



"World Class Accreditation"

March 9, 2012

S. Bruce Benson  
Coastal Instruments, Inc.  
PO Box 699  
Burgaw, NC 28425  
United States

Dear Mr. Benson:

We have received your letter dated February 3, 2012 informing A2LA that Coastal Instruments, Inc., previously located at 2120 Highsmith Road Burgaw, NC 28425 has moved to 707 Enterprise Drive Suite A-C Burgaw, NC 28425.

*Per the A2LA P105 – Policy on Organization Relocation, “If it is determined that the scope of accreditation is impacted by this relocation, the organization’s accreditation is made ‘inactive’ once the move has physically occurred and until the aforementioned information is received and a determination of ongoing competence is made (either through a document review or through an on-site visit to the new facility)”*

After a detailed review of your submission, A2LA has determined that your competency to perform the accredited calibration has been maintained and has recommended that your accreditation be re-activated with nothing further required from the laboratory

Consequently, effective March 8, 2012, A2LA has lifted the ‘inactive’ status and restored Coastal Instruments, Inc. as a fully accredited laboratory.

Enclosed please find updated copies of your Certificate and Scope of Accreditation. Additionally, the searchable database of accredited laboratories maintained at [www.A2LA.org](http://www.A2LA.org) has been updated to reflect this relocation.

Sincerely,

Roxanne Robinson  
Vice President / COO

Ashly Carter  
Senior Accreditation Officer  
email: [acarter@A2LA.org](mailto:acarter@A2LA.org)

cc: T.Barnett; J. Collins; B. Rowe; P. Smith

Master Code: 125750  
Cert Nos.: 2235.01



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005  
& ANSI/NCSL Z540-1-1994

COASTAL INSTRUMENTS, INC.  
707 Enterprise Drive Suite A-C  
Burgaw, NC 28425  
S Bruce Benson Phone: 800 632 4357

CALIBRATION

Valid To: November 30, 2012

Certificate Number: 2235.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations<sup>1</sup>:

I. Fluid Quantities

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
Gas Flow – Mass Flow Device	5 sccm to 330 sccm 300 sccm to 600 slpm	0.37 % of reading 0.41 % of reading	Transfer standards
Transfer Standards	5 sccm to 10 sccm 10 sccm to 60 slpm 30 slpm to 600 slpm	0.3 % of reading 0.26 % of reading 0.28 % of reading	Primary standards

<sup>1</sup> This laboratory offers commercial calibration service.

<sup>2</sup> Calibration and Measurement Capability (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. Calibration and Measurement Capabilities represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of  $k = 2$ . The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.





The American Association for Laboratory Accreditation

World Class Accreditation

# Accredited Laboratory

A2LA has accredited

## COASTAL INSTRUMENTS, INC.

Burgaw, NC

for technical competence in the field of

### Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This laboratory also meets the requirements of ANSI/NC SL Z540-1-1994 and any additional program requirements in the field of calibration. 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 8 January 2009).

Presented this 27<sup>th</sup> day of October 2010.



  
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President & CEO

For the Accreditation Council

Certificate Number 2235.01

Valid to November 30, 2012

Revised March 8, 2012

*For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.*