



Mission Statement

Heat Treating Technologies, Inc.'s mission is to satisfy the current needs of our Customers, Employees, Stockholders, and Community while planning how to meet their future needs.

ISO 9001:2015
CERTIFIED COMPANY

 **PRI** Certification
PERFORMANCE REVIEW INSTITUTE





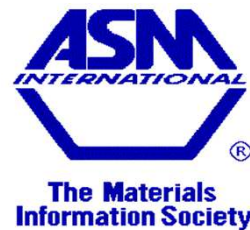
ISO 9001:2015
CERTIFIED COMPANY



CUSTOMER
VDA
APPROVED



Accreditations & Affiliations





Facility

- 60,000 sq ft. heat treating production area & storage
- Met-Lab
- Production Q.C. Lab
- Endothermic Furnace Line
- Induction & Laser Bar Code Dept
- Blast area with rust preventative conveyor
- Straightening Press Dept
- Magnetic Particle Inspection Area
- Stop-off Paint Dept.



Spinner Blast Unit

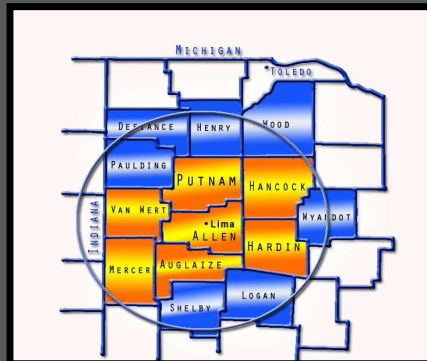


**Leco
Microhardness
Tester**



Convenient Location

- HTT is located in West Central Ohio and has served the surrounding States as well as Canada & Mexico with quality, competitive pricing, and consistency since 1993 in Lima, Ohio. That is 29 years of service!



Industries Served

- 1st Tier Automotive Suppliers
- Military
- Excavating
- Agriculture
- Refrigeration
- Stampings/Machine Shop
- Farrier Rasp Makers



Services



- Carburizing
- Carbonitriding
- Neutral Hardening
- Annealing
- Normalizing
- Case Restoration
- Stress Relieving/Tempering
- Straightening
- Crack Detection/Inspection
- Microstructure Evaluation
- Metallurgical Consultation
- Selective Hardening/Annealing
- Carburize Masking
- Alloy Fixture Repair
- Laser Etching/ Bar Coding
- Transportation
- Blasting
- Rust Preventative
- Cleanliness Inspection (gravimetric analysis)





Steel Treating Equipment

Carburize Furnaces

- 8: Super 36 x 72 x 36 Surface Combustion furnaces with integral batch quench
- 2: with hot oil capability
- 3: with atmosphere slow cooling (top cool)

Blast Machine

- 1: Goff Spinner Blaster

Draw Furnaces

- 5: Surface Combustion uni-draw open flame furnaces
- 1: Surface Combustion box draw furnace

Washing units

- 4: Dunk and spray washers

Induction Machine

- 1: Inducto-heat induction hardening & tempering unit

Met-Lab Equipment

- Hardness Testers
 - 1: Tukon microhardness test units, Vickers
 - 2: Rockwell macro hardness test units
 - 1: Brinell indentation test unit
 - 1: Leco AMH55 Vickers microhardness tester
 - 1: Buehler Vickers microhardness tester
 - Carbon Analyzer
 - SSI 3 gas carbon analyzer
- Carbon Determination
 - Leco carbon determinator
- Magnified Detection
 - 1000X Met-Lab microscope w/Am-scope Camera





Added Services Equipment

Straightening

- 1: Eitel 40-ton straightening press
- 1: Eitel 20-ton straightening press

Laser Bar Coding

- 1: Control laser bar code marking & scan system

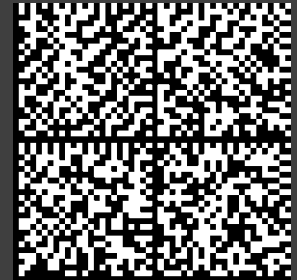


Production Control

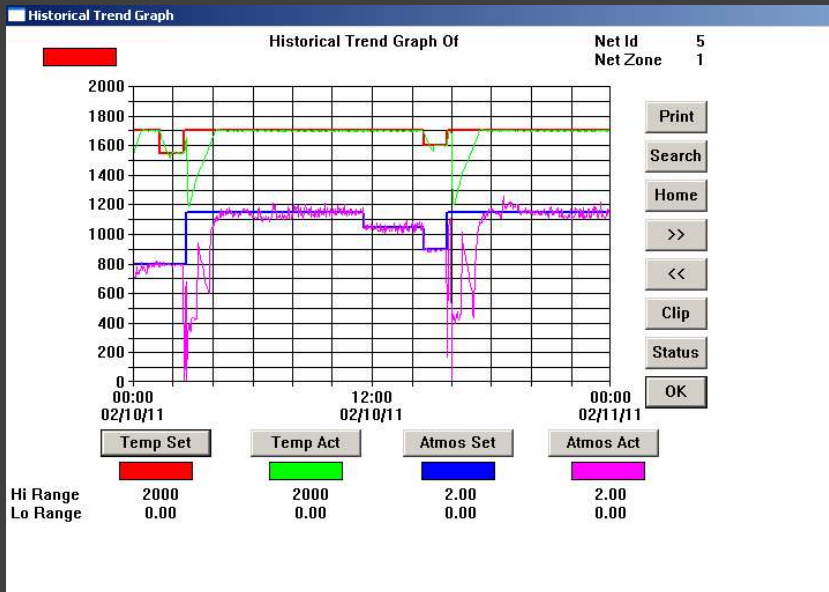
- Cornerstone Systems Inc., Visual Shop Software. Fully supported business software program, backed up offsite.
- Surface Combustion Trending Software, backed up offsite.
- ISO9001:2015 (control plan, PFEMA, parts submission warrant, PPAP, & CQI-9)



Key System Tools



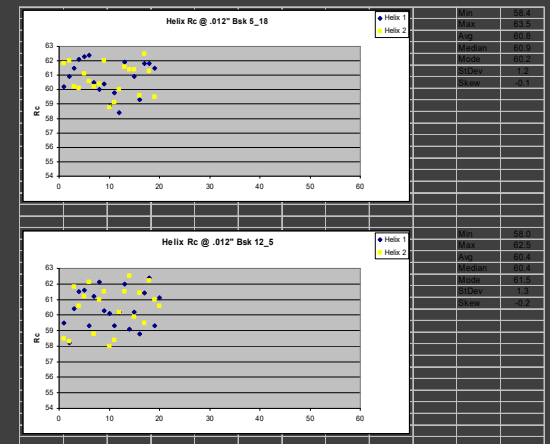
2D Data Matrix Labeling



Furnace Parameter Traceability

Process Capabilities

QI Macros



Hardness Data Trends