



www.labtesting.com



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2331 Topaz Drive, Hatfield, PA 19440

**FAILURE ANALYSIS QUESTIONNAIRE**

**COMPANY:** \_\_\_\_\_

**CONTACT PERSON:** \_\_\_\_\_

**TITLE:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

\_\_\_\_\_

**PHONE:** \_\_\_\_\_ **FAX:** \_\_\_\_\_ **EMAIL:** \_\_\_\_\_

As an aid to the failure analysis that Laboratory Testing, Incorporated is conducting to determine the material characteristics that may have contributed to the failure of the component, please answer the following questions:

**1)** What is the item that failed?

\_\_\_\_\_

**2)** What is the material?

\_\_\_\_\_

**3)** What are the dimensions?

\_\_\_\_\_

**4)** Did the item fail during:

Manufacture

Testing

Service

Other: \_\_\_\_\_

5) Nature of failure:

- Fracture
- Wear
- Corrosion
- That is what we want you to tell us.

6) Describe what is known of failure circumstances (temperature, environment, time in service, prior failure history, etc.).

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7) If convenient, provide photographs of part in service and / or part and assembly drawings.

8) Purpose of Failure Analysis:

- Identify cause to prevent recurrence or improve process.
- Pursue or resolve warranty claim.
- Support litigation.
- Other: \_\_\_\_\_

9) How many failed parts will be submitted? \_\_\_\_\_

10) Will any unbroken or "good" parts be submitted for comparison?

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After you have answered the above questions, please return the completed questionnaire to the person who sent you this form at **Laboratory Testing, Inc.**  
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