

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:** 6584
Asset Number: 11680 **User ID Number:**
Last Calibration: N/A

Date Received for Service: Jun. 02, 2005 **Work Order Number:** 303064473

Service Requested: Scheduled calibration

Remarks: Out of tol. See Data Sheet

OUT OF TOLERANCE

Southwest Research Institute
Calibration Laboratory
Measurement Report

Work Order:	303064473	Mfr.	ERTCO	Technician	JRG
Asset No.	011680	Model	ASTM 2C		
Serial No.	6584	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	1.8	1.7	1.0	0.12	Fail
	75.0	76.0	1.0	1.0	0.12	Pass
	149.9	151.0	1.1	1.0	0.12	Fail
	225.3	226.0	0.7	1.0	0.12	Pass
	300.1	300.5	0.4	1.0	0.12	Pass

END OF REPORT

SOUTHWEST RESEARCH INSTITUTE

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

To: Darrell 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 1C Description: Thermometer

Serial Number: 6584 Asset Number: 11680 User ID Number:

Reason for return without calibration or repair:

- 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