



Outstanding service begins with the right people...

ISO 9001:2015 Certified

Houston Heat Treat is located at 13802 Chrisman Road, Houston TX 77039. Ph: (281)590-9600 / Fax: (281)590-9601

We offer a wide range of heat treating options for our customers. Please see below for a list of our processes, services and equipment currently available. Please contact us for a quote.

(5) Atmosphere / Oil Quench:

Up to 2,500 Lbs.
36" x 36" x 48"
Up to 1950°F. (Down to 1400°F.)
Oil Quench

Atmosphere Processes:

Atmosphere Annealing
Atmosphere Carbonitriding
Atmosphere Carbon Restore
Atmosphere Carburizing
Atmosphere Normalizing
Atmosphere Hardening

(2) Gas Nitride Furnaces:

Up to 15,000 Lbs.
62" Dia x 96" High

(1) Open Fire Heat Treat:

Up to 25,000 Lbs
5' Tall x 6' Wd x 16' Lg
Up to 1900°F.

(1) Open Fire Heat Treat:

Up to 20,000 Lbs.
4' Tall x 4' Wd x 16' Lg
Up to 1900°F.

Open Fire Processes:

Normalizing
Annealing
Age Hardening
Stress Relieve

Water Quench Capacity:

Up to 7,000 Lbs
48" x 60" x 192" Lg

(7) Temper Furnaces:

Up to 2,000 Lbs
36" Tall x 24" Wd x 48" Lg
Up to 1400°F.

Temper Processes:

Age Hardening
Anneal for Machining
Full Anneal
Code Stress Relieve
Tempering
Stress Relieve

Cryogenic/Sub-Zero Treatment:

Up to 3,000 Lbs.
36" Tall x 30" Wd x 50" Lg
Down to (minus)-150°F.

(4) Vacuum Furnaces

Up to 2,500 Lbs
46" Dia x 57" High
Up to 2400°F., Down to 1000°F.
(Standard & Drop Bottom Units)

Gas Fan Quench Capabilities:

Argon
Nitrogen

Vacuum Capabilities:

Heat Treat tool steels
Heat Treat stainless steels
Vacuum Age Hardening
Vacuum Full Anneal
Vacuum Normalizing
Vacuum Solution Anneal
Vacuum Tempering

Testing:

Hardness testing:
MicroHardness
Rockwell (RC, RB, RA,
15N, 30N)
Brinell (HBW)

Outside Laboratory Services:

Tensile (elevated / room temp)
Impacts
Grain Size
Microstructure
Macrostructure
24 Hour Hardness
Stress Rupture
Creep Test
Proof Load Test
Chemistry
Intergranular Oxidation
Microcleanliness

Blasting Services also available

Houston Heat Treat's furnaces and procedures are qualified to meet AMS-H-6875A and AMS 2750 latest revisions.

For further information contact David Sullinger at dsullinger@houstonheattreat.com or Mark Tate at mtate@houstonheattreat.com, or give us a call at (281)590-9600.