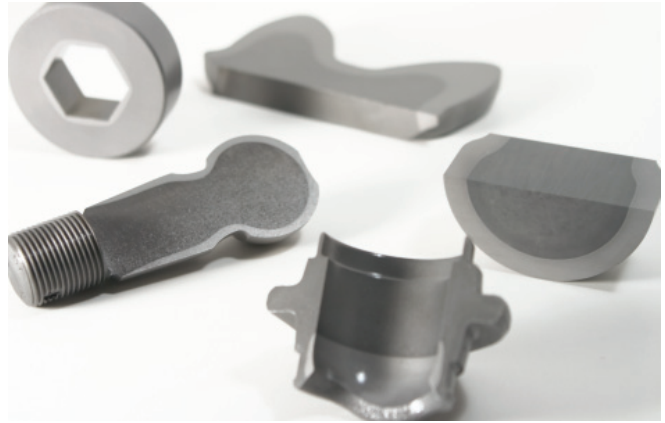
IHT employs 57 people across three shifts in their clean and modern 35,000 square foot building. Visitors to the company's shop floor often compliment their housekeeping as one of the best anywhere. Facilities include 21 induction power supplies, many with dual stations operating in frequencies from 1 - 450 KHz and power of 15 - 400 KW. Redundant equipment capability helps minimize scheduling log jams.

The managing philosophy at IHT is one of respect for everyone. Developing talented and committed people is accomplished through the open exchange of ideas and experiences. Effective communication is the key to a smooth overlap of shifts and recruiting resources from different functional areas. Objective measures keep IHT on track to meet its goals in service and quality.

Although most business is regional IHT's quality is nationally recognized. Much of its business is initiated by referrals from satisfied customers and OEMs. IHT can boast decades of reliable service to a long list of customers, which include some of the biggest names in automotive, agriculture, construction and power transmission.

In maintaining ISO 9001:2000 registration and a zero defect quality policy, continuous improvement in delivery is sought through analysis of capacity, scheduling, staffing across three shifts, and scrutiny over every downtime event. IHT's expertise in tooling design and in-house manufacturing also aids in their ability to respond quickly to new orders as well as keeping jobs running when things don't go as planned.

Utilizing a vast computer database, IHT has developed their own Operations and Quality Management System. Their plant-wide network gives everyone immediate



access to real-time order tracking. Extensive setup and part processing history includes detailed results for case depths, hardness, and production performance.

IHT has been experiencing substantial growth in both sales and overall customer base. To keep up with customers' expectations for quality and delivery, equipment and production methods are continuously evaluated and upgraded. With an average tenure of almost 9 years per employee, there is a strong core of people with the ability to make fast work of challenges related to growth and running a heat treat job shop.

The implementation of technically sophisticated equipment requires the presence of a highly trained maintenance department. IHT deploys a rigorous preventive maintenance program that encompasses every piece of machinery from bearings to controls. Spare parts are cataloged and stored for quick retrieval. Maintenance is always looking for an appropriate upgrade that could result in longer equipment life.

IHT boasts a tooling department that takes pride in coil design and fixture building. They willingly embrace change, committing themselves to advancing state of the art by asking "can we do it better?" More than 700 inductors are maintained and stored for immediate use. Tooling competency is a vital component that can either make or break a job's profitability.

Sixty-plus years in the steel hardening industry provides enough useful and unique information to fill a book. In 2001 long time owner and resident metallurgist, R.E. Haimbaugh, published through the ASM the most informative book on the subject aptly titled "Practical Induction Heat Treating". Written in non-technical terms it is an excellent reference for anyone from apprentice to expert.

Since being named "1995 Commercial Heat Treater of the Year" by Industrial Heating Magazine, IHT has enjoyed more than fifty percent growth and looks forward to continued success with improved service to its biggest asset, the customer.

