

## Examples of Unique Tests We Have Completed in the Past

Determining mechanical and thermal stresses present during heating and cooling cycles of architectural glass panels

Thermal and life cycling of vending machine motors while monitoring both the electrical and mechanical parameters

Testing electronic message displays under thermal/corrosion cycling while monitoring the displays electrical characteristics

Load cycling of lifting devices for hospital patients

Determining the heating and cooling efficiency of multi-layered cookware

Providing a torque load test survey of rotary switches for various commercial applications

Determining the activation temperature of overhead sprinkler systems

Determining the distortion pressure of pump flanges



## Specialty Testing

*Anderson Laboratories, Inc.* offers a wide range of specialty testing and engineering services to manufacturers, designers and consumers.

We have a well equipped machine shop capable of producing test fixtures for any part configuration and interfacing it with our test machines. Load testing of components to design specifications and "proof" loading are commonly performed.

Our laboratory is capable of providing a variety of mechanical, electrical, and environmental simulation to meet our customer's needs. The instruments that can be interfaced to our equipment include, but are not limited to:

- + thermocouples
- + strain gages
- + pressure sensors
- + voltage, current, and resistance sensors

Data acquisition is accomplished through the use of high speed instrumentation. Custom programming the data acquisition is offered for a variety of testing scenarios. Both raw and derived data can be presented in a variety of formats including graphical displays, text data files, and Excel spreadsheets.

For more information or questions regarding our specialty testing, please contact us at our laboratory in Greendale, Wisconsin.

**414-421-7600**  
**800-950-6330**

[www.andersonlabs.com](http://www.andersonlabs.com)

6330 Industrial Loop  
Greendale, WI 53129-2434

