



# Advanced Heat Treat Corp.

## Corporate Overview

### 53 - UltraGlow® Ion/Gas Nitride Units:

- Up to 30 feet tall
- Up to 13 feet wide
- Up to 60,000 pounds

### 8 - UltraGlow® Induction Hardening

#### Workstations:

- Up to 300 kilowatts
- Up to 51" scan

### 10 - Atmosphere Furnaces:

- Up to 36" tall
- Up to 48" wide
- Up to 3,000 pounds

### 4 - Certified Metallurgical Labs

### 16 - Temper Ovens

CEO	Gary Sharp	sharpg@ion-nitriding.com	319.291.3380
President	Mikel Woods	woodsm@ion-nitriding.com	319.291.3382
Quality	John Ludeman	ludemanj@ion-nitriding.com	319.291.3408

- ISO 9001:2015 / IATF 16949:2016
- Nadcap (MidPort facility-nitriding & AQS)
- ITAR Registered
- Federal Firearms License
- Numerous military/aerospace approvals

## Iowa Location (MidPort)

### Corporate Office & Service Center

2825 MidPort Blvd. • Waterloo, IA 50703 • 319.232.5221

### Services

UltraGlow® Ion (Plasma) Nitriding  
 UltraGlow® Gas Nitriding  
 UltraOx® (QPQ/Salt Bath Alternative)  
 Ferritic Nitrocarburizing (FNC)  
 S-Phase Nitriding

Hot Straightening  
 Stress Relieving  
 Oxidation Treatment  
 Duplex Hardening  
 Assembly & Polishing

Cleaning  
 Metallurgical Services & Consultation  
 Tempering/Drawing  
 Failure Analysis  
 Aluminum Oxide Blasting

Operations	Bill Cowell	cowellb@ion-nitriding.com	319.291.3391
Sales	Scot Clay	clays@ion-nitriding.com	319.291.3385
Sales	Robert Alexander	alexanderb@ion-nitriding.com	319.291.3386
Quality	Connie Mackey	mackeyc@ion-nitriding.com	319.291.3404
Quality	Joel Robinson	robinsonj@ion-nitriding.com	319.291.3405
Metallurgy	Jake McCann	mccannj@ion-nitriding.com	319.291.3416
Marketing	Lindsey Newcomb	newcombl@ion-nitriding.com	319.291.3409

## Iowa Location (Burton)

2839 Burton Ave. • Waterloo, IA 50703 • 319.232.0745

### Services

UltraGlow® Induction Hardening  
Carburizing  
Carbonitriding  
Q&T/Through Hardening  
Annealing  
Normalizing

Stress Relieving  
Cold Treatment  
Oxidation Treatment  
Duplex Hardening  
Assembly  
Blast Cleaning

Parkerizing  
Magnetic Particle Inspection  
Metallurgical Services & Consultation  
Age/Precipitation Hardening  
Tempering/Drawing  
Failure Analysis

Operations	Adam Kane	kanea@ion-nitriding.com	319.291.3384
Operations	Adam Dehl	dehla@ion-nitriding.com	319.291.3389
Sales	Chad Brandenburg	brandenburgc@ion-nitriding.com	319.291.3406
Metallurgy	Rob Jenson	jensonr@ion-nitriding.com	319.232.0745
Quality	Ryan Kelly	kellyr@ion-nitriding.com	319.291.3393

## Michigan Location

1625 Rose Street • Monroe, MI 48162 • 734.243.0063

### Services

UltraGlow® Ion (Plasma) Nitriding  
UltraGlow® Gas Nitriding  
UltraOx® (QPQ/Salt Bath Alternative)  
Ferritic Nitrocarburizing (FNC)  
S-Phase Nitriding

Stress Relieving  
Oxidation Treatment  
Duplex Hardening  
Assembly  
Cleaning

Metallurgical Services & Consultation  
Failure Analysis  
Tempering/Drawing  
Polishing  
Blast Cleaning-Aluminum Oxide/Sand

Operations/Sales	Chad Clark	clarkc@ion-nitriding.com	319.291.3395
Sales	Vasko Popovski	popovskiv@ion-nitriding.com	724.554.2100
Operations	Jason Moore	moorej@ion-nitriding.com	734.243.0063
Metallurgy	Edward Rolinski	doctorglow@ion-nitriding.com	319.291.3396
Metallurgy	Rich Johnson	johnsonr@ion-nitriding.com	319.291.3412
Quality	Amy Boyd	boyda@ion-nitriding.com	734.243.0063

## Alabama Location

1545 County Road 222 • Cullman, AL 35057 • 256.739.2775

### Services

UltraGlow® Ion (Plasma) Nitriding  
UltraGlow® Gas Nitriding  
UltraOx® (QPQ/Salt Bath Alternative)  
Ferritic Nitrocarburizing (FNC)  
S-Phase Nitriding

Stress Relieving  
Oxidation Treatment  
Duplex Hardening  
Assembly  
Cleaning

Metallurgical Services & Consultation  
Tempering/Drawing  
Polishing  
Failure Analysis  
Blast Cleaning-Aluminum Oxide/Sand

Sales	Jason Taylor	taylorj@ion-nitriding.com	319.290.8905
Operations	Tim Garner	garnert@ion-nitriding.com	256.739.2775
Metallurgy/Quality	Josh Schofield	schofieldj@ion-nitriding.com	319.291.3410