



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Institute of Standards and Technology**  
Gaithersburg, Maryland 20899

November 17, 2010

Mr. Tom Chiesa  
GE Sensing & Inspection  
967 Windfall Road  
St. Marys, PA 15857

NVLAP Lab Code: 200913-0

Dear Mr. Chiesa:

I am pleased to inform you that initial accreditation for specific parameters in Calibration Laboratories is granted to your organization under the National Voluntary Laboratory Accreditation Program (NVLAP). This accreditation is effective until December 31, 2011, provided that your organization continues to comply with accreditation requirements contained in the NVLAP Procedures.

Your Certificate of Accreditation is enclosed along with a statement of your Scope of Accreditation. You may reproduce these documents in their entirety and announce your organization's accreditation status using the NVLAP symbol and/or term in business publications, the trade press, and other business-oriented literature. Accreditation does not relieve your organization from observing and complying with any applicable existing laws and/or regulations.

We are pleased to have you participate in NVLAP and look forward to your continued association with this program. If you have any questions concerning your NVLAP accreditation, please direct them to Thomas Hettenhouser, Program Manager, Laboratory Accreditation Program, National Institute of Standards and Technology, 100 Bureau Dr. Stop 2140, Gaithersburg, MD 20899-2140; (301) 975-4016.

Sincerely,

Sally S. Bruce, Chief  
Laboratory Accreditation Program

Enclosure(s)





**National Voluntary  
Laboratory Accreditation Program**



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**GE Sensing & Inspection**  
967 Windfall Road  
St. Marys, PA 15857  
Mr. Tom Chiesa  
Phone: 814-834-5520 Fax: 814-834-5535  
E-mail: tom.chiesa@ge.com  
URL: www.gesensing.com

**CALIBRATION LABORATORIES**

**NVLAP LAB CODE 200913-0**

**THERMODYNAMICS**

*NVLAP Code:* 20/T02  
Humidity  
Generated in RH chamber @ 25° C

<i>Range in % RH</i>	<i>Best Uncertainty (±) in % RH<sup>note 1</sup></i>
25 to 85	1.1

*NVLAP Code:* 20/T05  
Pressure  
Pressure by comparison

<i>Range</i>	<i>Best Uncertainty (±) <sup>note 1</sup></i>
0 to 10 000 mb	1.4 mb

*NVLAP Code:* 20/T07  
Resistance Thermometry  
RTD Temperature measurement by comparison to SPRT

<i>Temperature in °C</i>	<i>Best Uncertainty (±) in mK <sup>note 1</sup></i>
-196	8.5
0	5.0
100	6.7

2010-11-16 through 2011-12-31

*Sally S. Bruce*

*Effective dates*

*For the National Institute of Standards and Technology*



**National Voluntary  
Laboratory Accreditation Program**



**CALIBRATION LABORATORIES**

**NVLAP LAB CODE 200913-0**

165	7.3
398	11

Temperature by comparison to RTD Probe

<i>Temperature in °C</i>	<i>Best Uncertainty (±) in mK <sup>note 1</sup></i>
-60	28
0	28
100	28
400	28

Temperature Measurement by comparison to RTD Probe

<i>Temperature Range in °C</i>	<i>Best Uncertainty (±) in mK <sup>note 1</sup></i>
-60 to 400	28

1. Represents an expanded uncertainty using a coverage factor, k = 2, at an approximate level of confidence of 95 %.

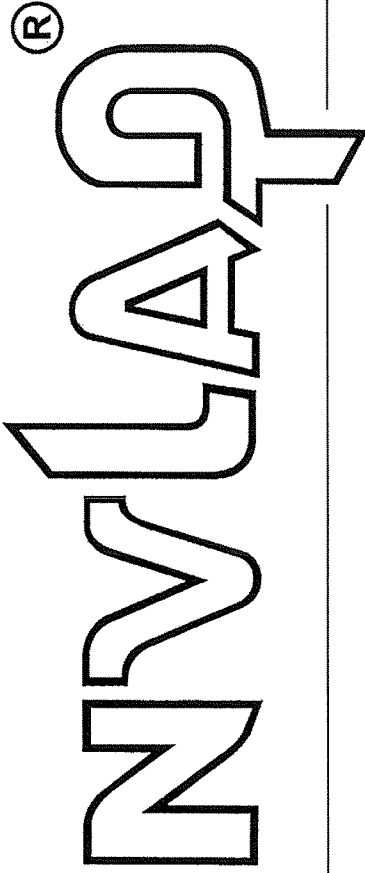
2010-11-16 through 2011-12-31

*Effective dates*

*Sally S. Bruce*

*For the National Institute of Standards and Technology*

United States Department of Commerce  
National Institute of Standards and Technology



---

## Certificate of Accreditation to ISO/IEC 17025:2005

---

NVLAP LAB CODE: 200913-0

**GE Sensing & Inspection**  
St. Marys, PA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:

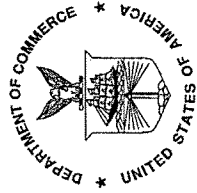
### **CALIBRATION LABORATORIES**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2010-11-16 through 2011-12-31

Effective dates

---



*Dolly S. Bruce*

For the National Institute of Standards and Technology