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NRC FORM 313 (3-2009) 10 CFR 30, 32, 33, 34, 35, 36, 39, and 40	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0120 EXPIRES: 3/31/2012
<h2 style="margin: 0;">APPLICATION FOR MATERIALS LICENSE</h2>		
Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.		

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH: OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001 ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS: IF YOU ARE LOCATED IN: ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO: LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406-1415	IF YOU ARE LOCATED IN: ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO: MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4352 ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO: NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 612 E. LAMAR BOULEVARD, SUITE 400 ARLINGTON, TX 76011-4125
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PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR <i>(Check appropriate item)</i> <input type="checkbox"/> A. NEW LICENSE <input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER _____ <input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>11-27540-01</u>	2. NAME AND MAILING ADDRESS OF APPLICANT <i>(Include ZIP code)</i> Kleinfelder, Inc. 3077 Fite Circle Sacramento CA 95827 <div style="text-align: right; font-weight: bold; font-size: 1.2em;">RECEIVED</div> <div style="text-align: right; font-weight: bold; font-size: 1.2em;">JUL 29 2011</div>
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED Portugues Dam Project, Carr. 10 km 5.5, Ponce, PR 00731 600 Harmon Loop Road, Ste. 108, Guam Temporary job sites anywhere in the US where the NRC maintains jurisdiction	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Julie Ster TELEPHONE NUMBER <div style="text-align: center; font-weight: bold; font-size: 1.2em;">(916) 366-2446</div>
SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.	
5. RADIOACTIVE MATERIAL a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.	6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.	8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.
9. FACILITIES AND EQUIPMENT.	10. RADIATION SAFETY PROGRAM.
11. WASTE MANAGEMENT.	12. LICENSE FEES <i>(See 10 CFR 170 and Section 170.31)</i> FEE CATEGORY _____ AMOUNT ENCLOSED \$ _____
13. CERTIFICATION. <i>(Must be completed by applicant)</i> THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.	
CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE Julie Ster, Corporate Radiation Safety Officer	SIGNATURE DATE <div style="text-align: right; font-weight: bold;">07/28/2011</div>

FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

No. 575716

**ADDENDUM TO KLEINFELDER, INC. RADIOACTIVE MATERIAL LICENSE
APPLICATION (RENEWAL OF LICENSE #11-27540-01)**

Section 5

Byproduct, Source, and/or Special Nuclear Material	Chemical and/or Physical Form	Possession Limit
A. Cesium-137	A. Sealed sources (AEA Technology/QSA, Inc., Model No. CDCW556; or Isotope Products Laboratories Model N. HEG-137)	A. 9 millicuries per source and 207 millicuries total
B. Americium-241	B. Sealed neutron sources (AEA technology/QSA, Inc., Model No. AMNV. 997; or Isotope Products Laboratories Model Nos. AM1, NO2, 3021 or 3027)	B. 44 millicuries per source and 1,012 curies total
C. Cesium-137	C. Sealed sources (CPN International, Inc., Model CPN-131)	C. 10 millicuries per source and 90 millicuries total
D. Americium-241	D. Sealed neutron source (CPN International, Inc. Model CPN-131)	D. 50 millicuries per source and 450 millicuries total

Section 6

- A. and B. To be used in Troxler Electronic Laboratories, Model 3400 series portable gauging devices for measuring physical properties of materials.
- C. and D. To be used in CPN International, Inc., Model MC series Portaprobe portable gauging devices for measuring physical properties of materials

Section 7

Julie Ster is the Radiation Safety Officer. Attached is a copy of her gauge training and RSO training certificates.

Section 8

Puerto Rico location

Ken Yoder, ARSO

Jim Sweeney

Ruben Torres

Guam location

Catherine (Haynes) Ellis, ARSO

Alan Denger

Section 9

Facilities and equipment

Kleinfelder, Inc. commits to proper posting requirements at all storage locations. Only authorized gauge users have access to gauge storage cabinets.

Section 10

A copy of Kleinfelder's radiation safety program is attached.

Audit Program

Kleinfelder, Inc. commits to conducting annual in-house audits at all storage locations.

Termination of Activities

The Nuclear Materials Licensing Branch, U.S. Nuclear Regulatory Commission will be notified in writing prior to vacating or relocating a storage area.

Survey Instruments

Kleinfelder, Inc. possesses and will use, or will have access to and use, a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program – Instruments" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.

Material Receipt and Accountability

Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.

Occupational Dosimetry

Kleinfelder, Inc. will provide dosimetry processed and evaluated by an NVLAP-approved processor that is exchanged at a frequency recommended by the processor. Kleinfelder, Inc. uses thermoluminescent dosimeters (TLD) badges. Badges are exchanged quarterly.

- NVLAP approved supplier is
 - Radiation Detection Company (RDC), 8095 Camino Arroyo, Gilroy CA 95020, Phone (408) 842-2700

Operating and Emergency Procedures

Kleinfelder, Inc. has implemented and will continue to maintain Operating and Emergency Procedures in accordance with Appendix H of NUREG-1556, Vol. 1, Rev. 1, dated November 2001. Copies of these procedures will continue to be provided to all gauge users and at each job site.

Leak Tests

Leak tests will be performed at intervals approved by NRC or an Agreement State and specified in the Sealed Source and Device Registration Sheet. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions.

Maintenance – Routine Cleaning and Lubrication

Kleinfelder, Inc. has implemented and will continue to maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.

Maintenance – Non-Routine Maintenance

Kleinfelder, Inc. will send gauges to the manufacturer or other person authorized by NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.

Transportation Procedures

Gauges will be secured in Department of Transportation approved packages. Department of Transportation and NRC transportation security requirements are complied with when gauges are being transported. Shipping papers, a copy of the

license, an instruction manual, and emergency procedures are carried in the vehicle. Initial HAZMAT transportation training is given by an NRC authorized trainer. Three year refresher HAZMAT transportation training is given in-house. In a case of theft, or loss of a gauge, the Nuclear Materials Licensing Branch of the NRC will be notified within 24 hours. Local law enforcement will be notified immediately. Utilization in/out logs include serial number, operator's full name, date checked out, destination and date of return.

Section 11

If waste disposal is required, the gauge will be returned to the manufacturer or transferred to another specific licensee of the US Nuclear Regulatory Commission or an Agreement State. Receipt records will be kept on file.



Nuclear Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region IV
612 E. Lamar Blvd., Suite 400
Arlington, TX 76011-4125

Dear Sirs,

This letter is to inform you of Kleinfelder's designation of Ms. Julie Ster of our Sacramento, CA office as our Corporate Radiation Safety Officer. Ms. Ster will continue to be a direct report to me, but will be taking on responsibility for the administration and support of our Corporate Radiation Safety Program nationally across our company. Ms. Ster is authorized to perform duties consistent with her role on Kleinfelder's behalf, and will continue to be the primary point of contact for radiation safety and compliance issues within the organization.

If you have any questions or concerns, please do not hesitate to contact me at (609)-462-7775 or via e-mail at rbenamati@kleinfelder.com at any time.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Benamati", with a long horizontal flourish extending to the right.

Robert R. Benamati
Vice President, Health and Safety
Kleinfelder

Certificate of Completion

This certifies that

Julie Ster

has successfully completed the

Radiation Safety Officer Class

conducted by the training department of

Troxler Electronic Laboratories, Inc.

Steve Tucker
Instructor

3/3/05
Date

William F. Troxler, Jr.
President



Troxler Electronic Laboratories, Inc.
PO Box 12057 • 3008 Cornwallis Rd. • Research Triangle Park, NC 27709
Phone: (919) 549-8661 • Fax: (919) 549-0761 • Web site: www.troxlerlabs.com

Enrollment ID: 11403

Certificate of Completion

This certifies that

Julie Ster

has successfully completed the

Nuclear Gauge Safety Training Class

conducted by the training department of

Troxler Electronic Laboratories, Inc.

Ken Brown Jr.
Ken Brown Jr.
Instructor

1/27/2005
Date

William F. Troxler, Jr.
President



Troxler Electronic Laboratories, Inc.

PO Box 12057 • 3008 Cornwallis Rd. • Research Triangle Park, NC 27709

Phone: (919) 549-8661 • Fax: (919) 549-0761 • Web site: www.troxlerlabs.com

Enrollment ID: 11401

InstroTek, Inc.

Nuclear Gauge Safety Training

Kenneth Yoder

Has successfully completed a certified course on radiation safety, transport and operation of instruments using gamma and neutron radiation to measure the physical properties of construction materials.

Subjects included were:

Types and basic units of ionizing radiation
Calculations related to radiation safety
Biological effects of radiation
Methods of protection
Leak testing procedure
Procedures for safe transport and storage
Federal and State Regulations

Accident prevention and procedures
Instrument theory and operation
Limitations of field maintenance
Instrument standardization and calibration
Test site selection and preparation
Field operation and calculations
Types and reasons for measurement errors



**InstroTek[®]
Inc.**

**InstroTek, Inc.
5908 Triangle Dr.
Raleigh, NC 27617
(919) 875-8371**


**Instructor: Dr. Larry James
Date of Training: 6/12/2010
Location: Raleigh, NC**

InstroTek, Inc.
Radiation Safety Officer Training

Kenneth Yoder

Has successfully completed a certified course on the responsibilities of Radiation Safety Officer for portable nuclear gauges using special form nuclear material.

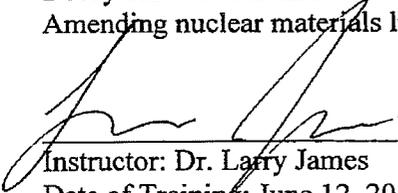
Subjects included were:

Responsibilities of Radiation Safety Officer
Commercial shipping of portable nuclear gauges
Applicable 10 CFR Regulations
Portable nuclear gauge security
Records for tracking and logging portable gauges
Unit Conversions
Applying for nuclear materials license

Radiation Safety Program
Applicable 49 CFR Regulations
NUREG 1556 Vol. 1 Rev. 1
Records for Dosimetry
Dose calculations and calculators
Decay calculations and calculators
Amending nuclear materials license



InstroTek, Inc.
5908 Triangle Dr.
Raleigh, NC 27617
(919) 875-8371


Instructor: Dr. Larry James
Date of Training: June 12, 2010
Location: Raleigh, NC

InstroTek, Inc.

Nuclear Gauge Safety Training

Rubin Torres

Has successfully completed a certified course on radiation safety, transport and operation of instruments using gamma and neutron radiation to measure the physical properties of construction materials.

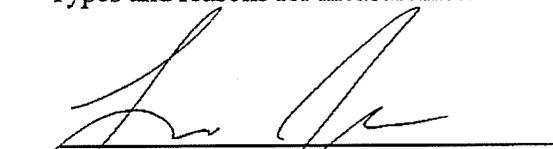
Subjects included were:

Types and basic units of ionizing radiation
Calculations related to radiation safety
Biological effects of radiation
Methods of protection
Leak testing procedure
Procedures for safe transport and storage
Federal and State Regulations

Accident prevention and procedures
Instrument theory and operation
Limitations of field maintenance
Instrument standardization and calibration
Test site selection and preparation
Field operation and calculations
Types and reasons for measurement errors



InstroTek, Inc.
5908 Triangle Dr.
Raleigh, NC 27617
(919) 875-8371



Instructor: Dr. Larry James
Date of Training: 6/12/2010
Location: Raleigh, NC

InstroTek, Inc.

Nuclear Gauge Safety Training

Jim Sweeney

Has successfully completed a certified course on radiation safety, transport and operation of instruments using gamma and neutron radiation to measure the physical properties of construction materials.

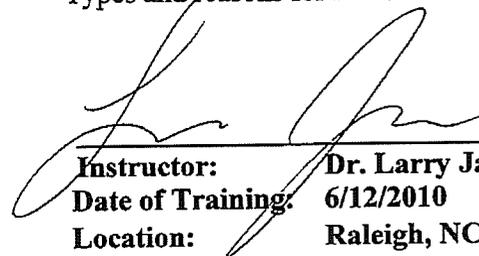
Subjects included were:

Types and basic units of ionizing radiation
Calculations related to radiation safety
Biological effects of radiation
Methods of protection
Leak testing procedure
Procedures for safe transport and storage
Federal and State Regulations

Accident prevention and procedures
Instrument theory and operation
Limitations of field maintenance
Instrument standardization and calibration
Test site selection and preparation
Field operation and calculations
Types and reasons for measurement errors



InstroTek, Inc.
5908 Triangle Dr.
Raleigh, NC 27617
(919) 875-8371


Instructor: **Dr. Larry James**
Date of Training: **6/12/2010**
Location: **Raleigh, NC**



*RADIATION
SAFETY OFFICER
TRAINING*



This is to certify that

Catherine H. Ellis

has successfully completed a four hour Radiation Safety Officer seminar, for the use of portable nuclear devices. The seminar covered:

*Duties and Responsibilities
Radiation Safety Review
Regulations Review
Radiation Safety Plan*

*Storage Design
Survey Meter Measurements
ALARA Responsibilities
Working Documents*

*Emergency Response
Records
Inspections
Check List*

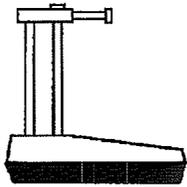
Pacific Nuclear Technology Co.

California License Number 5634-07

Date: July 8, 2010
Certificate Number: 16554

Mark Stumpe
Instructor:

RETAIN A COPY FOR REVIEW BY REGULATORY AGENCY



NUCLEAR GAUGE OPERATOR TRAINING



This is to certify that

Catherine L. Haynes

has successfully completed an eight hour user's course, as required by the United States Nuclear Regulatory Commission and the Agreement States, in the Fundamentals of Radiation Safety and Gauge Operation, for the use of portable moisture density gauges. The course covered:

*Atomic Physics
Radiation Safety
Dose/Shielding Calculations
Accidents/Storage*

*Transportation
Risk
ALARA
Measurement Theory*

*Operation
Field Applications
Calibration
Maintenance*

Pacific Nuclear Technology Co.

California License Number 5634-07

Date : August 16, 1995
Certificate Number : 11330


Instructor : William Mancuso

RETAIN A COPY FOR REVIEW BY REGULATORY AGENCY

No 33010

Certificate Of Completion

This is to certify that Alan R. Denger has completed the
basic CPN® training course on Radiation Safety and Use of Nuclear Gauges,
held this 25th day of August 1999 in the
City of San Clemente State of CA by CPN International.

CPN International, Inc.
2830 Howe Road
Martinez, CA 94553 USA
Phone: (925) 228-9770
Fax: (925) 228-3183



Charles D. Cherry
INSTRUCTOR
Douglas Carter
RADIATION SAFETY OFFICER



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

August 1, 2011

Kleinfelder, Inc.
ATTN: Julie Ster
Corporate Radiation Safety Officer
3077 Fite Circle
Sacramento, California 95827

SUBJECT: DEEMED TIMELY LETTER

We acknowledge receipt of your application dated July 28, 2011, requesting your byproduct materials license be renewed. Your application is deemed timely filed and, accordingly, the license will not expire until final action has been taken by this office.

We have completed a preliminary review of your submittal. This review was cursory in nature and should not be considered a complete technical review. A complete technical review of the submitted information will be conducted within 180 days.

Any correspondence regarding this application should reference the identifying numbers specified below. If you have questions or require clarification on any of the information stated above, we encourage you to contact us at (817) 860-8140. Thank you for your cooperation.

Sincerely,

Carol L. Hill
Licensing Assistant
Division of Nuclear Materials Safety
Branch-B

Docket: 030-34121
License: 11-27540-01
Control: 575716

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM LTS

Program Code: 03121
Status Code: Pending Renewal
Fee Category: 3P
Exp. Date:
Fee Comments:
Decom Fin Assur Req: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: KLEINFELDER, INC.
Received Date: 07/29/2011
Docket Number: 3034121
Mail Control Number: 575716
License Number: 11-27540-01
Action Type: Renewal

2. FEE ATTACHED

Amount: _____

Check No.: _____

3. COMMENTS

Signed: Carol L Heice

Date: 8/1/11

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / /)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment: _____

Renewal: _____

License: _____

3. OTHER _____

Signed: _____

Date: _____

From: (916) 366-2446
Julie Ster
Kleinfelder
3077 Fite Circle
Sacramento, CA 95827

Origin ID: MHRA



Ship Date: 28JUL11
ActWgt: 2.0 LB
CAD: 4306082/INET3180

Delivery Address Bar Code

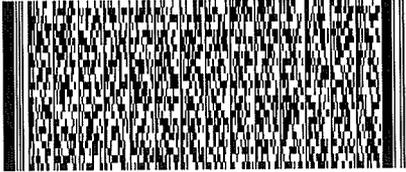


Ref # 09088GA
Invoice #
PO #
Dept #

SHIP TO: (301) 415-6055
BILL SENDER
U.S. NRC, Region IV
Nuclear Materials Licensing Branch
612 E LAMAR BLVD STE 400
ARLINGTON, TX 76011

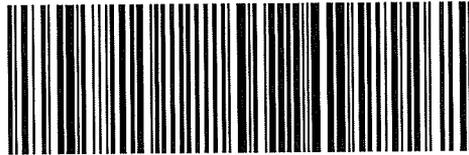
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STANDARD OVERNIGHT

TRK# 7950 2392 6016
0201



XH FWHA

76011
TX-US
DFW



50FG2/F556/F5F4

RECEIVED

JUL 29 2011

DNMS

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

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