



# ENGINEERING & MANUFACTURING SERVICES

## COMPLEMENTARY SERVICES

**I**N ADDITION TO COMMERCIAL HEAT TREATING SERVICES, OUR ENGINEERS AND TECHNICIANS HAVE THE NECESSARY SKILLS TO HELP OUR CUSTOMERS IN A VARIETY OF WAYS.

### PRODUCT / PROCESS DEVELOPMENT

Our engineers and metallurgists participate in the early stages of our customers' product development. Such early involvement eliminates a significant amount of errors in the planning of manufacturing cycles that require heat treating operations.



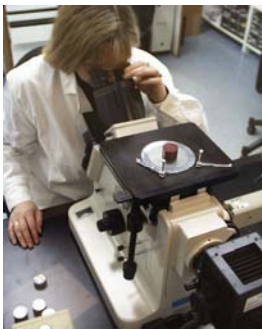
### NEW EQUIPMENT

New equipment such as furnaces, control systems and accessories may be procured from our parent company - Nitrex Metal Inc.

Please visit our web site at [www.nitrex.com](http://www.nitrex.com) or call any of our locations for additional information.



### LABORATORY SERVICES



Our laboratories are well equipped (e.g., diamond blade cut-off saws, automatic sample mounting presses and polishers, high resolution microscopes with photo-capability, micro-hardness testers, etc.), and their staff welcomes all opportunities to perform metallurgical evaluations on samples supplied by our customers.

### FAILURE ANALYSIS

Failures or components are evaluated by our specialists from time to time. We are also occasionally hired for "expert-witness" testimony.

### TESTING SERVICES

Salt-spray corrosion testing is our specialty. We are also developing certain roughness and fatigue testing capabilities.



### PROJECT MANAGEMENT

Our engineers and managers will consider any project within their area of expertise such as, e.g., equipment modifications, control system development, troubleshooting and servicing, or taking full responsibility for captive heat treat department operations.



### MANUFACTURING OF COMPONENTS

We are capable of manufacturing components made of ferrous alloys and certain other metals. Our interest lies in those areas of manufacturing where a combination of heat treating services with machining or finishing operations may reduce the number of individual suppliers, i.e., where cost-cutting is a priority.

*For locations of our metal treatment service centers, please visit our website under Metal Treating Services, call 702-399-1554, or email us at [nitrexusa@nitrex.com](mailto:nitrexusa@nitrex.com).*