



PERFORMANCE THROUGH PRECISION

## COMPLETED SUPPLIER SURVEY

The following Supplier Survey was developed by Micro-Measurements to provide customers with a document that addresses the capabilities of Micro-Measurements as a supplier. The Supplier Survey is based on the requirements of the ISO-9001 Standard.

Due to the significant number of questionnaires received from our customers and for the sake of expediency, we have pre-completed a survey for you. We designed it to address the same questions posed by many of our customers. We trust you will find this an acceptable substitute to our completing your Supplier Quality System Survey form.

Should you find our completed survey an unacceptable substitute for your Supplier Quality System Survey, or if you have questions or comments, please feel free to contact the Quality Assurance Department at the address below. We will respond to your requirements as quickly as we can.

Thank you.

Quality Program Manager  
Vishay Measurements Group, Inc.  
*dba Micro-Measurements*  
PO Box 27777  
Raleigh, NC 26711-7777 USA

Phone: 919-365-3800  
FAX: 919-365-3945  
Email: [micro-measurements@vpgsensors.com](mailto:micro-measurements@vpgsensors.com)



## SUPPLIER SURVEY COMPLETED BY MICRO-MEASUREMENTS

### Section 1

Supplier's Company Name: Vishay Measurements Group, Inc. dba Micro-Measurements

Address: 951 Wendell Boulevard

City, State, Zip Code: Wendell, NC 27591

Web-site: www.vishaypg.com/Micro-Measurements

Contact: Quality Assurance Department

E-mail: micro-measurements@vpgsensors.com

Telephone #: 919-365-3800

Fax #: 919-365-3945

Product or service provided: Strain Gages and associated Accessories and Instrumentation

Survey completed by: Quality Assurance Manager

Date: November 16, 2018

OTHER QUALITY-BASED CERTIFICATIONS		
Type	Regulatory Body	Date of Certification
<u>Mil Std 45208A</u>	<u>Approved by Boeing Satellite Systems</u>	<u>June, 2003</u>
<u>SAE AS9003</u>	<u>Boeing Integrated Defense Systems</u>	<u>Approved May 2006</u>
<u>ISO 9001:2015</u>	<u>TuV NORD</u>	<u>September 2, 2018</u>



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**Section 2**

**2.1 Management Responsibility**

- 1. Do you have a documented quality policy?..... Yes  N/A  No
- 2. Is there a system for dissemination of directives and instructions to all personnel within the organization?..... Yes  N/A  No
- 3. Is the commitment to quality known and understood by all employees?..... Yes  N/A  No
- 4. Do you have a formal documented process to measure customer satisfaction?.... Yes  N/A  No

**2.2 Quality System**

- 1. Do you have documentation defining the Quality System in use?..... Yes  N/A  No
- 2. Do you have an organizational chart that clearly establishes direct responsibility for the quality system? **Please attach a copy**..... Yes  N/A  No
- 3. Does management routinely review the quality system to ensure effectiveness of the system?..... Yes  N/A  No
- 4. Is management's review of the system documented?..... Yes  N/A  No
- 5. Do you perform audits internally to review processes and procedures?..... Yes  N/A  No

**2.3 Contract Review**

- 1. Does your Quality system have the capability to determine whether you can meet customer requirements prior to accepting an order?..... Yes  N/A  No
- 2. Do you have written contracts that clearly spell out the requirements of your customers? Yes  N/A  No
- 3. Do you have written procedures for handling amendments to contracts?..... Yes  N/A  No
- 4. What is your process or procedure to notify customers and report risks or concerns?..... Yes  N/A  No

**2.4 Design Control**

- 1. Do you have procedures in place to address design control?..... Yes  N/A  No
- 2. Do your procedures address design and development planning?..... Yes  N/A  No
- 3. Do your procedures address design input and design output?..... Yes  N/A  No
- 4. Do your procedures address design review and verification?..... Yes  N/A  No
- 5. Do your procedures address design validation and design changes?..... Yes  N/A  No

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**Micro-Measurements**

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2.5 Document and Data Control

- 1. Are there procedures for the creation, approval, and changes to documents and/or data?
2. Are current copies of necessary documents accessible to your employees where needed?
3. Is there a procedure for collecting and destroying obsolete documents?

2.6 Purchasing

- 1. Do you have a list of approved suppliers?
2. Do you review and approve purchasing documents for accuracy of specified requirements before release?
3. Do you have a formal corrective action system for your suppliers?

2.7 Customer Supplied Products

- 1. Do you have documented procedures for the control of verification, storage and maintenance of customer-supplied products?
2. Are customer-supplied products that are lost, damaged, or otherwise unsuitable for use recorded and reported to the customer?
3. Are retention samples approved and stored?

2.8 Product Identification and Traceability

- 1. Does each batch or lot have its own unique identification?
2. Is the batch identification maintained throughout its production and delivery?
3. Can the product be traced back from any point of manufacture or delivery?

2.9 Process Control

- 1. Do front line personnel do their jobs by following documented work instructions?
2. Is there a system in place to review and approve proposed process changes?
3. Are preventative maintenance practices and principles employed?



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**2.10 Inspection and Testing**

- 1. Do you have a Receiving Inspection/Testing system that assures that incoming product is not used until it is verified as meeting specified requirements?..... Yes  N/A  No
- 2. Do you have a system to ensure that final product is not released until it is verified as meeting Final Inspection/Testing requirements?..... Yes  N/A  No
- 3. Do you document the results of inspection and testing?..... Yes  N/A  No
- 4. Do you have a system to identify and separate non-conforming/suspect material?..... Yes  N/A  No

**2.11 Inspection, Measuring and Test Equipment**

- 1. Do you uniquely identify all of your inspection, measuring, and test equipment that can affect product quality?..... Yes  N/A  No
- 2. Do you have procedures that detail how and when your measuring and test equipment calibrations are to be done?..... Yes  N/A  No
- 3. Can the standards used to calibrate your measuring and test equipment be traced to N.I.S.T. or other nationally recognized primary standards?..... Yes  N/A  No
- 4. Do you have a method to identify the calibration status of measuring and test equipment?..... Yes  N/A  No

**2.12 Product Inspection and Test Status**

- 1. Is the identification and test status of products identified by suitable means that indicate conformance or non-conformance?..... Yes  N/A  No
- 2. Do the Inspection and Test Records identify the inspection authority for the release of conforming product?..... Yes  N/A  No

**2.13 Non-Conforming Materials**

- 1. Do you have documented procedures that outline the review and disposition of non-conforming materials?..... Yes  N/A  No
- 2. Do you re-inspect product that has been reworked or repaired?..... Yes  N/A  No
- 3. Do you advise the customer when reworking or repairing nonconforming product?..... Yes  N/A  No



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**2.14 Corrective/Preventive Action**

- 1. Do you have documented procedures for the handling of customer complaints?..... Yes  N/A  No
- 2. Do you have documented procedures for handling Corrective/Preventive Action?..... Yes  N/A  No
- 3. Do you use recognized problem solving methods to identify the root cause of problems? Yes  N/A  No

**2.15 Handling, Storage, Packaging, Preservation and Delivery**

- 1. Do you have documented procedures for handling, storage, packaging, preservation and delivery of product?..... Yes  N/A  No
- 2. Are you delivering at least 99% on time to your customers?..... Yes  N/A  No
- 3. Do you have a process to ensure that all required, correct, associated documents are provided with ordered product as requested on our purchase order?..... Yes  N/A  No

**2.16 Quality Records**

- 1. Are your product records for quality identified, readily retrievable and legible?..... Yes  N/A  No
- 2. Do you have established times for retention of quality records?..... Yes  N/A  No

**2.17 Internal Quality Audits**

- 1. Do you have an established and documented internal audit system to verify quality activities?..... Yes  N/A  No
- 2. Do you carry out audits as scheduled?..... Yes  N/A  No
- 3. Are records of audits maintained and reviewed by responsible management personnel? Yes  N/A  No

**2.18 Training**

- 1. Have the personnel, whose work can directly affect product quality, received all the training necessary in accordance with your documented procedures?..... Yes  N/A  No
- 2. Do you consider training a strategic issue and is training periodically evaluated?..... Yes  N/A  No

**2.19 Servicing**

- 1. For organizations that provide for servicing, do your procedures document how servicing will meet the specified requirements of the customer?..... Yes  N/A  No



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**2.20 Statistical Techniques**

- 1. Where applicable, do your procedures use statistical techniques to verify product compliance to requirements and the capability of the process?..... Yes  N/A  No   
**100% Final Inspection.**

**2.21 Continuous Improvement**

- 1. Do you have procedures outlining methods for improving your processes and products? Yes  N/A  No

***Thank you for allowing us to provide the above details about our Supplier Capabilities.***



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# CERTIFICATE

Management system as per  
**EN ISO 9001 : 2015**

In accordance with TÜV NORD CERT procedures, it is hereby certified that

**Vishay Measurement Group  
dba Micro-Measurements  
950 Wendell Boulevard  
Wendell, NC 27591  
USA**

applies a management system in line with the above standard for the following scope

**Design and Manufacture of Electrical Strain Gages and Associated Accessories,  
Instrumentation, and Training Programs**

Certificate Registration No. 44 100 16560235  
Audit Report No. 16-1991

Valid from 2016-10-14  
Valid until 2019-10-13

  
Certification Body  
at TÜV NORD CERT GmbH

Salem, 2018-09-02

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH

Langemarckstraße 20

45141 Essen

[www.tuev-nord-cert.com](http://www.tuev-nord-cert.com)



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VPG Reporting Segments: Weighing and Control Systems | Force Sensors | Foil Technology Products

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