

S O U T H W E S T R E S E A R C H I N S T I T U T E

Department of Quality Assurance
Calibration Laboratory

CERTIFICATE OF CALIBRATION

Issued to: DIV20 B57 NARASI SRIDHAR

Device No: 3244

Manufacturer: KESSLER

Model: ASTM IC 76MM

Nomenclature: THERMOMETER

Serial Number: 115880

SwRI No: NONE

Cal interval 12 Mo.

Remarks

Accuracy: MFG

Procedure: WI930-TH03

ENVIRONMENT

Temperature: 72 Humidity: 62 Location: SWRI DIV04 BLDG. 145

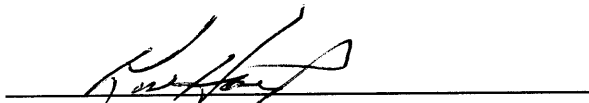
CONCLUSION

Tolerance/Remarks: Received into the system, introduced or reactivated

Standard Reading:	Unit Under Test:
-15 deg. C.	-15 deg. C.
0 deg. C.	0 deg. C.
75 deg. C.	75 deg. C.
140 deg. C.	140 deg. C.

Calibration was in accord with requirements of MIL-STD-45662A. Measurements are traceable to the National Institute of Standards and Technology. Inspection and test data are on file and available for inspection.

Signed



Calibration Date: 07/22/94

Cal interval: 12 Months

Record Number: 00014651

Next Calibration Due: 07/22/95

S O U T H W E S T R E S E A R C H I N S T I T U T E

Department of Quality Assurance
Calibration Laboratory

Device Serial No: 115880

Calibration Date: 07/22/94

STANDARDS

Standard No: 219 Manufacturer: AZONIX

Nomenclature: RTD THERMOMETER

Serial No: T1587-2078

Cal.Due: 02/22/95

Model: A1011

Cal.Rec.No: 00013377

Standard No: 328 Manufacturer: AZONIX

Nomenclature: RTD TEMPERATURE PROBE

Serial No: 351477

Cal.Due: 03/10/95

Model: A12001

Cal.Rec.No: 00013378

SOUTHWEST RESEARCH INSTITUTE
Department of Quality Assurance
Calibration Laboratory

OUT OF TOLERANCE NOTICE

07/28/95

The following asset was found to be out of tolerance when submitted for calibration. Please be aware measurements made with this may be inaccurate.

INSTRUMENT INFORMATION

Issued to: DARRELL DUNN DIV20 B57 Asset Number: 003244
Manufacturer: KESSL Model Number: ASTM IC 76MM
Nomenclature: THERMOMETER
Serial Number: 115880 SwRI Capital Number: NONE
Accuracy: +/-1 DEG.C Calibration Interval: 12 months

DEVIATION

Out of Tolerance Date: 07/27/95 Last Valid Calibration Date: 07/22/94

REMARKS

Received instrument for calibration out of tolerance. Instrument under test was compared to temperature calibration standard and the following values were recorded. Instrument cannot be adjusted and will be removed from the calibration recall system.

STANDARD	INSTRUMENT UNDER TEST
0 DEG.C	6 DEG.C

Signed

Checked by

OUT OF TOLERANCE



Southwest Research Institute
6220 Culebra Road
San Antonio, TX 78238
Department of Quality Assurance
Calibration Laboratory

Certificate of Calibration

20 August 1996

Issued to: DARRELL DUNN DIV20 B57
Manufacturer/Model: KESSL ASTM IC 76MM
Description: THERMOMETER
Serial Number: 115880
Asset Number: 003244

Environmental Conditions

Temperature: 80.0

Humidity: 33%

Calibration Information

Calibration was in accordance with requirements of MIL-STD-45662A and ANSI/NC SL Z540-1-1994. Measurements are traceable to the National Institute of Standards and Technology (NIST). This report may not be reproduced except in full without written approval of the originator. Inspection and test data are on file and available for inspection.

Calibration Date: 19 Aug 96

Calibration Procedure: WI-9-30-TH03

Interval: 6 months


Accuracy: MFGR SPECS

Next Calibration Due: 19 Feb 97

Received: In Tolerance

Remarks:

Certificate # 22388

Signed: 

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Certificate of Calibration

4 September 1997

Issued to: DARRELL DUNN DIV20 B57
Manufacturer/Model: KESSLER ASTM 1C 76MM
Description: THERMOMETER
Serial Number: 115880
Asset Number: 003244

Environmental Conditions

Temperature: 71.0 Deg. F Humidity: 46%

Calibration Information

Calibration was in accordance with requirements of MIL-STD-45662A and ANSI/NCSL Z540-1-1994. Measurements are traceable to the National Institute of Standards and Technology (NIST). This report may not be reproduced except in full without written approval of the originator. Inspection and test data are on file and available for inspection.

Calibration Date: 4 Sep 97 Calibration Procedure: WI-9-30-TH03
Interval: 6 months Accuracy: MFG SPECS
Next Calibration Due: 4 Mar 98 Received: In Tolerance
Remarks:

Standards Used

Asset	MFR	Model	Description	Serial No.	Due Cal
000219	AZONIX	A1011	RTD THERMOMETER	T1587-2078	24 Mar 98
000328	AZONIX	A12001	RTD TEMPERATURE PROB	351477	3 Apr 98

Certificate # 26579

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Certificate of Calibration

21 February 1997

Issued to: DARRELL DUNN DIV20 B57
Manufacturer/Model: KESSLER 76MM 1MM
Description: THERMOMETER
Serial Number: 115880
Asset Number: 003244

Environmental Conditions

Temperature: 79.0 Deg. F

Humidity: 36%

Calibration Information

Calibration was in accordance with requirements of MIL-STD-45662A and ANSI/NC SL Z540-1-1994. Measurements are traceable to the National Institute of Standards and Technology (NIST). This report may not be reproduced except in full without written approval of the originator. Inspection and test data are on file and available for inspection.

Calibration Date: 21 Feb 97

Calibration Procedure: WI-9-30-TH03

Interval: 6 months

Accuracy: MFGR SPECS

Next Calibration Due: 21 Aug 97

Received: In Tolerance

Remarks:

Standards Used

Asset	MFR	Model	Description	Serial No.	Due Cal
000219	AZONI	A1011	RTD THERMOMETER	T1587-2078	12 Mar 97
000328	AZONI	A12001	RTD TEMPERATURE PROB	351477	12 Mar 97

Certificate # 24343

Signed: 



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6220 Culebra Road
San Antonio, TX 78238
Department of Quality Assurance
Calibration Laboratory

Certificate of Calibration

9 March 1998

Issued to: DARRELL DUNN DIV20 B57
Manufacturer/Model: KESSLER ASTM 1C 76MM
Description: THERMOMETER
Serial Number: 115880
Asset Number: 003244

Environmental Conditions

Temperature: 74.00 Deg. F

Humidity: 24 % RH

Calibration Information

Calibration was in accordance with requirements of MIL-STD-45662A and ANSI/NCSL Z540-1-1994. Measurements are traceable to the National Institute of Standards and Technology (NIST). This report may not be reproduced except in full without written approval of the originator. Inspection and test data are on file and available for inspection.

The uncertainty of the calibration was sufficient to determine that the instrument met the manufacturer's specifications.

Calibration Date: 9 Mar 98

Calibration Procedure: WI-9-30-TH03

Interval: 6 months

Next Calibration Due: 9 Sep 98

Received: In Tolerance

Remarks:

Standards Used

Asset	MFR	Model	Description	Serial No.	Due Cal
000219	AZONIX	A1011	RTD THERMOMETER	T1587-2078	24 Mar 98
000328	AZONIX	A12001	RTD TEMPERATURE PROBE	351477	3 Apr 98

Signed: 

Title: 

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Certificate # 28936