

ASBESTOS SURVEY

**Former Hastings Entertainment
2300 West Main Street
Norman, Oklahoma**

**ENERCON Project No. BOKF~00001
July 12, 2018**



Prepared For:

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Excellence—Every project. Every day.

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ASBESTOS SURVEY REPORT

**Former Hastings Entertainment
2300 West Main Street
Norman, Oklahoma**

Enercon Project Number: BOKF~00001
July 12, 2018

EXECUTIVE SUMMARY

Enercon Services Inc. (ENERCON) conducted an asbestos survey of the above-referenced building on July 2, 2018. The purpose of the asbestos survey was to locate, identify, and quantify asbestos-containing building materials (ACBMs) present in the building. Fifty-seven (57) bulk samples comprising sixty (60) discrete layers were collected from nineteen (19) homogeneous areas.

The following materials were identified to contain asbestos based on laboratory analyses or, according to AHERA protocol, were assumed to contain asbestos:

Summary of Bulk Material Samples & Laboratory Analytical Results

HA	Description	Percent/Type Asbestos	NESHAP Classification	Condition	Estimated Quantity*
08	Black/yellow mix mastic below carpet squares Throughout retail area	5% Chrysotile	Cat I non-friable	Good	35,000 SF†
		PS			
		PS			
14	Cement board with aggregate (Front soffit)	5% Chrysotile	Cat II non-friable	Good	1,400 SF
		PS			
		PS			
15	Cement board with faux stucco (Front fascia)	25% Chrysotile	Cat II non-friable	Good	2,000 SF
ASSUMED	Exterior panels above glazing Front of building	ASSUMED	Cat II non-friable	Good	750 SF
ASSUMED	Roofing materials	ASSUMED	Cat I non-friable	Good	35,600 SF

SF = square feet

Category I includes asbestos-containing packings, gaskets, asphaltic roofing products, resilient flooring, and associated mastics. Category II includes all other non-friable materials

*Estimated quantities are based on a cursory field evaluation, and actual quantities may vary significantly, especially if asbestos containing materials are present in hidden and/or inaccessible areas not evaluated as part of this survey.

† Note: Apparent ACM mastic from a previous floor covering has been overlaid with non-ACM adhesive and therefore, cannot be fully quantified without removing the existing carpet.

RECOMMENDATIONS

Renovation

Category I and Category II Non-friable Materials

Category I and Category II non-friable materials were identified at the subject site and observed in good condition. Removal must be performed by an Oklahoma licensed asbestos abatement contractor, or general contractor personnel who have received minimum 8-hour training specific to that Category ACM. Removal of the material should be observed and performed under the guidance of a ‘competent person’ as defined by the Occupational Safety and Health Administration (OSHA) in 29 Code of Federal Regulations (CFR) 1926.1101 Asbestos.

Demolition

Category I Non-friable Materials

According to the EPA, Category I non-friable materials (tar-impregnated roofing felts, asphalt tiles, asphalts and mastics) that are non-friable and will remain non-friable during proposed demolition methods are exempt from NESHAP requirements and need not be removed prior to demolition. This exemption assumes the demolition of the building does not include deliberate burning or activities that powder or otherwise damage and render the materials friable. Additionally, the building debris need not be disposed of as asbestos-containing waste material provided such Category I ACM remains non-friable. However, ENERCON recommends the landfill operator be notified that construction debris contains non-friable asbestos-containing materials.

Category II Non-friable Materials

The asbestos cement board and panels above the glazing are considered a Category II non-friable ACM; however, the material is considered likely to become friable during the demolition operation and must be removed prior to demolition of the structure. Removal must be performed by an Oklahoma licensed asbestos abatement contractor, or general contractor personnel who have received minimum 8-hour training specific to that Category II ACM. Removal of the material should be observed and performed under the guidance of a ‘competent person’ as defined by the Occupational Safety and Health Administration (OSHA) in 29 Code of Federal Regulations (CFR) 1926.1101 Asbestos.

ASBESTOS SURVEY REPORT

**Former Hastings Entertainment
2300 West Main Street
Norman, Oklahoma**

Enercon Project Number: BOKF~00001

July 12, 2018

1.0 INTRODUCTION

Enercon Services Inc. (ENERCON) conducted an asbestos survey of the Former Hastings Entertainment located at 2300 West Main Street, Norman, Oklahoma. The survey was performed on July 2, 2018 by an AHERA¹ accredited and State of Oklahoma licensed asbestos inspectors in general accordance with Enercon's proposal dated June 19, 2018. The purpose of the asbestos survey was to locate, identify, and quantify asbestos-containing building materials (ACBMs) present in the building. It was understood that the building was scheduled for renovation.

2.0 FACILITY DESCRIPTION

The former Hastings Entertainment building is an approximate 35,686 square foot single story with mezzanine structure reportedly constructed in 1979. The building was vacant at the time of the survey.

3.0 FIELD ACTIVITIES

The survey was performed by Oklahoma AHERA-licensed Asbestos Inspectors Mr. Ben Baggett, (AHERA Asbestos Management Planner No. OK-133989) and Mr. Jerrod 'Hunter' Henrie (AHERA Asbestos Inspector No. OK-401011). Suspect ACM samples were collected in general accordance with the sampling protocols outlined in Environmental Protection Agency (EPA) regulations under 40 Code of Federal Regulations (CFR) 763-Asbestos. A copy of the inspectors' licenses are attached as Appendix A.

3.1 Review and Visual Assessment

The survey consisted of a review of available plans and asbestos-related documents followed by a visual examination of building components and insulating materials to identify those suspected to contain asbestos. Suspect materials identified were categorized into homogeneous sampling areas to facilitate collection and analysis of samples. Building materials identified as concrete, glass, wood, masonry, metal or rubber are not considered suspect ACM. Although reasonable effort was made to survey accessible suspect materials, additional suspect but unsampled materials could be located in walls, in voids, or in other concealed areas.

¹ Asbestos Hazard Emergency Response Act

3.2 Physical Assessment

A physical assessment of each homogeneous area of suspect ACM was conducted to assess the friability and condition of the materials. A friable material is defined by the EPA as a material which can be crumbled, pulverized, or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.3 Sample Collection and Analysis

Based on results of the visual observation, bulk samples of suspect ACM were collected in general accordance with EPA sampling protocols. Random samples of suspect materials were collected in each homogeneous area. ENERCON collected bulk samples using wet methods as applicable to reduce the potential for fiber release. Samples were placed in sealable containers and labeled with unique sample numbers using an indelible marker.

Fifty-seven (57) bulk samples comprising sixty (60) discrete layers were collected from nineteen (19) homogeneous areas. Bulk samples were submitted under chain of custody to QuanTEM Laboratories, Inc. (QuanTEM) of Oklahoma City, Oklahoma and were analyzed by polarized light microscopy (PLM) with dispersion staining techniques per EPA's Method for the Determination of Asbestos in Bulk Building Materials (600/R-93-116). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. QuanTEM is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP, Lab Code 101959). Laboratory reports of analyses and the chain of custody is attached as Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. It also requires the identification and classification of existing building materials prior to demolition or renovation activity. Under NESHAP, asbestos-containing building materials are classified as either friable, Category I non-friable or Category II non-friable ACM. Friable materials are those that, when dry, may be crumbled, pulverized or reduced to powder by hand pressure. Category I non-friable ACM includes packings, gaskets, resilient floor coverings and asphalt roofing products containing more than 1% asbestos. Category II non-friable ACM are any materials other than Category I materials that contain more than 1% asbestos.

Regulated ACM (RACM) must be removed before renovation or demolition activities that will disturb the materials. RACM includes:

- Friable ACM;
- Category I non-friable ACM that has become friable or will be subjected to drilling, sanding, grinding, cutting, or abrading; and
- Category II non-friable ACM that could be crumbled, pulverized, or reduced to powder during renovation or demolition activities.

If the amount of RACM exceeds 260 linear feet of pipe insulation, more than 160 square feet in other building components, or will generate more than one cubic meter of waste, the owner or operator must provide the Oklahoma Department of Environmental Quality (ODEQ) with written notification of planned removal activities at least 10 working days prior to the commencement of asbestos abatement activities.

Removal of RACM must be conducted by an appropriately accredited and licensed asbestos abatement contractor.

The Occupational Safety and Health Administration (OSHA) regulates workplace exposure to asbestos in 29 CFR 1926.1101, the asbestos standard for construction. The OSHA standard requires that employee exposure to airborne asbestos fibers be maintained below 0.1 asbestos fibers per cubic centimeter of air (0.1 f/cc) as an eight hour time weighted average. The OSHA standard classifies construction and maintenance activities which could disturb ACM, and specifies work practices and precautions which employers must follow when engaging in each class of regulated work.

In the State of Oklahoma, the OSHA asbestos standard for the construction industry (29 CFR 1926.1101) is administered by the Oklahoma Department of Labor (ODOL) under the Oklahoma Asbestos Control Act (OAC) Title 40 § 450-456. The OAC requires that any asbestos-related activity conducted in a public building be performed by personnel licensed by the ODOL. Asbestos abatement must be performed by ODOL-licensed asbestos abatement contractors in accordance with a work plan or project design prepared by an ODOL-licensed asbestos project designer. Management plans developed for the in-place management of asbestos-containing materials must be developed by an ODOL-licensed management planner. In addition, third party air monitoring should be performed prior to, during, and following the abatement.

5.0 FINDINGS, CONCLUSIONS AND RECOMMENDATIONS

5.1 Findings and Conclusion

Table 1 presents a summary of the classification, condition and approximate quantity of identified ACM. Table 2 presents a summary of bulk samples collected and analytical results.

Table 1
Summary of Bulk Material Samples & Laboratory Analytical Results

HA	Description	Percent/Type Asbestos	NESHAP Classification	Condition	Estimated Quantity*
08	Black/yellow mix mastic below carpet squares Throughout retail area	5% Chrysotile	Cat I non-friable	Good	35,000 SF†
14	Cement board with aggregate (Front soffit)	5% Chrysotile	Cat II non-friable	Good	1,400 SF
15	Cement board with faux stucco (Front fascia)	25% Chrysotile	Cat II non-friable	Good	2,000 SF
ASSUMED	Exterior panels above glazing Front of building	ASSUMED	Cat II non-friable	Good	750 SF
ASSUMED	Roofing materials	ASSUMED	Cat I non-friable	Good	35,600 SF

SF = square feet

Category I includes asbestos-containing packings, gaskets, asphaltic roofing products, resilient flooring, and associated mastics. Category II includes all other non-friable materials

*Estimated quantities are based on a cursory field evaluation, and actual quantities may vary significantly, especially if asbestos containing materials are present in hidden and/or inaccessible areas not evaluated as part of this survey.

† Note: Apparent ACM mastic from a previous floor covering has been overlaid with non-ACM adhesive and therefore, cannot be fully quantified without removing the existing carpet.

5.2 Recommendations

Renovation

Category I and Category II Non-friable Materials

Category I and Category II non-friable materials were identified at the subject site and observed in good condition. Removal must be performed by an Oklahoma licensed asbestos abatement contractor, or general contractor personnel who have received minimum 8-hour training specific to that Category ACM. Removal of the material should be observed and performed under the guidance of a ‘competent person’ as defined by the Occupational Safety and Health Administration (OSHA) in 29 Code of Federal Regulations (CFR) 1926.1101 Asbestos.

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Category II Non-friable Materials

The asbestos cement board and panels above the glazing are considered a Category II non-friable ACM; however, the material is considered likely to become friable during the demolition operation and must be removed prior to demolition of the structure. Removal must be performed by an Oklahoma licensed asbestos abatement contractor, or general contractor personnel who have received minimum 8-hour training specific to that Category II ACM. Removal of the material should be observed and performed under the guidance of a ‘competent person’ as defined by the Occupational Safety and Health Administration (OSHA) in 29 Code of Federal Regulations (CFR) 1926.1101 Asbestos.

6.0 GENERAL COMMENTS

This Asbestos Survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions, and recommendations expressed in this report are based on conditions observed during our survey of the building. The information contained in this report is relevant to the date on which this survey was performed, and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by BOK Financial for specific application to their project as discussed. This report is not a bidding document. Contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary. ENERCON does not warrant the work of regulatory agencies, laboratories, or other third parties supplying information which may have been used in the preparation of this report. No warranty, express or implied is made.

Table 2
Summary of Bulk Material Samples & Laboratory Analytical Results

HA	Sample Number	Description	Sample Location	Percent/Type Asbestos	NESHAP Classification	Condition	Estimated Quantity*
01	DWGB-01A	Drywall wallboard (Recent circa)	Entry	None detected	NA	NA	NA
	DWGB-01B		SW wall near back of retail	None detected			
	DWGB-01C		SE wall near back of retail	None detected			
02	DWJC-02A	Joint compound (Recent circa)	Entry	None detected	NA	NA	NA
	DWJC-02B		SW wall near back of retail	None detected			
	DWJC-02C		SE wall near back of retail	None detected			
03	DWGB-03A	Drywall wallboard (Vintage circa)	Gallery office	None detected	NA	NA	NA
	DWGB-03B		Gallery	None detected			
	DWGB-03C		Gallery	None detected			
04	DWJC-04A	Joint compound (Recent circa)	Gallery office	None detected	NA	NA	NA
	DWJC-04B		Gallery	None detected			
	DWJC-04C		Gallery	None detected			
05	WTEX-05A	Wall texture Throughout retail area	Coffee shop	None detected	NA	NA	NA
	WTEX-05B		Coffee shop	None detected			
	WTEX-05C		W wall	None detected			
	WTEX-05D		S wall	None detected			
	WTEX-05E		N wall	None detected			
06	SAT-06A	2'x4' Suspended ceiling tile Bottom layer	At registers	None detected	NA	NA	NA
	SAT-06B		At registers	None detected			
	SAT-06C		At registers	None detected			
07	SAT-07A	2'x4' Suspended ceiling tile Upper layer and gallery	Gallery office	None detected	NA	NA	NA
	SAT-07B		Gallery office	None detected			
	SAT-07C		Gallery office	None detected			

*Estimated quantities are based on a cursory field evaluation, and actual quantities may vary significantly, especially if asbestos containing materials are present in hidden and/or inaccessible areas not evaluated as part of this survey.

**Table 2 (cont.)
Summary of Bulk Material Samples & Laboratory Analytical Results**

HA	Sample Number	Description	Sample Location	Percent/Type Asbestos	NESHAP Classification	Condition	Estimated Quantity*
08	BM-08A	Black/yellow mix mastic below carpet squares Throughout retail area	Retail area	5% Chrysotile	Cat I non-friable	Good	35,000 SF†
	BM-08B		Retail area	PS			
	BM-08C		Retail area	PS			
09	GLU-09A	18"x18" tile with yellow mastic At registers	At registers	None detected	NA	NA	NA
	GLU-09B		At registers	None detected			
	GLU-09C		At registers	None detected			
10	CBM-10A	Cove base mastic (Yellow)	Gallery office	None detected	NA	NA	NA
	CBM-10B		Gallery office	None detected			
	CBM-10C		Gallery office	None detected			
11	CBM-11A	Cove base mastic (Black/Brown)	Gallery lookout	None detected	NA	NA	NA
	CBM-11B		Gallery lookout	None detected			
	CBM-11C		Gallery lookout	None detected			
12	CPM-12A	Carpet mastic	Gallery office	None detected	NA	NA	NA
	CPM-12B		Gallery lookout	None detected			
	CPM-12C		Gallery lookout	None detected			
13	CBM-13A	Cove base mastic (White) associated with green cove base	Retail area	None detected	NA	NA	NA
	CBM-13B		Retail area	None detected			
	CBM-13C		Retail area	None detected			
14	CB-14A	Cement board with aggregate (Front soffit)	Front Exterior	5% Chrysotile	Cat II non-friable	Good	1,400 SF
	CB-14B		Front Exterior	PS			
	CB-14C		Front Exterior	PS			
15	CB-15A	Cement board with faux stucco (Front fascia)	Front Exterior	25% Chrysotile	Cat II non-friable	Good	2,000 SF

† Note: Apparent ACM mastic from a previous floor covering has been overlaid with non-ACM adhesive and therefore, cannot be fully quantified without removing the existing carpet.

**Table 2 (cont.)
Summary of Bulk Material Samples & Laboratory Analytical Results**

HA	Sample Number	Description	Sample Location	Percent/Type Asbestos	NESHAP Classification	Condition	Estimated Quantity*
16	DWJC-16A	Joint compound	Men's restroom	None detected	NA	NA	NA
	DWJC-16B		Women's restroom	None detected			
	DWJC-16C		Hallway	None detected			
17	WTEX-17A	Wall texture	Men's restroom	None detected	NA	NA	NA
	WTEX-17B		Women's restroom	None detected			
	WTEX-17C		Hallway	None detected			
18	FT-18A	12"x12" tile with yellow mastic	Men's restroom	None detected	NA	NA	NA
	FT-18B		Women's restroom	None detected			
	FT-18C		Hallway	None detected			
19	CBM-19A	Cove base mastic	Men's restroom	None detected	NA	NA	NA
	CBM-19B		Women's restroom	None detected			
	CBM-19C		Hallway	None detected			
ASSUMED		Exterior panels above glazing Front of building	Front Exterior	Assumed	Cat II non-friable	Good	750 SF
ASSUMED		Roofing materials	Roof	Assumed	Cat I non-friable	Good	35,600 SF

ASBESTOS-CONTAINING MATERIALS ARE BOLDED

RACM = regulated asbestos-containing material

NA = not applicable

PC = point count

PS = not analyzed under positive stop protocol

LF = linear feet

SF = square feet

EA = each

Category I includes asbestos-containing packings, gaskets, asphaltic roofing products, resilient flooring, and associated mastics. Category II includes all other non-friable materials

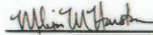
APPENDIX A
Licenses and Certifications

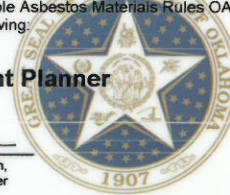
Oklahoma Department of Labor
Asbestos License

This certifies that **Ben Baggett**
has successfully met the certification requirements under
the Oklahoma Asbestos Control Act 40 O.S. § 450, et seq.
Abatement of Friable Asbestos Materials Rules OAC
380.50 in the following:



Management Planner


Melissa M. Houston,
Labor Commissioner



License # : 133989

Expires : 04/10/2019

Issued : 05/07/2018

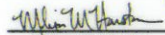
Not intended for identification purposes

Oklahoma Department of Labor
Asbestos License

This certifies that **Ben Baggett**
has successfully met the certification requirements under
the Oklahoma Asbestos Control Act 40 O.S. § 450, et seq.
Abatement of Friable Asbestos Materials Rules OAC
380.50 in the following:



Project Designer


Melissa M. Houston,
Labor Commissioner



License # : 143990

Expires : 03/08/2019

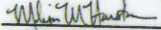
Issued : 05/07/2018

Not intended for identification purposes

**Oklahoma Department of Labor
Asbestos License**

This certifies that **Hunter Henrie**
has successfully met the certification requirements under
the Oklahoma Asbestos Control Act 40 O.S. § 450, et seq.
Abatement of Friable Asbestos Materials Rules OAC
380:50 in the following:

Inspector


Melissa M. Houston,
Labor Commissioner



License # : 401011

Expires : 03/14/2019

Not intended for identification purposes Issued : 03/26/2018

If found return postage guaranteed:

**Oklahoma Department of Labor
3017 N Stiles, Suite 100
Oklahoma City, OK 73105**

**405-521-6100
www.labor.ok.gov**

*This license certifies only that the license holder has met the
requirements to obtain this license and it is not intended for
general identification purposes.*

APPENDIX B
Laboratory Reports of Analyses/Chain of Custody



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 296553	Client: Enercon - OKC
Account Number: A845	1601 Northwest Expressway
Date Received: 07/12/2018	Suite 1000
Received By: Travis Miller	Oklahoma City, OK 73118
Date Analyzed: 07/12/2018	Project: 2300 W. Main, Norman
Analyzed By: Dee Ammerman	Project Location: N/A
Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	01-DWGB-01A	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
002	01-DWGB-01B	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
003	01-DWGB-01C	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
004	02-DWJC-02A	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
005	02-DWJC-02B	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
006	02-DWJC-02C	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
007	03-DWJC-03A	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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Received By: Travis Miller	Oklahoma City, OK 73118
Date Analyzed: 07/12/2018	Project: 2300 W. Main, Norman
Analyzed By: Dee Ammerman	Project Location: N/A
Methodology: EPA/600/R-93/116	Project Number: N/A

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	03-DWJC-03B	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
009	03-DWJC-03C	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
010	04-DWJC-04A	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
011	04-DWJC-04B	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
012	04-DWJC-04C	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
013	05-WTEX-05A	Homogeneous	White Wall Texture	Asbestos Not Present	NA	CaCO3 Paint

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Date Analyzed: 07/12/2018	Project: 2300 W. Main, Norman
Analyzed By: Dee Ammerman	Project Location: N/A
Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	05-WTEX-05B	Homogeneous	White Wall Texture	Asbestos Not Present	NA	CaCO3 Paint
015	05-WTEX-05C	Homogeneous	White Wall Texture	Asbestos Not Present	NA	CaCO3 Paint
016	05-WTEX-05D	Homogeneous	White Wall Texture	Asbestos Not Present	NA	CaCO3 Paint
017	05-WTEX-05E	Homogeneous	White Wall Texture	Asbestos Not Present	NA	CaCO3 Paint
018	06-SAT-06A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
019	06-SAT-06B	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
020	06-SAT-06C	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint

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Date Received: 07/12/2018	Suite 1000
Received By: Travis Miller	Oklahoma City, OK 73118
Date Analyzed: 07/12/2018	Project: 2300 W. Main, Norman
Analyzed By: Dee Ammerman	Project Location: N/A
Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	07-SAT-07A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
022	07-SAT-07B	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
023	07-SAT-07C	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
024	08-BM-08A	Homogeneous	Black/Yellow Mastic	Asbestos Present Chrysotile 5	NA	Tar Glue
025	08-BM-08B	**	** **	**	Not Analyzed	
Positive Stop						
026	08-BM-08C	**	** **	**	Not Analyzed	
Positive Stop						

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 296553	Client: Enercon - OKC
Account Number: A845	1601 Northwest Expressway
Date Received: 07/12/2018	Suite 1000
Received By: Travis Miller	Oklahoma City, OK 73118
Date Analyzed: 07/12/2018	Project: 2300 W. Main, Norman
Analyzed By: Dee Ammerman	Project Location: N/A
Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
027	09-GLU-09A	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
028	09-GLU-09B	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
029	09-GLU-09C	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
030	10-CBM-10A	Homogeneous	Yellow Cove Base Mastic	Asbestos Not Present	NA	Glue CaCO3
031	10-CBM-10B	Homogeneous	Yellow Cove Base Mastic	Asbestos Not Present	NA	Glue CaCO3
032	10-CBM-10C	Homogeneous	Yellow Cove Base Mastic	Asbestos Not Present	NA	Glue CaCO3
033	11-CBM-11A	Homogeneous	Brown Cove Base Mastic	Asbestos Not Present	NA	Glue

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Date Analyzed: 07/12/2018	Project: 2300 W. Main, Norman
Analyzed By: Dee Ammerman	Project Location: N/A
Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
034	11-CBM-11B	Homogeneous	Brown Cove Base Mastic	Asbestos Not Present	NA	Glue
035	11-CBM-11C	Homogeneous	Brown Cove Base Mastic	Asbestos Not Present	NA	Glue
036	12-CPM-12A	Homogeneous	Yellow Carpet Mastic	Asbestos Not Present	NA	Glue
037	12-CPM-12B	Homogeneous	Yellow Carpet Mastic	Asbestos Not Present	NA	Glue
038	12-CPM-12C	Homogeneous	Yellow Carpet Mastic	Asbestos Not Present	NA	Glue
039	13-CBM-13A	Homogeneous	White Cove Base Mastic	Asbestos Not Present	NA	Glue CaCO3

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Analyzed By: Dee Ammerman	Project Location: N/A
Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
040	13-CBM-13B	Homogeneous	White Cove Base Mastic	Asbestos Not Present	NA	Glue CaCO3
041	13-CBM-13C	Homogeneous	White Cove Base Mastic	Asbestos Not Present	NA	Glue CaCO3
042	14-CB-14A	Homogeneous	Gray Cement Board	Asbestos Present Chrysotile 25	NA	CaCO3 Binder
043	14-CB-14B	**	** **	**	Not Analyzed	
Positive Stop						
044	14-CB-14C	**	** **	**	Not Analyzed	
Positive Stop						
045	15-CB-15A	Homogeneous	Gray Cement Board	Asbestos Present Chrysotile 25	NA	CaCO3 Binder
046	16-DWJC-16A	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3

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Date Analyzed: 07/12/2018	Project: 2300 W. Main, Norman
Analyzed By: Dee Ammerman	Project Location: N/A
Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
047	16-DWJC-16B	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
048	16-DWJC-16C	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
049	17-WTEX-17A	Homogeneous	White Wall Texture	Asbestos Not Present	NA	CaCO3 Paint
050	17-WTEX-17B	Homogeneous	White Wall Texture	Asbestos Not Present	NA	CaCO3 Paint
051	17-WTEX-17C	Homogeneous	White Wall Texture	Asbestos Not Present	NA	CaCO3 Paint
052	18-FT-18A	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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Date Analyzed: 07/12/2018	Project: 2300 W. Main, Norman
Analyzed By: Dee Ammerman	Project Location: N/A
Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
052a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
053	18-FT-18B	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
053a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
054	18-FT-18C	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
054a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
055	19-CBM-19A	Homogeneous	Yellow Cove Base Mastic	Asbestos Not Present	NA	Glue CaCO3
056	19-CBM-19B	Homogeneous	Yellow Cove Base Mastic	Asbestos Not Present	NA	Glue CaCO3

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Analyzed By: Dee Ammerman	Project Location: N/A
Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
057	19-CBM-19C	Homogeneous	Yellow Cove Base Mastic	Asbestos Not Present	NA	Glue CaCO3

Dee Ammerman

Dee Ammerman, Analyst

7/12/2018

Date of Report

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Oklahoma City, Oklahoma 73118 (405) 722 7694 Fax

296553

Page of

Chain of Custody/Building Inspection Form

Project Site Name/Building Name: 2300 W. Main, Norman Project #: _____

Collection Date: 7/2/18 Inspector(s): Ben Bygott, Hunter Heune Email: _____

HA #/Sample #	Mat. Class ¹	HA Material Description ¹ HA Location	Quantity	Material Sample Location	Friability ²	Phy. Cond. ³	Pot. For Disturb. ⁴
01 DWGZ	S TSI M	drywall (newer)?		entire SW wall (back) SE wall (back)	F Cat I. Cat II.	G D SD	NPD PD PSD
02 DWSC	S TSI M	joint compound (newer)?		entire SW wall (back) SE wall (back)	F Cat I. Cat II.	G D SD	NPD PD PSD
03 DWSC	S TSI M	drywall (older)?		gallery office " " " "	F Cat I. Cat II.	G D SD	NPD PD PSD
04 DWSC	S TSI M	joint compound (older)?		" " " "	F Cat I. Cat II.	G D SD	NPD PD PSD
05 WATER	S TSI M	wall texture		coffee shop W wall S wall N wall	F Cat I. Cat II.	G D SD	NPD PD PSD
06 SAT	S TSI M	2x4 ceiling tile exposed layer		at checkout reg " " " "	F Cat I. Cat II.	G D SD	NPD PD PSD
07 SAT	S TSI M	2x4 ceiling tile gallery		gallery office gallery office	F Cat I. Cat II.	G D SD	NPD PD PSD
08 EBM	S TSI M	black/yellow mix below carpet square		rest area " " " "	F Cat I. Cat II.	G D SD	NPD PD PSD

Turnaround Time: _____ Rush 24 Hr. 72 Hr. Standard (5 day)

Positive Stop: Yes No
Point Count if <3%: Yes No

Relinquished By: [Signature] Relinquished By: _____
Date/Time: 7/2/18 Date/Time: _____

Received By: [Signature] Received By: _____
Date/Time: 8:08 Date/Time: 18-25

Comments: 3dy

Project Site Name/Building Name:		Inspector(s)		Project #:		Email:		
Collection Date:		HA Material Description / HA Location		Quantity		Material Sample Location		
HA #/Sample #	Mat. Class ¹					Friability ²	Phy. Cond. ³	Pot. For Disturb. ⁴
09A	S TSI M	180 f.e glue 12 registers				F Cat I. Cat II.	G D SD	NPD PD PSD
10A	S TSI M	concrete base waste (yellow)				F Cat I. Cat II.	G D SD	NPD PD PSD
11A	S TSI M	concrete base waste (black/brown)				F Cat I. Cat II.	G D SD	NPD PD PSD
12A	S TSI M	capped waste				F Cat I. Cat II.	G D SD	NPD PD PSD
13A	S TSI M	concrete base waste (white material) green concrete				F Cat I. Cat II.	G D SD	NPD PD PSD
14A	S TSI M	Cement Board/w (Soft)				F Cat I. Cat II.	G D SD	NPD PD PSD
15A	S TSI M	Cement board w/ stone (fair)				F Cat I. Cat II.	G D SD	NPD PD PSD
16A	S TSI M	joint compound				F Cat I. Cat II.	G D SD	NPD PD PSD
17A	S TSI M	wall texture				F Cat I. Cat II.	G D SD	NPD PD PSD

Turnaround Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Rush ___ 24 Hr. ___ 72 Hr. ___ Standard (5 day)	<i>[Signature]</i>		<i>[Signature]</i>	8:15
Comments:	Positive Stop: Yes ___ No ___	Point Count if <3%: Yes ___ No ___	Received By:	Date/Time:

296553

Chain of Custody/Building Inspection

Project Site Name/Building Name:

Project #:

Collection Date:

Inspector(s)

Email:

HA #/Sample #	Mat. Class ¹	HA Material Description / HA Location	Quantity	Material Sample Location	Friability ²	Phy. Cond. ³	Pot. Disl.
18A	S TSI M	12 x 12 floor tile w/ yellow mortar		18A	F Cat I. Cat II.	G D SD	N F P
19A	S TSI M	Concrete mortar		19A	F Cat I. Cat II.	G D SD	N F P
20A	S TSI M			20A	F Cat I. Cat II.	G D SD	N F P
	S TSI M				F Cat I. Cat II.	G D SD	N F P
	S TSI M				F Cat I. Cat II.	G D SD	N F P
	S TSI M				F Cat I. Cat II.	G D SD	N F P
	S TSI M				F Cat I. Cat II.	G D SD	N F P
	S TSI M				F Cat I. Cat II.	G D SD	N F P
	S TSI M				F Cat I. Cat II.	G D SD	N F P
	S TSI M				F Cat I. Cat II.	G D SD	N F P

Turnaround Time: 24 Hr. 72 Hr. Standard (5 day)

Positive Stop: Yes No Point Count if <3%: Yes No

Relinquished By: *[Signature]* Date/Time: 10/1/12 7:35

Received By: *[Signature]* Date/Time: 10/1/12 7:35

Comments:

92% of problem