



Consistent, high quality heat treating services.

Certified Heat Treating has been providing excellence in thermal processing to a variety of industries since 1988. With an expertise in ferrous alloys, our team of qualified heat treaters and engineers follows a rigorous quality process that includes statistical process control, continuous process monitoring, and a comprehensive final audit. This experience, and our dedication to continuous training, provides a foundation for excellence that translates into a consistently high quality product.

- Gas Carburizing
- Carbonitriding
- Ferritic Nitrocarburizing
- Hardening & Tempering
- Normalizing, Stress Relieving & Annealing

Heat Treated Steels

- Plain carbon steel
- Low alloy steel
- Tool steel
- Stainless steel
- Gray & nodular iron

Equipment includes:

- (7) Allcase® IQ furnaces with endothermic atmospheres - 30" x 30" x 48"
- (9) Low temperature draw furnaces
- (1) 11.6' x 6' x 6' car bottom furnace

Induction Hardening Equipment

- (1) 150 KW low/medium frequency
- (1) 300 KW low frequency
- Bar lengths: 36" with OD 6"

High Velocity Water Quenching

Designed to achieve maximum hardness for steel of low hardenability. This system with adjustable nozzles and flow velocities ensures uniform quenching rates across component sections. All quenched loads are carefully timed to ensure complete transformations and optimum residual temperatures.

Final Audit & Metallurgical Laboratory

All processed products are checked for final hardness and/or case depths to determine whether product conforms to customer requirements.

Equipment includes:

- Micro hardness testers
- Rockwell hardness testers
- Microscope & microscopic measuring software

Other Services

- Cryogenic treatment
- Shot/bead blasting
- Failure investigation
- Metallurgical consulting



Our dedicated employees are available to answer any questions or provide updates regarding your order. Contact us to receive more information about our services or request a customized quote for your next project.

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