

The scientific application of the mechanical, metallurgical, corrosion and physical properties of metals and non-metals to their proper selection, design, and manufacture for end-use applications.

**Materials  
Consulting**

When help is needed selecting the proper material, metal or alloy for corrosion or mechanical service applications, or expertise with equipment fabrication or welding is required during new construction or repairs, The Hendrix Group can provide years of experience with materials selection and equipment fabrication problems. We maintain an extensive library of books, technical articles and corrosion data that we can draw upon when needed. Using our in-house library and our materials database search capabilities we can conduct intelligent literature searches for clients on a wide range of material property and corrosion subjects.

### Metallurgical Engineering & Equipment Fabrication Consulting Services

- Corrosion Control & Prevention
- Fabrication Specifications
- Fitness-for-Service to API 579
- Pipeline & Well Corrosion Modeling
- Remaining Life Evaluations
- Product Development
- Coating Specifications
- Repair Specifications
- Literature Searches
- Problem Resolution
- Material Selection
- Failure Analysis
- Shop Audits

