

SOUTHWEST RESEARCH INSTITUTE
Department of Quality Assurance
Calibration Laboratory • 522-5215

WORK ORDER

CERTIFICATE # 28440 ASSET # 003535 DATE 12/31/97

ITEM DATA:

Manufacturer Qualum Model 14C
Description Beiger Counter Serial # 83561
Accessories _____

ACTION REQUESTED _____

CUSTODIAN David Peckett

Turned in by: _____ Phone _____

CHARGE # _____ Date Required _____

INSTRUMENT USED ON: NUCLEAR DOD NASA GLP SPPE
 OTHER _____

COPY OF CALIBRATION CERTIFICATE Yes No

CONDITION RECEIVED:

- Out of tolerance, repaired to specifications
- In tolerance, minor adjustments/repairs made
- In tolerance, no adjustments/repairs
- Out of tolerance, adjusted to specifications
- Received into system, introduced or reactivated
- Calibration interval
- Reliability code

28440

ACTION TAKEN: (Calibration/Repair/Parts) _____

CAL ENVIRONMENT:

Temperature _____ °F Humidity _____ %RH

CALIBRATED

By Danell Callie Cal Procedure _____
Date 12/31/97 Accuracy _____
Cal Interval 1yr Time to complete: _____
Next Cal due 12/31/98 Cal _____ Repair _____
Standards used (Asset#) _____

DATE COMPLETED _____

DATE PICKED UP _____ PICKED UP BY _____

SOUTHWEST RESEARCH INSTITUTE
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WORK ORDER

CERTIFICATE # 32992 ASSET # 003535 DATE 12/17/98

ITEM DATA:

Manufacturer Ludlum Model 14C
Description Geiger Counter Serial # 83561
Accessories _____

ACTION REQUESTED _____

CUSTODIAN David Pickett

Turned in by: _____ Phone _____

CHARGE # _____ Date Required _____

INSTRUMENT USED ON: NUCLEAR DOD NASA GLP SPPE
 OTHER _____

COPY OF CALIBRATION CERTIFICATE Yes No

CONDITION RECEIVED: Out of tolerance, repaired to specifications
 In tolerance, minor adjustments/repairs made
 In tolerance, no adjustments/repairs
 Out of tolerance, adjusted to specifications
 Received into system, introduced or reactivated
 Calibration interval
 Reliability code

ACTION TAKEN: (Calibration/Repair/Parts) Replaced Batteries

CAL ENVIRONMENT:
Temperature _____ °F Humidity _____ %RH

CALIBRATED
By Darnell Callie Cal Procedure _____
Date 12/17/98 Accuracy _____
Cal Interval 1yr Time to complete:
Next Cal due 12/17/99 Cal _____ Repair _____
Standards used (Asset#) _____

DATE COMPLETED _____
DATE PICKED UP _____ PICKED UP BY _____

32992

SOUTHWEST RESEARCH INSTITUTE
Department of Quality Assurance
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WORK ORDER

CERTIFICATE # 36982 ASSET # 003535 DATE 11/5/99

ITEM DATA:

Manufacturer Ludlum Model 14C
Description Heizer Counter Serial # 83561
Accessories _____

ACTION REQUESTED Change Custodian

CUSTODIAN Paul Bertelli

Turned in by: _____ Phone _____

CHARGE # _____ Date Required _____

INSTRUMENT USED ON: NUCLEAR DOD NASA GLP SPPE
 OTHER _____

COPY OF CALIBRATION CERTIFICATE Yes No

CONDITION RECEIVED: _____ Out of tolerance, repaired to specifications
_____ In tolerance, minor adjustments/repairs made
 In tolerance, no adjustments/repairs
_____ Out of tolerance, adjusted to specifications
_____ Received into system, introduced or reactivated
_____ Calibration interval
_____ Reliability code

36982

ACTION TAKEN: (Calibration/Repair/Parts) Early Calibration to coordinate calibration due dates

CAL ENVIRONMENT:
Temperature _____ °F Humidity _____ %RH

CALIBRATED
By Darnell Collier Cal Procedure _____
Date 11/5/99 Accuracy _____
Cal Interval 1yr Time to complete:
Next Cal due 11/5/00 Cal _____ Repair _____
Standards used (Asset#) _____

DATE COMPLETED _____
DATE PICKED UP _____ PICKED UP BY _____

SOUTHWEST RESEARCH INSTITUTE

Calibration Laboratory

WORK ORDER

Processed by JIBARRA at 10:59:47AM on 11/3/00

||||| ||||| ||||| ||||| ||||| ||||| |||||

Work Order **444041227**

Arrived 11/3/00

Asset No. 003535 Manufacturer LU DLUM

Model 14C

Instrument Type/Class GEIGER COUNTER

Serial No. 83561

Accessory No. _____ Calibration Procedure _____

Location B57

Div/Client DIV20

Custodian PAUL BERTETTI

Mail Stop B57

Tel. _____

Charge/Project No. 20.01402.871

Delivered By / Telephone _____

IN4CAL

Special Instructions _____

WORK NOTES

Date	Hours	Remarks/Notes
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

REPAIR PARTS

Date	Hours	Part Name	Part Number	Failure Description	Cost
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

41227

WORK SUMMARY

Failure Description N/A

Repair Action _____

Calibration Procedure NPOP-12.0-RHS-103 Temp 0 F Hum. 0 %

Tech Diane Hibbs Totals Cal Hours _____ Repair Hours _____ Parts Cost _____

Standards Used User

Date Picked Up _____

Picked Up By _____

SOUTHWEST RESEARCH INSTITUTE
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Calibration Laboratory • 522-5215

WORK ORDER

CERTIFICATE # _____ ASSET # 003535 DATE 10/31/00

ITEM DATA:

Manufacturer Ludlum Model 140

Description Geiger Counter Serial # 83561

Accessories 44-6 probe

ACTION REQUESTED Calibration

CUSTODIAN David Pickett

Turned in by: David Pickett Phone 5582

CHARGE # 20-01402.871 Date Required _____

INSTRUMENT USED ON: NUCLEAR DOD NASA GLP SPPE
 OTHER _____

COPY OF CALIBRATION CERTIFICATE Yes No

CONDITION RECEIVED: _____ Out of tolerance, repaired to specifications
_____ In tolerance, minor adjustments/repairs made
_____ In tolerance, no adjustments/repairs
_____ Out of tolerance, adjusted to specifications
_____ Received into system, introduced or reactivated
 Calibration interval
_____ Reliability code

ACTION TAKEN: (Calibration/Repair/Parts) Calibrated

CAL ENVIRONMENT:
Temperature NA °F Humidity NA %RH

CALIBRATED
By Diane Hibbs Cal Procedure NPOP-12.0-RHS-103
Date 10/31/00 Accuracy ± 20%
Cal Interval Annual Time to complete: _____
Next Cal due 10/31/01 Cal 12-hr. Repair _____
Standards used (Asset#) _____

DATE COMPLETED 10-31-00
DATE PICKED UP 11-1-00 PICKED UP BY David Pickett

SOUTHWEST RESEARCH INSTITUTE
Department of Quality Assurance
Calibration Laboratory • 522-5215

WORK ORDER

CERTIFICATE # _____ ASSET # 003535 DATE 12-13-01

ITEM DATA:

Manufacturer Ludlum Model 14C
Description Geiger Counter Serial # 83561
Accessories 44-6 probe

ACTION REQUESTED Calibration

CUSTODIAN Paul Bertetti

Turned in by: Paul Bertetti Phone 5228

CHARGE # 1.20.0751.006 Date Required _____

INSTRUMENT USED ON: NUCLEAR DOD NASA GLP SPPE
 OTHER _____

COPY OF CALIBRATION CERTIFICATE Yes No

CONDITION RECEIVED: _____ Out of tolerance, repaired to specifications
_____ In tolerance, minor adjustments/repairs made
_____ In tolerance, no adjustments/repairs
_____ Out of tolerance, adjusted to specifications
_____ Received into system, introduced or reactivated
 Calibration interval
_____ Reliability code

ACTION TAKEN: (Calibration/Repair/Parts) Calibrated

CAL ENVIRONMENT:
Temperature NA °F Humidity NA %RH

CALIBRATED
By Diane Hibbs Cal Procedure NPOR 12.0-RHS-103
Date 12-13-01 Accuracy _____
Cal Interval Annual Time to complete: _____
Next Cal due 12-13-02 Cal 1/2 hr. Repair
Standards used (Asset#) _____

DATE COMPLETED 12-13-01
DATE PICKED UP 12-13-01 PICKED UP BY Paul Bertetti