EET130 Fall 2011

Strain Gauge Assignment

Due Beginning of Class Tuesday Nov. 22rd

Using internet resources research and write a one-page report about the new elastomer strain gages. Use at least 3 sources. Include the following things in your report:

* Concept of operation (in other words, how do they work?)
* How does is compare with a foil strain gauge in terms of ease of use, reliability, and durability?
* What tests would you do to “prove” the elastomer strain gauge is a viable product?

Use the following guidelines

* + Typed, single-spaced
  + Checked for spelling and grammar
  + 1-inch margin top, bottom, left and right margins
  + Maximum font size: 12 pt
  + Easy to read font selection – Arial or Times Roman (no Courier)
  + No more than one blank row between paragraphs (indent first line of paragraph)
  + On the second page, list your internet sources
  + Top of the first page should have the following information:

Your Name and Report Title