

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

WORK ORDER

CERTIFICATE # 28438 ASSET # 3501 DATE 12/31/97

ITEM DATA:

Manufacturer Ludlum Model 177-45
Description Grisher Serial # 59298
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

28438

ACTION TAKEN: (Calibration/Repair/Parts) _____

CAL ENVIRONMENT:
Temperature _____ °F Humidity _____ %RH

CALIBRATED
By Darnell Callier 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 # 32987 ASSET # 003501 DATE 12/17/98

ITEM DATA:

Manufacturer Ludlum Model ~~25999~~ 177-45
Description Frisker Serial # 59298
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

32987

ACTION TAKEN: (Calibration/Repair/Parts) _____

CAL ENVIRONMENT:
Temperature _____ °F Humidity _____ %RH

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

DATE COMPLETED _____
DATE PICKED UP _____ PICKED UP BY _____

SOUTHWEST RESEARCH INSTITUTE
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WORK ORDER

CERTIFICATE # 26980 ASSET # 003501 DATE 11/5/99

ITEM DATA:

Manufacturer Ludlum Model 177-45
Description Trucker Serial # 59292
Accessories _____

ACTION REQUESTED Change Custodian

CUSTODIAN David Pickett Paul Butetti

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

36980

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

CAL ENVIRONMENT:
Temperature _____ °F Humidity _____ %RH

CALIBRATED
By Dannell 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 RCRUZ at 1:10:50PM on 11/7/00

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

Work Order **444041313**

Arrived 11/7/00

Asset No. 003501 Manufacturer LUIDLUM

Model 177-45

Instrument Type/Class FRISKER

Serial No. 59298

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
<u>11-7-00</u>	_____	<u>Update Cal. record. Calibrated by user</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

444041313

REPAIR PARTS

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

WORK SUMMARY

Failure Description ~h

Repair Action _____

Calibration Procedure NPO9-12.0-RHS-102 Temp ~hF Hum. ~h%

Tech Diame Hibbs (user) Totals Cal Hours _____ Repair Hours _____ Parts Cost _____

Standards Used User.

Date Picked Up _____

Picked Up By _____

Completed by F. Cruz.

SOUTHWEST RESEARCH INSTITUTE
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WORK ORDER

CERTIFICATE # _____ ASSET # 003501 DATE 11-3-00

ITEM DATA:

Manufacturer Ludlum Model 177-45

Description Frisker Serial # 59298

Accessories none

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-102
Date 11-3-00 Accuracy _____
Cal Interval Annual Time to complete:
Next Cal due 11-3-01 Cal 1/2 hr. Repair _____
Standards used (Asset#) _____

DATE COMPLETED 11-3-00
DATE PICKED UP David Pickett PICKED UP BY David Pickett