



QUALITY METAL TREATING

37 WEST 5TH STREET
NEW ALBANY, INDIANA 47150

Office: 812.725.8272

hartfordHT.COM



THERMAL PROCESSES

1. Anneal
2. Sub-Critical Anneal
3. Stress Relieving
4. Stress Relief Annealing
5. Precipitation Age Hardening
6. Hydrogen Bake-out
7. Tempering

EQUIPMENT CAPABILITIES & CERTIFICATION:

1. Furnace run parts up to 45 ft long, 15 ft wide & 15 ft tall.
2. Material handling of parts up to 80,000 lbs.
3. Certified & Calibrated Equipment to N.I.S.T. Standards in accordance with MIL Standard 45662A.

WHAT SEPARATES US FROM THE COMPETITION?

1. State of the art SCADA Control Systems capable of measuring & monitoring multiple attached thermocouples.
2. Localized Heat Treat capability.
3. Full knowledge of various Heat Treat Standards & Specifications including but not limited to ASME Code, AWS, Military & Aerospace Standards.
4. A 24/7 operation for expediting the "HOT" jobs.
5. Full on-site ASNT-TC qualified Nondestructive Examination (NDE) and testing including hardness, magnetic particle, liquid penetration, radiographic and ultrasonic testing.



FOR SALES AND QUOTES CONTACT:

Bryan Fifer - Email: bfifer@hartfordht.com

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FOR SCHEDULING OR TECHNICAL HEAT TREAT QUESTIONS PLEASE CONTACT:

Mike Simmons - Email: msimmons@hartfordHT.com

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FULL SERVICE NONDESTRUCTIVE EXAMINATION AND TESTING



Hardness Testing – Qualified personnel and equipment for testing base materials, welds, and heat affected zones. Telebrineller Hardness and Ultrasonic Contact Impedance testing available.

Magnetic Particle Testing – Level I and Level II technicians available for dry powder or wet fluorescent testing.



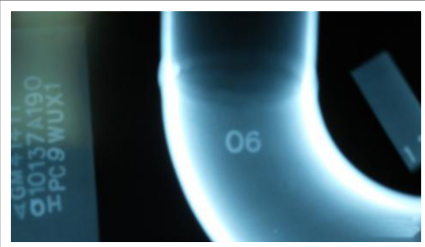
Liquid Penetrant Testing – Level I and Level II technicians available for solvent removable and water washable penetrant testing.

Radiographic Testing – Level I and Level II technicians available on site.

Ultrasonic Testing – Level I and Level II Phased Array, Shearwave, and Thickness testing available.

Positive Material Identification – Personnel and equipment qualified for identification testing of base materials and welds.

Certified Welding Inspectors (CWI) – CWI's on staff for inspection of welds to ASME and AWS welding specifications. CWI's available with certification in MT, PT, and UTSW.



Boroscope Inspection – On site boroscope with digital video and photograph capability. Remote visual inspection possible up to 50 feet inside of parts.

Hydrostatic and Leak Testing – Hydrostatic leak testing up to 10,000 psi for most components. Air leak testing available also.



Holiday and Dry Film Thickness (DFT) testing of coatings available.

Please feel free to contact us for these or any other NDE services you may need. We separate ourselves from the competition with ASNT-TC-1A certifications for all of our Level I and Level II technicians.

