Asbestos Containing Material Roof Survey

for the roofs located at:

The Angola Service Center Angola, New York

Prepared for the:
New York State Thruway Authority
Department of Engineering

December 7, 2009

Survey prepared by: Jameson Roofing 106 Evans Street Hamburg, New York 14075

OFFICE (Mailing Address)

Sent From: Buffalo Division

3761 East Lake Road Dunkirk, New York 14048 (716) 366-4950 Fax # (716) 366-6824

106 Evans Street Hamburg, New York 14075 (716) 646-9495 Fax # (716) 646-9496

Asbestos Roof Survey

Pre-Renovation Asbestos Containing Building Materials - **Roofing Survey** - for the Building located at the Angola Service Center Angola, New York 14006

Jameson Roofing has been hired to perform a roof survey of the above listed location to identify, locate, sample and quantify the presence of asbestos containing building materials of the existing roofing system.

The following roof survey consists of:

- Locating and Identifying suspect building materials that may contain asbestos the areas in which these material will be subject to disturbance during the roof renovation activities
- Sampling of these materials done per all Federal and State Regulations
- Sample analysis from an ELAP. accredited lab per all Federal and State Regulations
- All positively identified asbestos containing building materials shall be approximately quantified
- Patching the existing roof to where samples were taken to maintain the roofs integrity and keep the building interior weather tight.

General Conditions of the Survey:

- 1. This roof survey is based upon the conditions and materials present on the day of the survey.
- 2. This survey was completed in accordance with the regulations set forth by the New York State Department of Labor Standards Code Rule 56, National Emissions Standards for Hazardous Air Pollutants (NESHAPS), and The Occupational Safety and Health Administration regulations 29 CFR 1910.1101 and 29 CFR 1910.134.
- 3. All Jameson Roofing personnel involved with the roof survey have completed the Environmental Protection Agency (EPA) required training and New York State Department of Labor Division of Safety and Health certification program.
- 4. Results of the analyzed samples taken during the survey are a product of the laboratory retained to provide their experience, expertise and knowledge of the analysis portion of the asbestos survey.
- 5. This report only conveys the information of the materials identified during the survey and in no way should be used as an asbestos abatement plan.

Identified Materials:

The Roof Survey field work took place on October 8, 2009 and identified the following materials as suspect asbestos containing materials.

Material Description	
Roof Insulation Facer	
Roof Insulation Foam	
Built Up Roof Vapor Barrier Felt	
Built Up Roof Tar Felts	
Black Repair / Patching Tar	
Walk Way Tread	

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Sample Results:

Those suspect materials that were identified were sampled and analyzed under Polarized Light Microscopy and where it was necessary under Transmission Electron Microscopy and revealed the following results for sample taken during the survey.

Material	Sample Number	PLM	TEM	Asbestos Y / N	Approx. Quantity
Insulation Facer	ASC - 1	N/A	NAD	No	N/A
Roof Insulation Foam	ASC - 2	N/A	NAD	No	N/A
Built Up Roof Vapor	ASC - 3	N/A	NAD	No	N/A
Barrier Felt					
Insulation Facer	ASC - 4	N/A	N/A	No	N/A
Roof Insulation Foam	ASC - 5	N/A	N/A	No	N/A
Built Up Roof Vapor	ASC - 6	N/A	N/A	No	N/A
Barrier Felt					
Roof Insulation Foam	ASC - 7	N/A	N/A	No	N/A
Insulation Facer	ASC - 8	N/A	N/A	No	N/A
Patching / Repair Tar	ASC - 9	5.3%	N/A	Yes	<10 sqft.
Built Up Roof Tar Felts	ASC - 10	N/A	NAD	No	N/A
Roof Tar Coating	ASC - 11	N/A	NAD	No	N/A
Walk Tread	ASC - 12	N/A	NAD	No	N/A

All samples shall be analyzed by Polarized Light Microscopy. Any Non-friable Organically Bound (NOB) sample that is found to be negative by PLM shall be analyzed by Transmission Electron Microscopy (TEM) to confirm the asbestos content of a given sample as required by the NYSDOH. Any sample found to contain more than 1% asbestos shall be considered as an asbestos containing material.

NAD = No Asbestos Detected

N / A = Not Applicable

Trace = Less than 1% Asbestos; considered to be a non-Asbestos Containing Material

Samples 4, 5, 6, 7 and 8 were not analyzed as they were part of a set which the same material samples 1, 2, and 3 which were analyzed by TEM and found to not contain asbestos.

All quantities listed in this report are approximations and should be field verified by the Asbestos Abatement Contractor prior to the submission of bid for abatement work.

Summary:

The following materials were found to be Asbestos Containing Materials:

Sample #9 - Patching / Repair Tar was found to be positive for containing asbestos by PLM analysis. Patching / Repair Tar should be removed and disposed of as asbestos waste.

This roofing material survey should not in any way be used as an asbestos abatement specification.

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Regulatory requirements: NYS Industrial Code Rule 56, § 56-5-1 requires as follows:

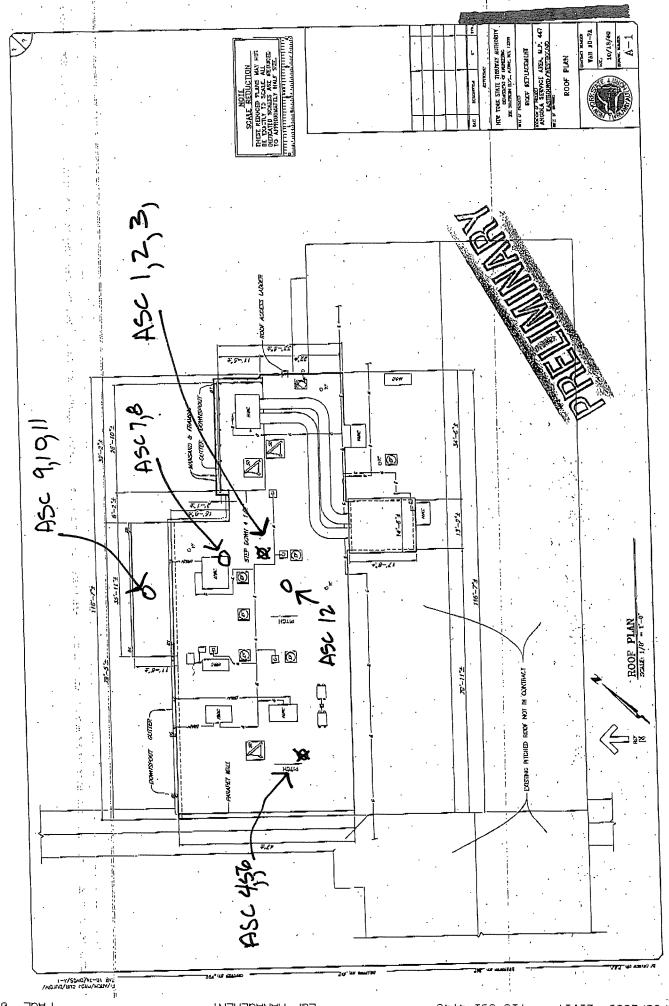
- (a) "An owner or an owner's agent...shall cause to be conducted, an asbestos survey completed by a licensed asbestos contractor using inspectors certified in compliance with Section 56-3.2(d), to determine whether or not the building or structure, or portions thereof to be demolished, renovated, remodeled, or have repair work, contains ACM, PACM or asbestos material. The asbestos surveys shall be completed and submitted as indicated in Subdivision (g)"
- (b) One copy of the results of the building/structure asbestos survey shall be immediately transmitted by the building/structure owner as follows:
- (1) ...to the local government entity charged with issuing a permit for such demolition, renovation, remodeling or repair work
- (2) ... to the appropriate asbestos control bureau

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Sample Location Drawing:



OFFICE (Mailing Address)
3761 East Lake Road

Dunkirk, New York 14048

(716) 366-4950

Fax # (716) 366-6824

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106 Evans Street Hamburg, New York 14075 (716) 646-9495 Fax # (716) 646-9496

Certifications and Licenses:

NEW YORK STATE - DEPARTMENT OF LABOR

DIVISION OF SAFETY AND HEALTH LICENSE AND CERTIFICATE UNIT STATE CAMPUS BUILDING 12 ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

Jameson Roofing Co., Inc. 3761 East Lake Road Dunkirk, NY 14048

FILE NUMBER: 99-0701 LICENSE NUMBER: 29232 LICENSE CLASS: FULL DATE OF ISSUE: 08/18/2009 EXPIRATION DATE: 08/31/2010

Duly Authorized Representative - John W Farrell:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

SH 432 (4-07)

Maureen A. Cox, Director FOR THE COMMISSIONER OF LABOR

STATE OF NEW YORK - DEPARTMENT OF LABOR

ASBESTOS CERTIFICATI





DMV# 430400578
MUST BE CARRIED ON ASBESTOS PROJECTS



EYES BLU HAIR BRO HGT 5: 08: IF FOUND RETURN TO: NYSDOL - L&C UNIT ROOM 161A BUILDING 12 STATE OFFICE CAMPUS ALBANY NY 12240

New York State Department of Health Certificate of Asbestos Safety Training

This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. 539582 I – To be completed by Trainee Name of Trainee (print) NYS Depart. of Motor Vehicles JD (DMV ID)1 Signature of Trainee Telephone Number Date of Birth (Street or PO Box) (City) (State) (Zip Code) II - To be completed by Training Sponsor Provider's Name Telephone Number Address Location: Zip Code Course Title: Initial Refresher DOH Equivalency² Training Language: K English _ Other: 114 109 To: Dates of Training: From: 5 I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director²: Jeffrey Musor

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(Signature)

DOH-2832 (10/03)

¹Optional Information

²DOH Equivalency signed by NYS DOH representative only DEPT. OF LABOR

111,

STATE OF NEW YORK - DEPARTMENT OF LABOR ASBESTOS CERTIFICATE



DOUGEASTE WALCZAK CLASS(EXPIRES) DANSP(05/09) G SUPR(05/10)

CERT# 90-16905 DMV# 411545398 MUST BE CARRIED ON ASBESTOS PROJECTS

EYES BLU HAIR BRO HGT 5' 08" IF FOUND RETURN TO:
NYSDOL - L&C UNIT
ROOM 161A BUTLDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

New York State Department of Health Certificate of Aspestos Safety Training This form is the official record of successful completion of a New York State accredited asbestos safety training course. Certificate No. I – To be completed by Trainee Name of Trainee (print) NYS Depart. of Motor Vehicles ID (DMV ID)¹ Signature of Trainee Date of Birth1 Telephone Number Address (Zip Code) Π – To be completed by Training Sponsor COOLEY GROUP, INC. (518) 690-7110 Telephone Number Provider's Name Course Location: 2495 Main Same Zip Code NYS DOH use only Initial X Refresher Course Title: _ DOH Equivalency² Training Language: Kenglish Exam Grade/Date: Other: Dates of Training: From: 9 /30 /09 Expires: 130 /09 To: I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination. Training Director²: (Print) (Signature)

DOH-2832 (10/03)

Optional Information

²DOH Equivalency signed by NYS DOH representative only DEPT, OF LABOR

NEW YORK STATE DEPARTMENT OF HEALTH **WADSWORTH CENTER**

RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010 Issued April 01, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. RHONDA R. MCGEE EMSL ANALYTICAL INC 490 ROWLEY ROAD DEPEW, NY 14043

NY Lab Id No: 11606 EPA Lab Code: NY01278

is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material

EPA 600/M4/82/020

Item 198.1 of Manual

Asbestos in Non-Friable Material-PLM Item 198.6 of Manual (NOB by PLM)

Asbestos in Non-Friable Material-TEM ITEM 198.4 OF MANUAL

Serial No.: 39496

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.



National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.

490 Rowley Road Depew, NY 14043 Ms. Rhonda McGee

Phone: (716) 651-0030 Fax: (716) 651-0394

E-Mail: rmcgee@emsl.com URL: http://www.emsl.com/

AIRBORNE ASBESTOS FIBER ANALYSIS (TEM)

NVLAP LAB CODE 200056-0

NVLAP Code

Designation / Description

18/A02

U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as

found in 40 CFR, Part 763, Subpart E, Appendix A.

2009-07-01 through 2010-06-30

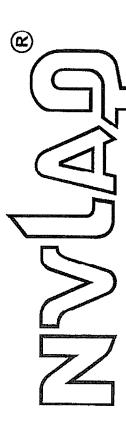
Effective dates

For the National Institute of Standards and Technology

Page 1 of 1

NVLAP-01S (REV. 2005-05-19)

United States Department of Commerce National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200056-0

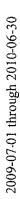
EMSL Analytical, Inc.

Depew, NY

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

AIRBORNE ASBESTOS FIBER ANALYSIS

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009). This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.



Effective dates



For the National Institute of Standards and Technology



National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.

490 Rowley Road Depew, NY 14043 Ms. Rhonda McGee

Phone: (716) 651-0030 Fax: (716) 651-0394

E-Mail: rmcgee@emsl.com URL: http://www.emsl.com/

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 200056-0

NVLAP Code 1

Designation / Description

18/A01

EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation

Samples

2009-07-01 through 2010-06-30

Effective dates

For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

Page 1 of 1

United States Department of Commerce National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

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2009-07-01 through 2010-06-30

Effective dates



For the National Institute of Standards and Technology

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Chains of Custody:



CHAIN OF CUSTODY

	-	CHAIN OF CUSTODY	A a b
		11/1/97	Asbestos 05271
	SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	
	ASC-1	INSOLATION FACER BLACK FELT	VOLUME (If Applicable)
	ASC-2	INSULATION TAN FOAM	analyze
	ASC- 3	BASE SHEET YAPOR BARRIOR BLACK	19
	ASC-4	INGULATION FACER BLACK FELT	. /
	ASC-5	INSULATION TANFOAM	No Pos 11-12.
	Asc-b	BASE SHEET VAROR BARRIOR BLAULF	9-10-11
	ASC- 7	CURB WSULATION TAN FOAM	<u>EU</u>
	ASC-8	INSULATION FACER @CURB BLACK FELT	
	ASC-9	PATCHING TAR@ LOWER ROOF	
	ASC-10	TAR FELTS @ LOWER ROOF	POS STOP PNOB as
)	ASC-11	TAR COATING @ LOWER ROOF	Do pst as
	ASC-12	WALK TRED @ MAIN ROOF	TEM also
			Pos Stop.
ŀ	Client Re	quested # 9,10,11,12 to be an	lyzed as 1st set
	-if 805 -	Please stop analysis Donot a	nelyze 1 to8.
-	LF PNOB	#9,10,11.12 is NAD-Start again	w/ 9,10,11,12-
Ĺ	IEM pos stop -	: TOIF NAD CONTINUE W/ 1 to 8.	asper dient
			D 10/08/09

OFFICE (Mailing Address)

Sent From: Buffalo Division

3761 East Lake Road Dunkirk, New York 14048 (716) 366-4950 Fax # (716) 366-6824

106 Evans Street Hamburg, New York 14075 (716) 646-9495 Fax # (716) 646-9496

Sample Results:



EMSL Analytical, Inc.

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: <u>buffalolab@emsl.com</u>

Attn: Jeff Mason

Jameson Roofing Co., Inc.

106 Evans Street

Space 2A

Fax:

Project:

Hamburg, NY 14075

(716) 646-9496

Phone: (716) 366-4950

Angola Service Center

Customer ID:

JAME56

Customer PO: Received:

BU9338

10/08/09 12:00 AM

EMSL Order:

140905271

EMSL Proj:

Analysis Date:

11/7/2009

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

Positive Stop (Not Analyzed) ASC-1 insulation facer black felt Positive Stop (Not Analyzed) ASC-2 insulation tan foam Tan Positive Stop (Not Analyzed) ASC-3 base sheet vapor Black	SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
ASC-10 tar felts @ lower roof 140905271-0002 Positive Stop (Not Analyzed) ASC-11 tar coating @ lower roof 140905271-0003 roof 140905271-0003 Positive Stop (Not Analyzed) ASC-12 walk tred @ main roof 140905271-0004 Positive Stop (Not Analyzed) ASC-11 insulation facer black felt Positive Stop (Not Analyzed) ASC-2 insulation tan foam 140905271-0006 Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed)			Black	94.7	None	5.3 Chrysotile
140905271-0002 Positive Stop (Not Analyzed) Black	140905271-0001	roof				5.3 Total All Types
Positive Stop (Not Analyzed) ASC-11 tar coating @ lower roof Positive Stop (Not Analyzed) ASC-12 walk tred @ main roof Black 140905271-0004 Positive Stop (Not Analyzed) ASC-1 insulation facer black felt Positive Stop (Not Analyzed) ASC-2 insulation tan foam Tan 140905271-0006 Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed)	ASC-10	tar felts @ lower roof	Black			
ASC-11 tar coating @ lower roof Positive Stop (Not Analyzed) ASC-12 walk tred @ main roof Black 149905271-0004 Positive Stop (Not Analyzed) ASC-1 insulation facer black felt Positive Stop (Not Analyzed) ASC-2 insulation tan foam Tan Tan Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed) ASC-3 barrier black felt Positive Stop (Not Analyzed) ASC-3 barrier black felt Positive Stop (Not Analyzed)	140905271-0002					
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ASC-12 walk tred @ main roof Black 140905271-0004 Positive Stop (Not Analyzed) ASC-1 insulation facer black felt Positive Stop (Not Analyzed) ASC-2 insulation tan foam Tan 140905271-0006 Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed)	140905271-0003	roof				
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ASC-1 insulation facer black felt Positive Stop (Not Analyzed) ASC-2 insulation tan foam Tan 140905271-0006 Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed) ASC-1 base sheet vapor barrier black felt Positive Stop (Not Analyzed)	140905271-0004					
Positive Stop (Not Analyzed) ASC-2 insulation tan foam Tan Positive Stop (Not Analyzed) Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed)	Positive Stop (Not	Analyzed)				
Positive Stop (Not Analyzed) ASC-2 insulation tan foam Tan 140905271-0006 Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed)	ASC-1	insulation facer black	Black			
ASC-2 insulation tan foam Tan 140905271-0006 Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed)	140905271-0005	felt				
Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed)	Positive Stop (Not	Analyzed)				
Positive Stop (Not Analyzed) ASC-3 base sheet vapor barrier black felt Positive Stop (Not Analyzed)	ASC-2	insulation tan foam	Tan			
ASC-3 base sheet vapor Black 140905271-0007 barrier black felt Positive Stop (Not Analyzed)	140905271-0006					
140905271-0007 barrier black felt Positive Stop (Not Analyzed)	Positive Stop (Not	Analyzed)				
Positive Stop (Not Analyzed)	ASC-3	base sheet vapor	Black			
	140905271-0007	barrier black felt				
Analyst(s) Rhonda Mc Hee	Positive Stop (Not	Analyzed)				
Analyst(s) Rhonda Mc Hee						
Analyst(s) Khonda Mc Hee					/Dii	. Dá si
	Analyst(s)				Khond	La Mc Ass

Rachel Giese (1)

Rhonda McGee, Laboratory Manager

or other approved signatory

*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted.EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except infull, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collectionactivities or analytical method imitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise

Samples analyzed by EMSL Analytical, Inc. Depew 490 Rowley Road, Depew NY NYS ELAP 11606



EMSL Analytical, Inc.

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: <u>buffalolab@emsl.com</u>

Attn: Jeff Mason

Jameson Roofing Co., Inc.

106 Evans Street

Space 2A

Fax:

. Hamburg, NY 14075

(716) 646-9496

Phone: (716) 366-4950

Project: Angola Service Center

Customer ID:

JAME56

Customer PO:

BU9338

Received:

10/08/09 12:00 AM

EMSL Order:

140905271

EMSL Proj:

Analysis Date:

11/7/2009

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	
ASC-4	insulation facer black	Black				
140905271-0008	felt					
Positive Stop (Not A	nalyzed)					
ASC-5	insulation tan foam	Tan				
140905271-0009						
Positive Stop (Not A	nalyzed)					
ASC-6	base sheet vapor	Black				
140905271-0010	barrier black felt					
Positive Stop (Not A	nalyzed)					
ASC-7	curb insulation tan	Tan				
140905271-0011	foam					
Positive Stop (Not A	nalyzed)					
ASC-8	insulation facer @	Black				
140905271-0012	curb black felt					
Positive Stop (Not A	nalyzed)					

Analyst(s)	
Rachel Giese (1)	

Rhonda McGee, Laboratory Manager

or other approved signatory

*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except infull, without written approval by EMSL. The above test report relates onlyto the items tested. EMSL bears no responsibility for sample collectionactivities or analytical method imitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Depew 490 Rowley Road, Depew NY NYS ELAP 11606



EMSL Analytical, Inc.

490 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: 7166510394 Email: buffalolab@emsl.com

Attn: Jeff Mason

Jameson Roofing Co., Inc.

106 Evans Street

Space 2A Hamburg, NY 14075

Fax: (716) 646-9496

Project:

Phone: (716) 366-4950

Angola Service Center

Customer ID:

JAME56

Customer PO:

BU9338

Received:

10/08/09 3:45 PM

EMSL Order: 140905271

EMSL Proj: Analysis Date:

12/7/2009

Test Report: Asbestos Analysis of Non-Friable Organically Bound materials by Transmission Electron Microscopy via NYS ELAP Method 198.4

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
ASC-10 140905271-0002	tar felts @ lower roof	Black	100.0	None	No Asbe	estos Detected
ASC-11 140905271-0003	tar coating @ lower roof	Black	89.0	11.0 Non-fibrous (other)	No Asbe	estos Detected
ASC-12 140905271-0004	walk tred @ main roof	Black	100.0	None	No Asbe	estos Detected
ASC-1 140905271-0005	insulation facer black felt	Black	100.0	None	No Asbestos Detected	
ASC-2 140905271-0006	insulation tan foam	Tan	100.0	None	No Asbe	estos Detected
ASC-3 140905271-0007	base sheet vapor barrier black felt	Black	100.0	None	No Asbe	estos Detected

Analyst(s)	
Rhonda McGee (6)	

Rhonda McGee, Laboratory Manager or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc.Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Depew 490 Rowley Road, Depew NY NYS ELAP 11606

OFFICE (Mailing Address)

Sent From: Buffalo Division

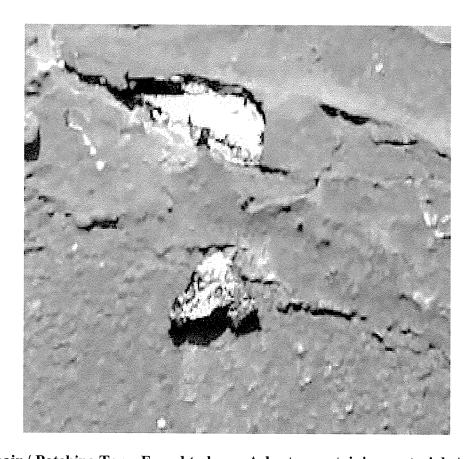
 3761 East Lake Road
 106 Evans Street

 Dunkirk, New York 14048
 Hamburg, New York 14075

 (716) 366-4950
 (716) 646-9495

 Fax # (716) 366-6824
 Fax # (716) 646-9496

Pictures of Asbestos Containing Materials:



Sample #9 Repair / Patching Tar – Found to be an Asbestos containing material. Approximate quantity of material located on the roof is less than 10 square feet.