

## Lansmont Test Equipment and Applications Training

Based upon customer input, Lansmont Testing Services Group will develop a personalized training session that will effectively demonstrate proper techniques for efficient utilization of various field-monitoring and testing equipment. The sessions will be structured to thoroughly review laboratory testing subject matter including data acquisition, vibration, shock, compression and their related test procedures. Customers will have the opportunity to customize the learning experience by conveying their individual needs with Lansmont personnel. Lansmont's areas of expertise include, but are not limited to the following:



### Data acquisition and monitoring

- Setting up the equipment
- Acquiring the data
- Analyzing the data
- Utilizing the data
- Benefits from monitoring distribution environments

### Vibration

- Setting up and running the equipment
- Deciding on the proper test procedure/profile
- The difference between the various vibration profiles
- Random vibration vs. sinusoidal vibration
- Benefits of vibration testing

### Shock

- Setting up and running the equipment
- Deciding on the proper test procedure
- Creating a damage boundary curve (defining the product's fragility)
- Different methods of shock testing: (freefall drops, rotational drops, horizontal/incline impacts)

### Compression

- Setting up and running the equipment
- Deciding on the proper test procedure
- Benefits of compression testing

### Analyzing and conducting various procedures

- Standard procedures (ISTA vs. ASTM)
- Define custom procedure (utilizing monitored data)
- Deciding what procedure is best to use



### Lansmont will:

- Provide introductory screening
- Help define consulting needs
- Develop an appropriate training agenda
- Provide on-site consulting services covering desired topics

### Lansmont also offers:

#### Comprehensive Field to Lab Training Seminars

Includes the items listed above and their incorporation into Lansmont's Six Step Product/Package Design Methodology Seminars presented quarterly at Lansmont Testing Centers, or at pre-arranged, customer specified locations

Visit [www.lansmont.com](http://www.lansmont.com) for more information

Testing Services Group – 3 Locations to serve you.  
Lansing, MI • Sunnyvale, CA • Huntington Beach, CA

1-800-LANSMONT • [www.lansmont.com](http://www.lansmont.com)

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