



## ASBESTOS INSPECTION REPORT

*Project*

**Vinson Library  
3100 West Fuqua  
Houston, Texas 77045**

*Prepared by*

**TexStar Labs, LLC  
14210 Hirschfield Road  
Tomball Texas 77377  
(281) 890-8170  
www.texstarlabs.net**

---

**L. D. Neidigk – Asbestos Consultant  
60-2686, Expires: 02/09/12**

---

**Scott A. Neidigk  
President**

*Prepared for:*

**SSCI  
17041 El Camino Real Ste.200  
Houston, TX 77058**

**June 28, 2010**

# ***ASBESTOS SITE INSPECTION REPORT***

## ***TABLE OF CONTENTS***

Executive Summary

1.0 Purpose of Site Inspection

2.0 Building Description

3.0 Locations of Asbestos-Containing Building Materials (ACMs)

4.0 Variations

5.0 Remarks

6.0 Recommended Response Actions

### ***APPENDICES***

Laboratory Bulk Sample Analyses

Photographs

Licenses

# ASBESTOS SITE INSPECTION REPORT

*CLIENT:* SSCI – Vinson Library  
*DATE:* June 28, 2010  
*BUILDING:* 3100 West Fuqua, Houston, Texas 77045

*INSPECTOR/REPORT WRITING:*

Lester D. Neidigk



TDH INSPECTOR # 60-2686

## EXECUTIVE SUMMARY

On June 22, 2010 TexStar Labs performed a limited inspection for asbestos at Vinson Library located at 3100 West Fuqua, Houston, Texas 77045. During the asbestos survey, a total of thirty (30) samples were collected according to the Texas Asbestos Health Protection Rules as written by the Texas Department of State Health Services.

### 1.0 PURPOSE OF SITE INSPECTION

TexStar Labs was retained by SSCI to perform an inspection for asbestos at Vinson Library located at 3100 West Fuqua, Houston, Texas 77045. During the asbestos survey, a total of thirty (30) samples were collected according to the Texas Asbestos Health Protection Rules as written by the Texas Department of State Health Services. The purpose of the site inspection was to identify suspect asbestos-containing building materials (ACMs) and to perform bulk sampling of those suspect materials to determine the presence, physical condition and quantities of the ACMs for a renovation project.

The site inspection included collecting bulk samples of all known suspect materials in all homogenous categories. The building was designed and built in one phase and therefore treated as homogenous. TexStar Labs took into consideration new construction and any other details we were provided by our client. TexStar Labs has attempted to exercise reasonable efforts to accomplish the investigation objectives, applying professional standards applicable to similar work performed in the industry today.

The samples were submitted to Environmental Analytical Services, LLC. for analysis where they were first examined for homogeneity and preliminary fiber identification by stereomicroscope. They were then analyzed by Polarized Light Microscopy (PLM) with dispersion staining at 100X magnification in accordance with the EPA's "Method for the Determination of Asbestos in Bulk Building Materials" (EPA-600/R-93/116). Percentages for the samples were determined by visual estimation. The lower detection limit for this method is one percent (1%). Confirmed ACMs are categorized as friable or non-friable. Friable ACBMs means any material containing more than one percent (1%) asbestos as determined by the reference method listed above that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Non-friable ACBMs means any material containing one percent (1%) or more asbestos as determined by the reference method listed above that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

## **2.0 BUILDING DESCRIPTION**

The building inspected is a single-story commercial type building built of steel type construction on concrete slab foundation with a flat type roof and brick siding for the exterior walls. The interior walls are finished with drywall. The interior flooring consists of 12 x 12 floor tile and carpet. The central HVAC system is above the ceiling with ducts leading to each area.

## **3.0 LOCATIONS OF ASBESTOS-CONTAINING BUILDING MATERIALS**

<b><u>Sample</u></b>	<b><u>Description</u></b>	<b><u>% of Asbestos</u></b>	<b><u>LF</u></b>
13-15	Pipe Insulation	5% Chrysotile	+/- 200

\* All quantities are estimates only.

## **4.0 VARIATIONS**

The following materials had less than 1% percent asbestos content or no asbestos detected. (See laboratory analysis for additional information.)

<b><u>Sample</u></b>	<b><u>Description</u></b>	<b><u>% of Asbestos</u></b>
1-3	1' x 1' Ceiling Tile	None Detected
4-6	Ceiling Insulation	None Detected
7-9	9x9 Black Floor Tile/Mastic	None Detected
10-12	Drywall/Texture – office	None Detected
16-18	Cove Mastic Black	None Detected
19-21	Duct Mastic Black	None Detected
22-24	Plaster	None Detected

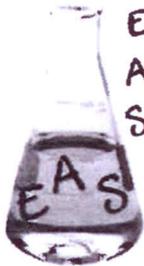
## **5.0 REMARKS**

This survey is appropriate for renovation or removal of all materials tested. No demolition was conducted during the survey. There may be hidden suspect materials located inside the walls not able to be accessed during the survey. If during renovations a suspect material is uncovered that has not been sampled, stop work and have the material tested for asbestos or assume the material is asbestos containing and remove as asbestos.

## **6.0 RECOMMENDED RESPONSE ACTIONS**

The asbestos containing materials should only be disturbed or removed by a licensed asbestos abatement contractor under the supervision of a licensed asbestos consulting agency. An O&M plan needs to be developed to manage the asbestos in place until the asbestos materials can be removed. No additional actions are recommended unless additional suspect materials are discovered during renovations. If suspect materials not sampled are discovered during renovations, all work must stop until sampling can be conducted verifying asbestos content.

**Appendix A**  
**Laboratory Results**



**Environmental  
Analytical  
Services, LLC**

13201 Northwest Freeway Suite 503  
Houston, Texas 77040  
Phone: 281-850-4892 / Fax: 713-934-9942  
E-Mail: easlabs@aol.com

**Polarized Light Microscopy Analysis  
(EPA-600/M4-82-020; 600/R-93/116)**

Texstar Labs  
14210 Hirschfield  
Tomball, Texas 77377

Project:  
Vinson

Date Analyzed: June 25, 2010

Date Received: June 22, 2010

Phone: 281-890-8170  
Fax: 281-890-2827

Job: 706.390  
Attn: Mr. Scott Neidigk

Microscope: Olympus-CH-40  
Analysis Time Requested:

Sample#	Layer	Sample Description	Homo- Geneous (Y/N)	Asbestos Detected? Yes/No	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
#1	A	White/Gray Ceiling Tile	YES	NO	None Detected	40% Fiberglass	60% Other
#2	A	White/Gray Ceiling Tile	YES	NO	None Detected	40% Fiberglass	60% Other
#3	A	White/Gray Ceiling Tile	YES	NO	None Detected	40% Fiberglass	60% Other
#4	A	Brown Insulation	YES	NO	None Detected	100% Fiberglass	
#5	A	Brown Insulation	YES	NO	None Detected	100% Fiberglass	
#6	A	Brown Insulation	YES	NO	None Detected	100% Fiberglass	
#7	A	Black Floor Tile	YES	NO	None Detected		100% Other
	B	Yellow Mastic	YES	NO	None Detected	2% Cellulose	98% Other
#8	A	Black Floor Tile	YES	NO	None Detected		100% Other

NVLAP # 200784-0  
DSHS #300373 Control # 95392  
Page 1 of 5

Notes:

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test reports relates only to the items tested. Neither NVLAP nor EPA accreditation implies endorsement by any US Government agency. This report may not be reproduced except in full without written permission from Environmental Analytical Services.

These results are submitted pursuant to EAS current terms and condition of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, EAS will store the samples for a period of ninety (90) days before discarding. Percent ranges reported are estimates and not absolute percent range values.

Analyzed by:

  
Arthur Hernandez

Approved Signatory:

  
Lisa Crain



**Environmental  
Analytical  
Services, LLC**

13201 Northwest Freeway Suite 503  
Houston, Texas 77040  
Phone: 281-850-4892 / Fax: 713-934-9942  
E-Mail: easlabs@aol.com

**Polarized Light Microscopy Analysis**  
(EPA-600/M4-82-020; 600/R-93/116)

Texstar Labs  
14210 Hirschfield  
Tomball, Texas 77377

Project:  
Vinson

Date Analyzed: June 25, 2010

Date Received: June 22, 2010

Phone: 281-890-8170  
Fax: 281-890-2827

Job: 706.390  
Attn: Mr. Scott Neidigk

Microscope: Olympus-CH-40  
Analysis Time Requested:

Sample#	Layer	Sample Description	Homo- Geneous (Y/N)	Asbestos Detected? Yes/No	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
#8	B	Yellow Mastic	YES	NO	None Detected	2% Cellulose	98% Other
#9	A	Black Floor Tile	YES	NO	None Detected		100% Other
	B	Yellow Mastic	YES	NO	None Detected	2% Cellulose	98% Other
#10	A	Black Floor Tile	YES	NO	None Detected		100% Other
	B	Yellow Mastic	YES	NO	None Detected	2% Cellulose	98% Other
#11	A	Black Floor Tile	YES	NO	None Detected		100% Other
	B	Yellow Mastic	YES	NO	None Detected	2% Cellulose	98% Other
#12	A	Black Floor Tile	YES	NO	None Detected		100% Other
	B	Yellow Mastic	YES	NO	None Detected	2% Cellulose	98% Other

NVLAP # 200784-0  
DSHS #300373 Control # 95392  
Page 2 of 5

Notes:

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test reports relates only to the items tested. Neither NVLAP nor EPA accreditation implies endorsement by any US Government agency. This report may not be reproduced except in full without written permission from Environmental Analytical Services.

These results are submitted pursuant to EAS current terms and condition of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, EAS will store the samples for a period of ninety (90) days before discarding. Percent ranges reported are estimates and not absolute percent range values.

Analyzed by:

  
Arthur Hernandez

Approved Signatory:

  
Lisa Crain



**Environmental  
Analytical  
Services, LLC**

13201 Northwest Freeway Suite 503  
Houston, Texas 77040  
Phone: 281-850-4892 / Fax: 713-934-9942  
E-Mail: easlabs@aol.com

**Polarized Light Microscopy Analysis  
(EPA-600/M4-82-020; 600/R-93/116)**

Texstar Labs  
14210 Hirschfield  
Tomball, Texas 77377

Project:  
Vinson

Date Analyzed: June 25, 2010

Date Received: June 22, 2010

Phone: 281-890-8170  
Fax: 281-890-2827

Job: 706.390  
Attn: Mr. Scott Neidigk

Microscope: Olympus-CH-40  
Analysis Time Requested:

Sample#	Layer	Sample Description	Homo- Geneous (Y/N)	Asbestos Detected? Yes/No	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
#13	A	Gray Insulation	YES	YES	5% Chrysotile	40% Fiberglass	55% Other
#14&#15					Not Analyzed Positive Stop		
#16	A	Black Cove Base	YES	NO	None Detected		100% Other
	B	Tan Mastic	YES	NO	None Detected	2% Cellulose	98% Other
#17	A	Black Cove Base	YES	NO	None Detected		100% Other
	B	Tan Mastic	YES	NO	None Detected	2% Cellulose	98% Other
#18	A	Black Cove Base	YES	NO	None Detected		100% Other
	B	Tan Mastic	YES	NO	None Detected	2% Cellulose	98% Other
#19	A	Black Mastic	YES	NO	None Detected	20% Cellulose 20% Fiberglass	60% Other

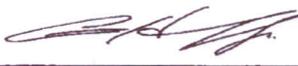
NVLAP # 200784-0  
DSHS #300373 Control # 95392  
Page 3 of 5

Notes:

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test reports relates only to the items tested. Neither NVLAP nor EPA accreditation implies endorsement by any US Government agency. This report may not be reproduced except in full without written permission from Environmental Analytical Services.

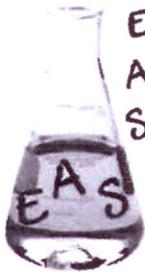
These results are submitted pursuant to EAS current terms and condition of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, EAS will store the samples for a period of ninety (90) days before discarding. Percent ranges reported are estimates and not absolute percent range values.

Analyzed by:

  
Arthur Hernandez

Approved Signatory:

  
Lisa Crain



**Environmental  
Analytical  
Services, LLC**

**13201 Northwest Freeway Suite 503  
Houston, Texas 77040  
Phone: 281-850-4892 / Fax: 713-934-9942  
E-Mail: easlabs@aol.com**

**Polarized Light Microscopy Analysis  
(EPA-600/M4-82-020; 600/R-93/116)**

**Texstar Labs  
14210 Hirschfield  
Tomball, Texas 77377**

**Project:  
Vinson**

**Date Analyzed: June 25, 2010**

**Date Received: June 22, 2010**

**Phone: 281-890-8170  
Fax: 281-890-2827**

**Job: 706.390  
Attn: Mr. Scott Neidigk**

**Microscope: Olympus-CH-40  
Analysis Time Requested:**

Sample#	Layer	Sample Description	Homo- Geneous (Y/N)	Asbestos Detected? Yes/No	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
#20	A	Black Mastic	YES	NO	None Detected	20% Cellulose 20% Fiberglass	60% Other
#21	A	Black Mastic	YES	NO	None Detected	20% Cellulose 20% Fiberglass	60% Other
#22	A	White/Tan Plaster	YES	NO	None Detected		30% Quartz 70% Other
#23	A	White/Tan Plaster	YES	NO	None Detected		30% Quartz 70% Other
#24	A	White/Tan Plaster	YES	NO	None Detected		30% Quartz 70% Other
#25	A	Gray Roofing Material	YES	NO	None Detected	2% Cellulose	98% Other
#26	A	Gray Roofing Material	YES	NO	None Detected	2% Cellulose	98% Other
#27	A	Gray Roofing Material	YES	NO	None Detected	2% Cellulose	98% Other
#28	A	Black Mastic Wrapping	YES	NO	None Detected	5% Cellulose 5% Fiberglass	90% Other

NVLAP # 200784-0  
DSHS #300373 Control # 95392  
Page 4 of 5

**Notes:**

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test reports relates only to the items tested. Neither NVLAP nor EPA accreditation implies endorsement by any US Government agency. This report may not be reproduced except in full without written permission from Environmental Analytical Services.

These results are submitted pursuant to EAS current terms and condition of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, EAS will store the samples for a period of ninety (90) days before discarding. Percent ranges reported are estimates and not absolute percent range values.

**Analyzed by:**

  
**Arthur Hernandez**

**Approved Signatory:**

  
**Lisa Crain**



**Environmental  
Analytical  
Services, LLC**

13201 Northwest Freeway Suite 503  
Houston, Texas 77040  
Phone: 281-850-4892 / Fax: 713-934-9942  
E-Mail: easlabs@aol.com

**Polarized Light Microscopy Analysis**  
(EPA-600/M4-82-020; 600/R-93/116)

Texstar Labs  
14210 Hirschfield  
Tomball, Texas 77377

Project:  
Vinson

Date Analyzed: June 25, 2010

Date Received: June 22, 2010

Phone: 281-890-8170  
Fax: 281-890-2827

Job: 706.390  
Attn: Mr. Scott Neidigk

Microscope: Olympus-CH-40  
Analysis Time Requested:

Sample#	Layer	Sample Description	Homo- Geneous (Y/N)	Asbestos Detected? Yes/No	Asbestos Mineral Percent	Non-Asbestos Fibers	Non-Fibrous Material
#28	B	Brown Insulation	YES	NO	None Detected	100% Fiberglass	
#29	A	Black Mastic	YES	NO	None Detected	5% Cellulose 5% Fiberglass	90% Other
	B	Brown Insulation	YES	NO	None Detected	100% Fiberglass	
#30	A	Black Mastic	YES	NO	None Detected	5% Cellulose 5% Fiberglass	90% Other
	B	Brown Insulation	YES	NO	None Detected	100% Fiberglass	

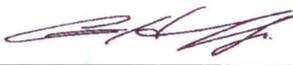
NVLAP # 200784-0  
DSHS #300373 Control # 95392  
Page 5 of 5

Notes:

Some samples (floor tiles, surfacing, etc.) may contain fibers too small to be detectable by PLM. TEM Chatfield analysis of bulk material is recommended in this case. All asbestos percentages are based on calibrated visual estimates traceable to NIST standards for regulated asbestos types. Analysts' percentages fall within a range of acceptable percentages, depending on the actual concentration of asbestos. This test reports relates only to the items tested. Neither NVLAP nor EPA accreditation implies endorsement by any US Government agency. This report may not be reproduced except in full without written permission from Environmental Analytical Services.

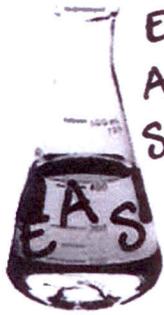
These results are submitted pursuant to EAS current terms and condition of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, EAS will store the samples for a period of ninety (90) days before discarding. Percent ranges reported are estimates and not absolute percent range values.

Analyzed by:

  
Arthur Hernandez

Approved Signatory:

  
Lisa Crain



**Environmental  
Analytical  
Services, LLC**

13201 Northwest Freeway Suite 503  
Houston, Texas 77040  
(713) 343-4017 • Fax (713) 934-9942  
E-mail [easlabs@aol.com](mailto:easlabs@aol.com)  
Lone Star Overnight Account #123757

**CHAIN OF CUSTODY**

Texstar Labs 14210 Hirschfield Tomball, Texas 77377	Project Name/Address: <i>VINSON</i>	EAS Job # <b>706.390</b>
Number & Type of Sample:	Project Number	P.O. Number

**TURNAROUND TIME:**     2 Hour     8 Hour     < 24 HOURS    (Rush)  
 2 Day     3 DAY     5 DAY (ROUTINE)

OTHER: *POSITIVE SOAP*  
(Specify)

(NOTE: All Turnaround Times are Based on the Date / Time the Sample is Received by the Laboratory)

Contact Person: **Scott Neidigk or Dale Neidigk or Cynthia Dupree**  
Phone: (281) 890-8170    Fax: (281) 890-2827  
E-Mail: [san2bme@yahoo.com](mailto:san2bme@yahoo.com)  
Email: [Cynthia@texstarlabs.net](mailto:Cynthia@texstarlabs.net)

Special Instructions: \_\_\_\_\_

SAMPLE NUMBER	LOCATION	SAMPLE DESCRIPTION (See attached description) Volume
#1	<i>ixi CEILING TILE</i>	<i>BULK</i>
#2	↓ ↓ ↓	
#3	↓ ↓ ↓	
#4	<i>CEILING INSULATION</i>	
#5	↓ ↓	
#6	↓ ↓	
#7	<i>9x9 BLACK FLOOR TILE/MASTIC</i>	
#8	↓ ↓ ↓ ↓ ↓	
#9	↓ ↓ ↓ ↓ ↓	
#10	<i>DW/T OFFICE</i>	
#11	↓	
#12	↓	

Relinquished By: *[Signature]* 8-22-10    Accepted By: *[Signature]* 8-22-10  
(signature) Date and Time:    (signature) Date and Time: 3:30





Environmental  
Analytical  
Services, LLC

13201 Northwest Freeway Suite 503  
Houston, Texas 77040  
(713) 343-4017 • Fax (713) 934-9942  
E-mail [easlabs@aol.com](mailto: easlabs@aol.com)  
Lone Star Overnight Account #123757

### CHAIN OF CUSTODY

Texstar Labs 14210 Hirschfield Tomball, Texas 77377	Project Name/Address: VINSON 3100 W/ FUGA. HOV.	
	Project Number: 1006119	
Number & Type of Sample:	EAS Job # 706.	P.O. Number

TURNAROUND TIME:  2 Hour  8 Hour  < 24 HOURS (Rush)  
 2 Day  3 DAY  5 DAY (ROUTINE)  OTHER: POSITIVE STOP

(Specify)

(NOTE: All Turnaround Times are Based on the Date / Time the Sample is Received by the Laboratory)

Contact Person: **Scott Neidigk or Dale Neidigk or Cynthia Dupree**  
 Phone: (281) 890-8170 Fax: (281) 890-2827  
 E-Mail: [san2bme@yahoo.com](mailto: san2bme@yahoo.com)  
 Email: [Cynthia@texstarlabs.net](mailto: Cynthia@texstarlabs.net)

Special Instructions: \_\_\_\_\_

SAMPLE NUMBER	LOCATION	SAMPLE DESCRIPTION (See attached description) Volume
# 25	ROOF MASTIC	BULK
# 26	↓ ↓	
# 27	↓ ↓	
# 28	PIPE/INSUL ROOF	
# 29	↓ ↓ ↓	
# 30	↓ ↓ ↓	

Relinquished By: [Signature]  
 (signature) Date and Time: 60310 3:30

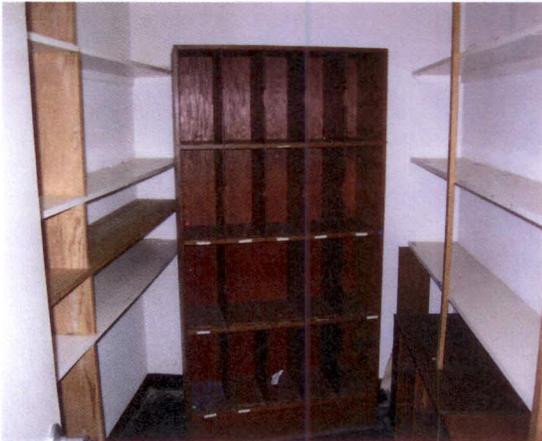
Accepted By: \_\_\_\_\_  
 (signature) Date and Time:

**Appendix B**  
**Site Photographs**

Vinson Library  
3100 West Fuqua, Houston, Texas 77045  
June 22, 2010  
Photographs



Vinson Library  
3100 West Fuqua, Houston, Texas 77045  
June 22, 2010  
Photographs



## **Appendix C**

### **Licenses**



# TEXAS DEPARTMENT OF STATE HEALTH SERVICES

## **TEXSTAR LABS LLC**

*is certified to perform as a*

### **Asbestos Consultant Agency**

*in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.*

A handwritten signature in black ink that reads "David Lakey MD".

DAVID LAKEY, M.D.  
COMMISSIONER OF HEALTH

License Number: 100359

Control Number: 96297

Expiration Date: 2/16/2012

(Void After Expiration Date)

VOID IF ALTERED      NON-TRANSFERABLE



**Texas Department of  
State Health Services**

Asbestos Inspector

**LESTER D NEIDIGK**

**License No. 602686**

**Control No. 96309**

**Expiration Date: 2/9/2012**

