

# Metal Treating Institute Technical and Leadership Training Programs

## Qualified Furnace Operator Certificate (QFO)

- 102 ABC's of Heat Treating - Processes
- 103 ABC's of Heat Treating - Equipment
- 104 ABC's of Heat Treating - Materials
- 105 ABC's of Heat Treating – Metallurgical Theory
- 106 ABC's of Heat Treating – Inspection & Quality

## Heat Treat Technical Specialist (HTTS)

***Pass Qualified Furnace Operator Certificate PLUS***

- 115 Heat Treat Evaluation
- 116 Heat Treatment Troubleshooting
- 117 Furnace Atmospheres
- 118 Furnace Maintenance
- 141 Hardness Testing

## Heat Treat Management Specialist (HTMS)

***Pass Heat Treat Specialist Certificate PLUS the Following Courses***

- 205 Cost Accounting for Heat Treaters
- 206 Effective Lean Manufacturing Strategies
- 207 Character Traits of a Leader
- 208 Communication and Leadership
- 209 How Effective Leaders Make Quick Decisions
- 210 Leaders Provide the What, Followers Provide How
- 211 How Leaders Develop Effective Teams
- 212 Leadership and Staff Development
- 213 Great Leaders Obtain Followers
- 214 How to Get What You Want Without a Fight
- 215 How to Calmly Not Choke the Difficult Person
- 216 Leadership and Attitude
- 217 Leadership and Personalities
- 218 Leadership and the Third Person
- 219 Strategic Thinking & Building High Performing Teams
- 220 Manufacturing... It Is Coming Back With A Vengeance

## Heat Treat Specialist Certificate (HTS)

***Pass Heat Treat Technical Specialist Certificate PLUS Any 20 of the following Courses PLUS Letter From Supervisor Proving 12-Months Working in HT Plant***

- 101 Heat Treat for Beginners
- 119 Heat Treat Equipment Part 1
- 120 Heat Treat Equipment Part 2
- 121 Heat Treat Equipment Part 3
- 122 Machining & Annealing Part 1
- 123 Machining & Annealing Part 2
- 124 Surface Treatments - Nitriding
- 125 Surface Treatments - Carbon Nitriding
- 126 Surface Treatments – Plasma Carburizing & LPC
- 127 Surface Treatments - Carburizing
- 128 Surface Treatments – Induction, Flame, Laser
- 130 Aluminum Part 1
- 131 Aluminum Part 2
- 132 Tool Heat Treatment Part 1
- 133 Tool Heat Treatment Part 2
- 134 Aerospace & Military
- 135 Brazing Part 1
- 136 Brazing Part 2
- 137 Brazing Part 3
- 138 Brazing Part 4
- 139 Quenchants Part 1
- 140 Quenchants Part 2
- 142 Martensite & Heat Treating



## YES Management Training Program

- 4 - day and a half training sessions over 10-months
- 6 - heat treat and supplier plant tours
- Build network of 29 new heat treat executives in class
- Strategic Thinking and Leadership Models
- How to Build High Performing Teams
- Excellence in Execution, Debriefing and Operations