

Testing is an integral part of conducting a failure analysis.

**Laboratory
Testing**

Through laboratory testing we can determine a component's tensile strength, hardness, toughness and chemical properties. Scanning electron microscopy (SEM) is used to observe fractures at high magnifications to determine their fracture mode. Energy dispersive spectroscopy (EDS) is used to investigate the composition of corrosion products and deposits. Corrosion studies can be performed to verify an alloys' corrosion resistance to a specific environment or to confirm proper manufacture. Through in-house resources and affiliations with associates we can meet most testing project needs.



THE HENDRIX GROUP

15823 N. Barkers Landing Houston, Texas 77079
www.hghouston.com

Phone: (281) 556-8774 Fax: (281) 870-0659
hg@hghouston.com