



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

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

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

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|------------|------------------|------------------------------|--------------|
| 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

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 | 319.232.0745 |
| 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

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 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

| | | | |
|------------|-----------------|-------------------------------|--------------|
| Sales | Chad Clark | clarkc@ion-nitriding.com | 319.291.3395 |
| Sales | Vasko Popovski | popovskiv@ion-nitriding.com | 724.554.2100 |
| Operations | Jeff Machcinski | machcinskij@ion-nitriding.com | 319.291.3398 |
| Metallurgy | Edward Rolinski | doctorglow@ion-nitriding.com | 319.291.3396 |
| Metallurgy | Rich Johnson | johnsonr@ion-nitriding.com | 734.243.0063 |
| Quality | Amy Boyd | boyda@ion-nitriding.com | 734.243.0063 |



Alabama Location

1545 County Road 222 • Cullman, AL 35057 • 256.739.2775

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Stress Relieving
 Oxidation Treatment
 Duplex Hardening
 Assembly
 Cleaning

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

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|--------------------|----------------|------------------------------|--------------|
| 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 |