SOUTHWEST RESEARCH INSTITUTE

6220 CULEBRA ROAD • POST OFFICE DRAWER 28510 • SAN ANTONIO, TEXAS, 78228-0510 • TEL (210) 522-5215 • FAX (210) 522-369

To: Darrell Dunn, Div/20, B57

From: Walt Hill, Metrology Group Leader
Institute Calibration Laboratory

Date: Jun. 03, 2005

Subject: Out-of-tolerance Notice

The purpose of this notice is to alert you of a condition, which may have caused erroneous measurements affecting safety or the quality of products or services your organization provides. The attached as-found readings are provided for your evaluation to determine if the instrument listed below had an impact and if further action is required.

When the as-found results are near the specification limit, +/- a margin less than the measurement uncertainty, it is not possible to state in-tolerance or out-of-tolerance with a 95% level of confidence. It is the Institute Calibration Laboratory policy that the client is made aware of this situation because the end-user is taking some of the risk that the instrument listed below may not meet the end-user measurement requirements.

Your review/evaluation should be conducted in accordance with your organizational quality policy and procedural requirements. If we can be of further assistance, please contact the Calibration Laboratory at 522-5215.

Manufacturer: Ertco **Model:** ASTM 2C

Description: Thermometer **Serial Number:** 6567

Asset Number: 11681 **User ID Number:**

Last Calibration: N/A

Date Received for Service: Jun. 02, 2005 Work Order Number: 303064472

Service Requested: Scheduled calibration

Remarks: Out of tol. See Data Sheet

OUT OF TOLERANCE

OUT OF TOLERANCE

Southwest Research Institute
Calibration Laboratory
Measurement Report

Work Order:	303064472	Mfr.	ERTCO	Technician	JRG
Asset No.	011681	Model	ASTM 2C		
Serial No.	6567	Type.	THERMOMETER	Cal Date.	03-Jun-05
Remarks:	Accuracy Reference ANSI Z236.1-1983				

Function/Range	Test Point	TI Reading	Difference	+/-Limit	+/-Uncertainty	Found/Left
Temperature	°C	°C	°C	°C	°C	Result
	0.1	2.5	2.4	1.0	0.12	Fail
	75.0	76.5	1.5	1.0	0.12	Fail
	149.9	151.5	1.6	1.0	0.12	Fail
	225.3	227.0	1.7	1.0	0.12	Fail
	300.1	301.5	1.4	1.0	0.12	Fail

END OF REPORT

SOUTHWEST RESEARCH INSTITUTE®

To: Darrell Dunn, Div20, B57

From: Institute Calibration Laboratory; Joe Greagrey

Date: June 3, 2005

Subject: Review of Work Request Number 303064472

The work you requested is held pending your review. Please review the information provided and respond with your approval or further instructions for work to proceed. Return a signed copy via mail to Cal Lab Bldg 64, FAX (522-4834) or reply to this email. If you have questions or require additional information please call 522-5215.

Unit Received: June 02, 2005 Work Requested: Scheduled Calibration

Manufacturer: Ertco Model: ASTM 2C Description: Thermometer

Serial Number: 6567 Asset Number: 11681 User ID:

Cause of Review: Thermometer was found to be out of tolerance.

If no relpy has been received by JUne 10, 2005 the unit will be returned without action.

Approved ( ) Disapproved return unit as is ( ) Date:_____

Instructions ( ) _____

_____

_____

Authorized by _____ _____
Print or Type Name Signature

Thank you for your timely response,

Walt Hill, Metrology Group Leader
Institute calibration Laboratory

Document2

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6220 CULEBRA ROAD • POST OFFICE DRAWER 28510 • SAN ANTONIO, TEXAS, 78228-0510 • TEL (210) 522-5215 • FAX (210) 522-3692

To: Darrel Dunn, Div20, B57

From: Institute Calibration Laboratory

Date: June 3, 2005

Subject: **Returned Equipment**

The equipment described below is being return "as is" for the reason(s) indicated. The Institute Calibration Laboratory is not responsible to the customer for calibration status or condition. If we can be of further assistance, please contact the Calibration Laboratory at 522-5215.

Unit Received: June 2, 2005 Work Requested: Scheduled calibration

Manufacturer: Ertco Model: ASTM 2C Description: Thermometer

Serial Number: 6567 Asset Number: 11681 User ID Number:

Reason for return without calibration or repair:

(X) Requested by the owning organization.

( ) Required accessories or items listed in remarks were not provided.

( ) Lack of technical data.

( ) Parts are no longer available.

( ) Lack of support by manufacturer.

( ) Other

Remarks: Thermometer was returned to customer with as found out of tolerance data as requested.

Walt Hill, Metrology Group Leader
Institute Calibration Laboratory